A Bibliography of Publications by, and about, Max Born

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[BBF+57a] Fritz Bopp, Max Born, Rudolf Fleischmann, Walter Gerlach, Otto Hahn, Otto Haxel, Werner Heisenberg, Hans Kopfermann, Max von Laue, Heinz Maier-Leibnitz, Josef Mattauch, Friedrich-Adolf Paneth, Wolfgang Paul, Wolfgang Riezler, Fritz Strassmann, Wilhelm Walcher, Carl Friedrich von Weizsäcker, and Karl Wirtz. Declaration of the German nuclear physicists: April 13, 1957. *Bulletin of the Atomic Scientists*, 13(6):228, June 1957. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). The declaration calls for the Federal Republic of Germany ('West Germany') to "renounce explicitly and voluntarily the possession of atomic weapons of any kind", and states that none of the authors is 'ready in any way to take part in the production, the tests, or the application of atomic weapons". See followup [vW57].

Bopp:1957:EAA

[BBF+57b] Fritz Bopp, Max Born, Rudolf Fleischmann, Walter Gerlach, Otto Hahn, Otto Haxel, Werner Heisenberg, Hans Kopfermann, Max von Laue, Heinz Maier-Leibnitz, Josef Mattauch, Friedrich-Adolf Paneth, Wolfgang Paul, Wolfgang Riezler, Fritz Strassmann, Wilhelm Walcher, Carl Friedrich von Weizsäcker, and Karl Wirtz. Erklärung von Achtzehn Atomforschern. (German) [Declaration of eighteen atomic scientists]. *Mitteilungen aus der Max-Planck-Gesellschaft zur Förderung der Wissenschaften*, 2(??):62–64, ???? 1957.

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[BBK13] Max Born, H. Bolza, and Th. V. Kármán. Molekularströmung und Temperatursprung. (German) [Molecular flow and temperature jump]. *Nachr. Ges. Wiss. Göttingen*, ??(??):221–235, ???? 1913. CODEN ???? ISSN ????

Born:1969:AP

[BBSR69] Max Born, R. J. (Roger John) Blin-Stoyle, and J. M. Radcliffe. *Atomic Physics*. Dover books on physics and chemistry. Dover Publications, Inc., New York, NY, USA, eighth edition, 1969. ISBN 0-486-65984-4. xiv + 495 + 11 pp. LCCN QC776 .B5713 1989. US$11.95. URL `http://www.loc.gov/catdir/description/dover031/89012033.html`.

Born:1913:TEGb

[BC13a] Max Born and R. Courant. Zur Theorie des Eotvösschen Gesetzes. (German) [Toward the theory of the Eotvös Law]. *Physikalische*

Zeitschrift, 14(16):731–740, August 15, 1913. CODEN PHZTAO. ISSN 0369-982X. URL `http://babel.hathitrust.org/cgi/pt?id=mdp.39015021268936%3Bseq=823%3Bview=1up`.

Born:1913:TEGa

[BC13b] Max Born and Richard Courant. Zur Theorie des Eotvösschen Gesetzes. (German) [Toward the theory of the Eotvös Law]. *Naturwissenschaften*, 1(28):674–675, July 11, 1913. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL `http://link.springer.com/article/10.1007/BF01493978`.

Born:1948:TSF

[BC48a] Max Born and K. C. Cheng. Sur la théorie de la supraconductivité. (French) [On the theory of superconductivity]. *Journal de Physique et le Radium*, 9(10):249–252, ???? 1948. CODEN JPRAAJ. ISSN 0368-3842.

Born:1948:TSc

[BC48b] Max Born and K. C. Cheng. The theory of superconductivity. *Dokladi U.S.S.R.*, 62(??):313–318, ???? 1948. CODEN ???? ISSN ???? In Russian.

Born:1948:TSa

[BC48c] Max Born and Kai Chia Cheng. Theory of superconductivity. I. *Nature*, 161(4103):968–969, June 19, 1948. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v161/n4103/pdf/161968a0.pdf`.

Born:1948:TSb

[BC48d] Max Born and Kai Chia Cheng. Theory of superconductivity. II. *Nature*, 161(4104):1017–1018, June 26, 1948. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v161/n4104/pdf/1611017a0.pdf`.

Bowen:1980:BDQ

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Born:1949:RTEa

[BCG49] Max Born, K. C. Cheng, and Herbert S. Green. Reciprocity theory of electrodynamics. *Nature*, 164(4163):281–282, August 13,

1949. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v164/n4163/pdf/164281b0.pdf.

Blum:1984:WHGf

[BDR84] W. (Walter) Blum, H.-P. (Hans-Peter) Dürr, and Helmut Rechenberg, editors. *Werner Heisenberg: Gesammelte Werke: Collected Works: Series B: Scientific Review Papers, Talks, and Books: Wissenschaftliche Übersichtsartikel, Vorträge und Bücher*, volume 1 of *Gesammelte Werke / Collected Works*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1984. ISBN 3-642-61743-3 (print), 3-642-61742-5 (e-book). xx + 936 pp. LCCN ???? URL http://www.springerlink.com/content/978-3-642-61742-3.

Beller:1990:BPI

[Bel90] Mara Beller. Born's probabilistic interpretation: a case study of 'concepts in flux'. *Studies in History and Philosophy of Science Part A*, 21(4):563–588, December 1990. CODEN SHPSB5. ISSN 0039-3681 (print), 1879-2510 (electronic). URL http://www.sciencedirect.com/science/article/pii/0039368190900335.

Beller:1999:QDM

[Bel99] Mara Beller. *Quantum dialogue: the making of a revolution*. Science and its conceptual foundations. University of Chicago Press, Chicago, IL, USA and London, UK, 1999. ISBN 0-226-04181-6 (hardcover), 0-226-04182-4. xv + 365 + 8 pp. LCCN QC174.13 .B45 1999. URL http://www.loc.gov/catdir/description/uchi052/99035499.htm; http://www.loc.gov/catdir/toc/uchi052/99035499.htm.

Born:2003:RE

[BEP03] Max Born, Jürgen Ehlers, and Markus Pössel. *Die Relativitätstheorie Einsteins. (German) [Einstein's Theory of Relativity]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., seventh edition, 2003. ISBN 3-540-00470-X. xiv + 501 pp. LCCN ???? URL http://www.gbv.de/dms/ilmenau/toc/367574594.PDF.

Bergwitz:1915:AGP

[Ber15] Karl Bergwitz, editor. *Arbeiten aus den Gebieten der Physik, Mathematik, Chemie: Festschrift Julius Elster und Hans Geitel zum 60. Geburtstag. (German) [Works from the fields of physics, mathematics, chemistry: Festschrift for Julius Elster and Hans Geitel's*

60th birthday]. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1915. xi + 719 pp. LCCN QD455 .F47 1915. URL `http://catalog.hathitrust.org/api/volumes/oclc/47733990.html`.

Bergmann:1950:BRB

[Ber50] Gustav Bergmann. Book review: *Natural Philosophy of Cause and Chance*, by Max Born. *Philosophy of Science*, 17(2):196–199, April 1950. CODEN PHSCA6. ISSN 0031-8248 (print), 1539-767X (electronic). URL `http://www.jstor.org/stable/pdfplus/184920.pdf`.

Bernstein:2004:EJR

[Ber04] Barton J. Bernstein. The enigma of J Robert Oppenheimer. [review of *Oppenheimer: Portrait of an Enigma*, Jeremy Bernstein, 2004 Gerald Duckworth/Ivan R Dee 240pp, £14.99/$25.00 hardcover, *J Robert Oppenheimer: The American Century*, David C Cassidy 2004 Pi Press/Prentice Hall 480pp]. *Physics World*, 12(12):36–37, December 2004. CODEN PHWOEW. ISSN 0953-8585 (print), 2058-7058 (electronic). URL `http://iopscience.iop.org/pwa/full/pwa-pdf/17/12/phwv17i12a32.pdf`.

Bernstein:2005:MBQ

[Ber05] Jeremy Bernstein. Max Born and the quantum theory. *American Journal of Physics*, 73(11):999–1008, November 2005. CODEN AJPIAS. ISSN 0002-9505 (print), 1943-2909 (electronic). URL `http://ajp.aapt.org/resource/1/ajpias/v73/i11/p999_s1`. See erratum [Ber06].

Bernstein:2006:EMB

[Ber06] Jeremy Bernstein. Erratum: "Max Born and the quantum theory" [Am. J. Phys. 73 (11), 999–1008 (2005)]. *American Journal of Physics*, 74(2):160, February 2006. CODEN AJPIAS. ISSN 0002-9505 (print), 1943-2909 (electronic). URL `http://ajp.aapt.org/resource/1/ajpias/v74/i2/p160_s1`. See [Ber05].

Born:1928:PMG

[BEvL+28] M. Born, A. Einstein, M. v. Laue, E. Schrödinger, and A. Sommerfeld. Planck-Medaille. (German) [Planck Medal]. *Naturwissenschaften*, 16(20):368, May 1928. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic). URL `http://www.springerlink.com/content/gg356437362203j2/fulltext.pdf`.

Beyler:2006:BRN

[Bey06] Richard H. Beyler. Book review: Nancy Thorndike Greenspan: *The End of the Certain World: The Life and Science of Max Born: The Nobel Physicist Who Ignited the Quantum Revolution*. *Isis*, 97 (3):569–570, September 2006. CODEN ISISA4. ISSN 0021-1753 (print), 1545-6994 (electronic). URL `http://www.jstor.org/stable/10.1086/509982`; `http://www.jstor.org/stable/pdfplus/10.1086/509982.pdf`.

Born:1925:BDR

[BF25a] Max Born and J. Franck. Bemerkungen über die Dissipation der Reaktionswärme. (German) [Remarks on the dissipation of reaction heat]. *Annalen der Physik (1900)*, 76(??):225–230, ???? 1925. CODEN ???? ISSN ????

Born:1925:QMG

[BF25b] Max Born and James Franck. Quantentheorie und Molekelbildung. (German) [Quantum theory and molecular formation]. *Zeitschrift für Physik*, 31(1):411–429, February/April 1925. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF02980594`.

Born:1928:BAG

[BF28] Max Born and V. Fock. Beweis des Adiabatensatzes. (German) [Proof of the Adiabatic Theorem]. *Zeitschrift für Physik*, 51(3–4):165–180, March 1928. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01343193`.

Born:1930:BPA

[BF30] Max Born and J. Franck. Beitrag zum Problem der Adsorptionskatalyse. (German) [Contribution to the problem of adsorption catalysis]. *Nachr. Ges. Wiss. Göttingen*, ??(??):77–89, ???? 1930. CODEN ???? ISSN ????

Born:1925:SME

[BF31] M. Born and J. Franck, editors. *Struktur der Materie in Einzeldarstellungen. (German) [Structure of Matter in Monographs]*. Julius Springer, Berlin, Germany, 1925–1931. ???? pp. LCCN ???? Thirteen volumes issued over seven years.

Born:1933:QZG

[BF33] Max Born and S. Flugge. Zur Quantenmechanik des Zweiatomsystems. (German) [Toward a quantum mechanics of diatomic systems]. *Annalen der Physik (1900)*, 16(??):768–780, ???? 1933. CODEN ???? ISSN ????

Born:1938:SMC

[BF38] Max Born and Klaus Fuchs. The statistical mechanics of condensing systems. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 166(926):391–414, June 3, 1938. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/166/926/391; http://www.jstor.org/stable/pdfplus/97007.pdf`.

Born:1939:FERa

[BF39a] Max Born and Klaus Fuchs. On fluctuations in electromagnetic radiation. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 170(941):252–265, March 21, 1939. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/170/941/252`.

Born:1939:FERb

[BF39b] Max Born and Klaus Fuchs. On fluctuations in electromagnetic radiation. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 172(951):465–466, September 4, 1939. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/172/951/465`.

Born:1940:MCRa

[BF40a] Max Born and Klaus Fuchs. The mass centre in Relativity. *Nature*, 145(3676):587, April 13, 1940. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v145/n3676/pdf/145587a0.pdf`.

Born:1940:MCRb

[BF40b] Max Born and Klaus Fuchs. Mass centre in Relativity. *Nature*, 145(3685):933, June 15, 1940. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v145/n3685/pdf/145933b0.pdf`.

Born:1940:RIS

[BF40c] Max Born and Klaus Fuchs. Reciprocity II. Scalar wave functions. *Proceedings of the Royal Society of Edinburgh*, 60(1):100–116, ????

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Born:1940:RIR

[BF40d] Max Born and Klaus Fuchs. Reciprocity III. Reciprocal wave functions. *Proceedings of the Royal Society of Edinburgh*, 60(2):141–146, ???? 1940. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic).

Born:1940:SCLc

[BF40e] Max Born and Reinhold Fürth. The stability of crystal lattices. III. An attempt to calculate the tensile strength of a cubic lattice by purely static considerations. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 36(4): 454–465, October 1940. CODEN PCPSA4. ISSN 0008-1981.

Born:1963:QZG

[BF63a] Max Born and S. Flügge. Zur Quantenmechanik des Zweiatomsystems. (German) [Toward a quantum mechanics of diatomic systems]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 67, pages 417–429. LCCN ???? Reprinted from Ann. Physik **16**, 768–780 (1933).

Born:1963:BAG

[BF63b] Max Born and V. Fock. Beweis des Adiabatensatzes. (German) [Proof of the adiabatic theorem]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 62, pages 338–353. LCCN ???? Reprinted from Z. Physik **51**, 165–180 (1928).

Born:1963:BPA

[BF63c] Max Born and James Franck. Beitrag zum Problem der Adsorptionskatalyse. (German) [Contribution to the problem of adsorption catalysis]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 65, pages 382–395. LCCN ???? Reprinted from Nachr. Ges. Wiss. Göttingen **1930**, 77–89.

Born:1963:QMGa

[BF63d] Max Born and James Franck. Quantentheorie und Molekelbildung. (German) [Quantum theory and molecular formation]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 51, pages 78–96. LCCN ???? Reprinted from Z. Physik **81**, 411–429 (1925).

Born:1946:LDB

[BFL46] M. Born, R. Fürth, and R. Ladenburg. Long duration of the Balmer spectrum in hydrogen. *Nature*, 157(3980):159, February 9, 1946. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v157/n3980/pdf/157159a0.pdf.

Born:1945:PEF

[BFP45] Max Born, Reinhold Fürth, and R. W. Pringle. A photo-electric Fourier transformer. *Nature*, 156(3973):756–757, December 22, 1945. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v156/n3973/pdf/156756a0.pdf.

Born:1963:PEF

[BFP63] Max Born, R. Fürth, and R. W. Pringle. A photo electric Fourier-transformer. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 5, pages 192–195. LCCN ???? Reprinted from Nature **156**, 756 (1945).

Born:1921:EGGb

[BG21a] Max Born and Walter Gerlach. Elektronenaffinität und Gittertheorie. (German) [Electron affinity and lattice theory]. *Zeitschrift für Physik*, 5(5–6):433–441, September 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01327680.

Born:1921:ZLG

[BG21b] Max Born and Walter Gerlach. Über die Zerstreuung des Lichtes in Gasen. (German) [On the scattering of light in gases]. *Zeitschrift für Physik*, 5(5–6):374–375, September 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01327671.

Born:1946:GKT

[BG46] Max Born and Herbert S. Green. A general kinetic theory of liquids. I. The molecular distribution functions. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 188(1012):10–18, December 31, 1946. CODEN PRLAAZ. ISSN 0080-4630. URL http://rspa.royalsocietypublishing.org/content/188/1012/10.

Born:1947:GKTc

[BG47a] Max Born and Herbert S. Green. A general kinetic theory of liquids. III. Dynamical properties. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 190 (1023):455–474, September 9, 1947. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/190/1023/455`.

Born:1947:GKTd

[BG47b] Max Born and Herbert S. Green. A general kinetic theory of liquids. IV. Quantum mechanics of fluids. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 191(1025):168–181, November 11, 1947. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/191/1025/168`.

Born:1947:KTL

[BG47c] Max Born and Herbert S. Green. A kinetic theory of liquids. *Nature*, 159(4034):251–254, February 22, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v159/n4034/pdf/159251a0.pdf`.

Born:1947:QTL

[BG47d] Max Born and Herbert Sydney Green. Quantum theory of liquids. *Nature*, 159(4048):738–739, May 31, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v159/n4048/pdf/159738a0.pdf`.

Born:1948:KBT

[BG48] Max Born and Herbert S. Green. The kinetic basis of thermodynamics. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 192(1029):166–180, February 4, 1948. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/192/1029/166`.

Born:1949:GKT

[BG49] Max Born and Herbert S. Green. *A General Kinetic Theory of Liquids*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1949. ???? pp. LCCN ????

Born:1961:ES

[BG61] Max Born and G. Glaser. Erwin Schrödinger/Wilhelm Keil 70 Jahre. *Physikalische Blätter*, 17(2):85–87, February 1961.

CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL http://onlinelibrary.wiley.com/doi/10.1002/phbl.19610170205/abstract.

Born:1963:GKT

[BG63] Max Born and H. S. Green. A general kinetic theory of liquids. I. The molecular distribution functions. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 46, pages 710–?? LCCN ???? Reprinted from Proc. Roy. Soc. A **188**, 10–18 (1946).

Born:1949:QTR

[BGCR49] Max Born, Herbert S. Green, K. C. Cheng, and A. E. Rodriguez. Quantum theory of rest masses. *Proceedings of the Royal Society of Edinburgh. Section A, Mathematical and physical sciences*, 62(4): 470–488, ???? 1949. CODEN PEAMDU. ISSN 0308-2105 (print), 1473-7124 (electronic). With appendices by K. C. Cheng and A. E. Rodriguez.

Born:1990:QMI

[BGĬ90] M. Born, V. Geĭzenberg, and P. Ĭordan. Quantum mechanics. II (a fragment). In *Einstein collection, 1986–1990 (Russian)*, pages 146–157. "Nauka", Moscow, Russia, 1990. Translated from the German by A. N. Temchin.

Born:1950:GKT

[BGK50] Max Born, Herbert S. Green, and John G. Kirkwood. A general kinetic theory of liquids. *Physics Today*, 3(10):35–37, October 1950. CODEN PHTOAD. ISSN 0031-9228 (print), 1945-0699 (electronic). URL http://link.aip.org/link/?PTO/3/35/2; http://physicstoday.org/resource/1/phtoad/v3/i10/p35_s2.

Born:1933:DGKb

[BGM33a] Max Born and M. Göppert-Mayer. Dynamische Gittertheorie der Kristalle. (German) [Dynamical lattice theory of crystals]. In *Handbuch der Physik*, volume 24/2, pages 623–794. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second edition, 1933.

Born:1933:DGKa

[BGM33b] Max Born and Maria Göppert-Mayer. *Dynamische Gittertheorie Kristalle. (German) [Dynamical crystal lattice theory]*. Springer-

Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1933. ???? pp. LCCN ????

Born:1923:EIA

[BH23a] Max Born and Werner Heisenberg. Die Elektronenbahnen im angeregten Heliumatom. (German) [The electron trajectories in the excited helium atom]. *Zeitschrift für Physik*, 16(1):229–243, December 1923. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01327396; http://www.springerlink.com/content/t75836n61671070k/.

Born:1923:PBM

[BH23b] Max Born and Werner Heisenberg. Über Phasenbeziehungen bei den Bohrschen Modellen von Atomen und Molekeln. (German) [On phase relations in the Bohr model of atoms and molecules]. *Zeitschrift für Physik*, 14(1):44–55, December 1923. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://www.springerlink.com/content/v71005762t157n89/.

Born:1923:QMM

[BH23c] Max Born and Erich Hückel. Zur Quantentheorie mehratomiger Molekeln. (German) [Toward a quantum theory of polyatomic molecules]. *Physikalische Zeitschrift*, 24(1):1–12, January 1, 1923. CODEN PHZTAO. ISSN 0369-982X. URL https://jscholarship.library.jhu.edu/handle/1774.2/214.

Born:1924:EDI

[BH24a] Max Born and Werner Heisenberg. Über den Einfluß der Deformierbarkeit der Ionen auf optische und chemische Konstanten. I. (German) [On the influence of the deformability of ions on optical and chemical constants. I]. *Zeitschrift für Physik*, 23(1):388–410, December 1924. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://www.springerlink.com/content/h0588704m33v5l60/.

Born:1924:QMG

[BH24b] Max Born and Werner Heisenberg. Zur Quantentheorie der Molekeln. (German) [Toward a quantum theory of molecules]. *Annalen der Physik (1900)*, 379(9):1–31, ???? 1924. CODEN ???? ISSN 1521-3889.

Born:1925:VAG

[BH25] Max Born and Friedrich Hund. *Vorlesungen über Atommechanik. (German) [Lectures on atom mechanics]*, volume 2 of *Struktur der Materie in Einzeldarstellungen*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1925. x + 358 pp. LCCN ???? English translation in [BH27, Bor60c].

Born:1927:MA

[BH27] Max Born and Friedrich Hund. *Mechanics of the Atom*. Bell, London, UK, 1927. xvi + 317 pp. LCCN ???? Reprinted in [Bor60c].

Born:1928:MQF

[BH28] Max Born and Werner Heisenberg. La mécanique des quanta. (French) [The mechanics of quanta]. In ????, editor, *Electrons et Photons: Rapports et Discussions du Cinquième Conseil de Physique Tenu à Bruxelles du 24 au 29 Octobre 1927 sous les Auspices de l'Institut International de Physique Solvay*, pages 143–184. Gauthier-Villars et cie, Paris, France, 1928. LCCN ????

Born:1954:DTC

[BH54] Max Born and Kun Huang. *Dynamical Theory of Crystal Lattices*. International Series of Monographs on Physics. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1954. xii + 420 pp. LCCN ????

Born:1955:SDM

[BH55] Max Born and D. J. Hooton. Statistische Dynamik mehrfach periodischer Systeme. (German) [Statistical dynamics of multiperiodic systems]. *Zeitschrift für Physik*, 142(2):201–218, April 1955. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01329422`.

Born:1956:SDM

[BH56] Max Born and D. J. Hooton. Statistical dynamics of multiply-periodic systems. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 52(2):287–300, April 1956. CODEN PCPSA4. ISSN 0008-1981.

Born:1963:EIA

[BH63a] Max Born and Werner Heisenberg. Die Elektronenbahnen im angeregten Heliumatom. (German) [Electron orbits in the excited helium atom]. In *Ausgewählte Abhandlungen. (German) [Selected* *works]* [Bor63d], chapter 48, pages 23–37. LCCN ???? Reprinted from Z. Physik **16**, 229–243 (1923).

Born:1963:EDI

[BH63b] Max Born and Werner Heisenberg. Über den Einfluß der Deformierbarkeit der Ionen auf optische und chemische Konstanten I. (German) [On the influence of the deformability of ions on optical and chemical constants I]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 49, pages 38–60. LCCN ???? Reprinted from Z. Physik **23**, 388–410 (1924).

Born:1975:QM

[BH75] Max Born and Werner Heisenberg. 5. quantum mechanics. In Mehra [Meh75], chapter 6, pages 146–149. ISBN 90-277-0635-2. LCCN QC1.S792 M43.

Born:1984:MQ

[BH84] Max Born and Werner Heisenberg. La mécanique des quanta. (French) [The mechanics of quanta]. In Blum et al. [BDR84], pages 58–99. ISBN 3-642-61743-3 (print), 3-642-61742-5 (e-book). LCCN ???? URL `http://link.springer.com/chapter/10.1007/978-3-642-61742-3_7/`.

Born:1988:DTC

[BH88] Max Born and Kun Huang. *Dynamical theory of crystal lattices*. Oxford Classic Texts in the Physical Sciences. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1988. xii + 420 pp. UK£20.00.

Born:1926:QIG

[BHJ26] Max Born, Werner Heisenberg, and Pascual Jordan. Zur Quantenmechanik II. (German) [Toward quantum mechanics. II]. *Zeitschrift für Physik*, 35(8–9):557–615, August 1926. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01379806; http://www.springerlink.com/content/r46w151t550pl624/`. English translation in [BHJ67].

Born:1962:BMG

[BHJ62] Max Born, Werner Heisenberg, and Pascual Jordan, editors. *Zur Begründung der Matrizenmechanik. (German) [Toward the Foundations of Matrix Mechanics]*, volume 2 of *Dokumente der Natur-*

wissenschaft. Abteilung Physik. E. Battenberg, Stuttgart, Germany, 1962. 135 pp. LCCN QC174.3 .Z8.

Born:1963:QIG

[BHJ63] Max Born, Werner Heisenberg, and Pascal Jordan. Zur Quantenmechanik II. (German) [Toward quantum mechanics II]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 54, pages 155–213. LCCN ???? Reprinted from Z. Physik **85**, 557–615 (1926).

Born:1967:QMc

[BHJ67] Max Born, Werner Heisenberg, and Pascual Jordan. On quantum mechanics II. In van der Waerden [vdW67], pages 321–385. LCCN QC174.12 S655. English translation of [BHJ26].

Born:1921:RSE

[BHvL21] Max Born, David Hilbert, and Max von Laue. Ruhm, Soldner, und Einstein. (German) [Fame, Soldner, and Einstein]. *Frankfurter Zeitung*, November 6, 1921. Critical comments on [vS21].

Born:1933:LEM

[BI33a] Max Born and L. Infeld. Letter: Electromagnetic mass. *Nature*, 132(3347):970, December 23, 1933. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v132/n3347/pdf/132970a0.pdf`.

Born:1933:LFN

[BI33b] Max Born and Leopold Infeld. Letter: Foundations of the new field theory. *Nature*, 132(3348):1004, December 30, 1933. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v132/n3348/pdf/1321004b0.pdf`.

Born:1934:FNF

[BI34a] Max Born and L. Infeld. Foundations of the new field theory. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 144(852):425–451, March 29, 1934. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/144/852/425.full.pdf+html`.

Born:1934:QNF

[BI34b] Max Born and L. Infeld. On the quantisation of the new field equations. I. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 147(862):522–546, December 1, 1934. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/147/862/522`.

Born:1934:RPF

[BI34c] Max Born and L. Infeld. Remarks on the paper by Frenkel on Born's theory of the electron. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 146(859):935, October 15, 1934. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/146/859/935`. See [Fre34].

Born:1934:DEO

[BI34d] Max Born and Leopold Infeld. Déduction de l'équation d'ondes de Dirac à partir de l'électrodynamique quantique. (French) [Derivation of the Dirac wave equation from quantum electrodynamics]. *Comptes rendus de l'Académie des sciences, Paris*, 199(??):1596–1598, ???? 1934. CODEN ???? ISSN ????

Born:1934:PNE

[BI34e] Max Born and Leopold Infeld. Principes de la nouvelle électrodynamique quantique. (French) [Principles of the new quantume electrodynamics]. *Comptes rendus de l'Académie des sciences, Paris*, 199(??):1297–1299, ???? 1934. CODEN ???? ISSN ????

Born:1935:QNF

[BI35] Max Born and L. Infeld. On the quantization of the new field theory. II. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 150(869):141–166, May 1, 1935. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/150/869/141`.

Born:1963:FNF

[BI63a] Max Born and Leopold Infeld. Foundations of the new field theory. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 74, pages 514–540. LCCN ???? Reprinted from Proc. Roy. Soc. **A 144**, 425–451 (1934).

Born:1963:QNF

[BI63b] Max Born and Leopold Infeld. On the quantisation of the new field equations I. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 75, pages 541–559. LCCN ???? Reprinted from Proc. Roy. Soc. **A 147**, 522–546 (1934).

Born:1967:EEG

[BI67] Max Born and Leopold Infeld. *Erinnerungen an Einstein. (German) [Memories of Einstein]*. Union-Verlag, Berlin, West Germany, 1967. ?? pp. LCCN ????

Born:1969:EEG

[BI69] Max Born and Leopold Infeld. *Erinnerungen an Einstein. (German) [Memories of Einstein]*. Union-Verlag, Berlin, West Germany, 1969. 74 pp. LCCN ????

Born:1925:QGT

[BJ25a] Max Born and Pascual Jordan. Zur Quantenmechanik. (German) [Toward quantum mechanics]. *Zeitschrift für Physik*, 34(1): 858–888, December 1925. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01328531. English translation of pages 858–882 in [BJ67].

Born:1925:QAV

[BJ25b] Max Born and Pascual Jordan. Zur Quantentheorie aperiodischer Vorgänge. (German) [Toward the quantum theory of aperiodic processes]. *Zeitschrift für Physik*, 33(1):479–505, December 1925. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01328329.

Born:1930:EQI

[BJ30] Max Born and Pascual Jordan. *Elementare Quantenmechanik. (II. Band der Vorlesungen über Atommechanik). (German) [Elementary quantum mechanics. II. Volume of lectures on atom mechanics]*, volume 9 of *Struktur der Materie in Einzeldarstellungen*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1930. xi + 434 pp. LCCN ????

Born:1963:QGQb

[BJ63a] Max Born and Pascal Jordan. Zur Quantenmechanik. (German) [Toward quantum mechanics]. In *Ausgewählte Abhandlungen. (Ger-*

man) [Selected works] [Bor63d], chapter 53, pages 124–154. LCCN ???? Reprinted from Z. Physik **34**, 858–888 (1925).

Born:1963:QAV

[BJ63b] Max Born and Pascal Jordan. Zur Quantentheorie aperiodischer Vorgänge. (German) [Toward the quantum theory of aperiodic processes]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 52, pages 97–123. LCCN ???? Reprinted from Z. Physik **83**, 479–505 (1925).

Born:1967:QMb

[BJ67] Max Born and Pascual Jordan. On quantum mechanics. In van der Waerden [vdW67], pages 277–306. LCCN QC174.12 S655. English translation of pages 858–882 of [BJ25a].

Born:1977:QM

[BJ77] M. Born and P. Jordan. Quantum mechanics. *Uspekhi Fizicheskikh Nauk*, 122(4):586–611, ???? 1977. CODEN UFNAAG. ISSN 0042-1294 (print), 1996-6652 (electronic).

Born:1925:TSA

[BJN25] Max Born, P. Jordan, and L. Nordheim. Zur Theorie der Stossanregung von Atomen und Molekülen. (German) [Toward the theory of collision excitation of atoms and molecules]. *Naturwissenschaften*, 13(??):969–970, ???? 1925. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1912:SRG

[BK12] Max Born and Th. V. Kármán. Über Schwingungen in Raumgittern. (German) [On vibrations in space lattices]. *Physikalische Zeitschrift*, 13(8):297–309, April 15, 1912. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015023176806%3Bseq=361%3Bview=1up.

Born:1923:ZDS

[BK23] Max Born and H. Kornfeld. Über den Zusammenhang des Dipolmoments und der Sublimationswärme der Halogenwasserstoffe. (German) [On the link between the dipole moment and heat of sublimation of the hydrogen halides]. *Physikalische Zeitschrift*, 24(6):121–124, March 15, 1923. CODEN PHZTAO. ISSN 0369-982X. URL https://jscholarship.library.jhu.edu/handle/1774.2/214.

Born:1958:AAN

[BKCK58] Max Born, H. Kortum, T. Cumme, and Karl Kromphardt. Aussprache über Atomgefahren: Über die Notwendigkeit des Umdenkens. (German) [Debate on nuclear dangers: on the necessity of rethinking]. *Physikalische Blätter*, 14(1):26–35, January 1958. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1002/phbl.19580140106/abstract`.

Born:1911:VEA

[BL11] Max Born and Rudolf Ladenburg. Über das Verhältnis von Emissions- und Absorptionsvermögen bei stark absorbierenden Körpern. (German) [On the relationship between emission and absorbance in strongly absorbing bodies]. *Physikalische Zeitschrift*, 12(6):198–202, March 15, 1911. CODEN PHZTAO. ISSN 0369-982X. URL `http://babel.hathitrust.org/cgi/pt?id=mdp.39015011417709%3Bseq=234%3Bview=1up`.

Born:1918:KBA

[BL18a] Max Born and A. Landé. Kristallgitter und Bohrsches Atommodell. (German) [Crystal lattice and Bohr's atomic model]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(21–24):202–209, December 30, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1918:ABK

[BL18b] Max Born and A. Landé. Über die absolute Berechnung der Kristalleigenschaften mit Hilfe Bohrscher Atommodelle. (German) [On the calculation of absolute crystal properties using Bohr atomic models]. *S. B. preuss. Akad. Wiss. Berlin*, ??(??):1048–1068, ???? 1918. CODEN ???? ISSN ????

Born:1918:BKR

[BL18c] Max Born and A. Landé. Über die Berechnung der Kompressibilität regulärer Kristalle aus der Gittertheorie. (German) [On the calculation of the compressibility of regular crystals from lattice theory]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(21–24):210–216, December 30, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1919:ABH

[BL19] Max Born and A. Landé. Antwort auf die Bemerkungen des Herrn L. Vegard zu unseren Arbeiten über Kristallgitter und Bohrsches

Atommodell. (German) [Response to the remarks of Mr. L. Vegard to our studies on the crystal lattice and Bohr atomic model]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 21(11–12): 385–387, June 30, 1919. CODEN VDPEAZ. ISSN 0372-5448.

Born:1942:TVD

[BL42] Max Born and Kathleen Lonsdale. Temperature variation of diffuse scattering of X-rays by crystals. *Nature*, 150(3808):490, October 24, 1942. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v150/n3808/pdf/150490a0.pdf`.

Born:1943:DFL

[BL43] Max Born and Walter Ledermann. Density of frequencies in lattice dynamics. *Nature*, 151(3824):197–198, February 13, 1943. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v151/n3824/pdf/151197a0.pdf`.

Born:1958:QKT

[BL58] Max Born and W. Ludwig. Zur Quantenmechanik des kräftefreien Teilchens. (German) [Toward a quantum mechanics of an inertial particle]. *Zeitschrift für Physik*, 150(1):106–117, February 1958. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01338519`.

Born:1963:KBA

[BL63a] Max Born and A. Landé. Kristallgitter und Bohrsches Atommodell. (German) [Crystal lattice and Bohr's atomic model]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 16, pages 348–355. LCCN ???? Reprinted from Verh. Dtsch. Physik. Ges. **20**, 202–209 (1918).

Born:1963:ABK

[BL63b] Max Born and A. Landé. Über die absolute Berechnung der Kristalleigenschaften mit Hilfe Bohrscher Atommodelle. (German) [On the absolute calculation of crystal properties using Bohrian atom models]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 15, pages 327–347. LCCN ???? Reprinted from S. B. Preuß. Akad. Wiss. Berlin **1918**, 1048–1068.

Born:1963:BKR

[BL63c] Max Born and A. Landé. Über die Berechnung der Kompressibilität regulärer Kristalle aus der Gittertheorie. (German) [On calculating the compressibility of regular crystals from lattice theory]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 17, pages 356–362. LCCN ???? Reprinted from Verh. Dtsch. Physik. Ges. **20**, 210–216 (1918).

Born:1963:QKT

[BL63d] Max Born and W. Ludwig. Zur Quantenmechanik des kräftefreien Teilchens. (German) [Toward a quantum mechanics of an inertial particle]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 69, pages 442–453. LCCN ???? Reprinted from Z. Physik **150**, 106–117 (1958).

Blanche:1958:BRB

[Bla58] R. Blanché. Book review: *L'expérience et la théorie en physique*, by Max Born and J.-P. Mathieu. *Revue Philosophique de la France et de l'Étranger*, 148(??):123, ???? 1958. CODEN ???? ISSN 0035-3833 (print), 2104-385X (electronic). URL `http://www.jstor.org/stable/41089692`; `http://www.jstor.org/stable/pdfplus/41089692.pdf`.

Blagonravov:1967:CSR

[Bla67] Anatoly Blagonravov. Comments: Space research justified by needs of science. *Bulletin of the Atomic Scientists*, 23(8):40–42, October 1967. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See comment [Bor68b].

Blanchard:2008:CSE

[Bla08] Ph. Blanchard. Composite systems: Entanglement, envariance, events and Born's rule. *European Physical Journal — Special Topics*, 159(??):37–45, ???? 2008. CODEN EPJSAC. ISSN 1951-6355 (print), 1951-6401 (electronic).

Born:1942:QTDa

[BLS42] Max Born, Kathleen Lonsdale, and Helen M. J. Smith. Quantum theory and diffuse X-ray reflexions. *Nature*, 149(3780):402–403, April 11, 1942. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1932:GIG

[BM32] Max Born and Joseph E. Mayer. Zur Gittertheorie der Ionenkrystalle. (German) [Toward a lattice theory of ionic crystals]. *Zeitschrift für Physik*, 75(1–2):1–18, January 1932. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01340511.

Born:1940:SCLd

[BM40] Max Born and Rama Dhar Misra. On the stability of crystal lattices. IV. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 36(4):466–478, October 1940. CODEN PCPSA4. ISSN 0008-1981.

Born:1963:GIG

[BM63] Max Born and J. E. Mayer. Zur Gittertheorie der Ionenkristalle. (German) [Toward a lattice theory of ionic crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 29, pages 509–526. LCCN ???? Reprinted from Z. Physik **76**, 1–18 (1932).

Born:1936:NTLa

[BN36a] Max Born and N. S. Nagendra Nath. The neutrino theory of light. *Proceedings — Indian Academy of Sciences, Section A*, 3(??):318–337, ???? 1936. CODEN PISAA7. ISSN 0370-0089.

Born:1936:NTLb

[BN36b] Max Born and N. S. Nagendra Nath. The neutrino theory of light. II. *Proceedings — Indian Academy of Sciences, Section A*, 4(??): 611–620, ???? 1936. CODEN PISAA7. ISSN 0370-0089.

Badino:2013:RPH

[BN13] Massimiliano Badino and Jaume Navarro. *Research and Pedagogy: a History of Quantum Physics Through Its Textbooks*, volume 2 of *Max Planck research library for the history and development of knowledge. Studies*. Edition Open Access, Berlin, Germany, 2013. ISBN 3-8442-5871-X. 302 pp. LCCN QC173.98. URL http://www.edition-open-access.de/studies/2/.

Born:1907:VWG

[BO07] Max Born and Erich Oettinger. Variationsprinzipe der Wärmetheorie. (German) [Variational principles of thermodynamics]. *Physikalische Zeitschrift*, 8(17):572–580, September 1, 1907. CODEN PHZ-

TAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015068320954%3Bseq=604%3Bview=1up.

Born:1927:QMG

[BO27] Max Born and R. Oppenheimer. Zur Quantentheorie der Molekeln. (German) [Toward a quantum theory of molecules]. *Annalen der Physik (1900)*, 84(20):457–484, ???? 1927. CODEN ANPYA2. ISSN 0003-3804 (print), 1521-3889 (electronic). URL http://onlinelibrary.wiley.com/doi/10.1002/andp.19273892002/abstract. This paper introduces the now widely-used Born–Oppenheimer approximation that allows separation of electronic and nuclear motion. See also English translation [BO98].

Born:1963:QMGb

[BO63] Max Born and J. Robert Oppenheimer. Zur Quantentheorie der Molekeln. (German) [Toward a quantum theory of molecules]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 61, pages 310–337. LCCN ???? Reprinted from Ann. Physik. **84**, 457–484 (1927).

Born:1998:QTM

[BO98] M. Born and R. Oppenheimer. On the quantum theory of molecules. *Rev. Acad. Colombiana Cienc. Exact. Fís. Natur.*, 22 (84):375–391, 1998. CODEN ???? ISSN 0370-3908. Translated from the 1927 German original [BO27] by Arnulfo Poveda, José Luis Villaveces and Gloria Esperanza Moyano.

Bonitz:2005:KFE

[Bon05] Manfred Bonitz. Klaus Fuchs — the enduring contribution to physics from his British period. *Scientometrics*, 62(3):343–350, March 2005. CODEN SCNTDX. ISSN 0138-9130 (print), 1588-2861 (electronic). URL http://link.springer.com/article/10.1007/s11192-005-0026-4.

Born:1906:USE

[Bor06] Max Born. *Untersuchungen über die Stabilität der elastischen Linie in Ebene und Raum unter verschiedenen Grenzbedingungen. [Studies on the stability of the elastic line in the plane and in space under different limiting conditions]*. Ph.D. dissertation, Universität Göttingen, Göttingen, Germany, 1906. URL http://genealogy.math.ndsu.nodak.edu/id.php?id=18344. Preisschrift und Inaugural-Dissertation. [Prize-winning inaugural dissertation.].

Born:1909:BAT

[Bor09a] Max Born. Berichtigung zu der Arbeit: Die Theorie des starren Elektrons in der Kinematik des Relativitätsprinzips. (German) [Correction to the work: The theory of the electron in the rigid kinematics of the Principle of Relativity]. *Annalen der Physik (1900)*, 335(15):840, ???? 1909. ISSN 1521-3889. See [Bor09b].

Born:1909:TSE

[Bor09b] Max Born. Die Theorie des starren Elektrons in der Kinematik des Relativitätsprinzips. (German) [The theory of the rigid electron in the kinematics of the Principle of Relativity]. *Annalen der Physik (1900)*, 30(??):1–56, ???? 1909. CODEN ???? ISSN ???? See correction [Bor09a].

Born:1909:TMR

[Bor09c] Max Born. Die träge Masse und das Relativitätsprinzip. (German) [The inertial mass and the Principle of Relativity]. *Annalen der Physik (1900)*, 28(3):571–584, ???? 1909. CODEN ???? ISSN ????

Born:1909:TAH

[Bor09d] Max Born. Über das Thomsonsche Atommodell (Habilitationsvortrag, Göttingen). (German) [On Thomson's atomic model (habilitation lecture, Göttingen)]. *Physikalische Zeitschrift*, 10(25): 1031–1034, December 15, 1909. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015023919049%3Bseq=1107%3Bview=1up.

Born:1909:DEKa

[Bor09e] Max Born. Über die Dynamik des Elektrons in der Kinematik des Relativitätsprinzips. (German) [On the dynamics of the electron in the kinematics of the Principle of Relativity]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 11(21):617–623, November 15, 1909. CODEN VDPEAZ. ISSN 0372-5448. Also in [Bor09f].

Born:1909:DEKb

[Bor09f] Max Born. Über die Dynamik des Elektrons in der Kinematik des Relativitätsprinzips. (German) [On the dynamics of the electron in the kinematics of the Principle of Relativity]. *Physikalische Zeitschrift*, 10(22):814–817, November 10, 1909. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015023919049%3Bseq=868%3Bview=1up. Also in [Bor09e].

Born:1909:VEK

[Bor09g] Max Born. Über eine Verallgemeinerung der Eulerschen Knickformel. (German) [A generalization of Euler's buckling formula]. *Physikalische Zeitschrift*, 10(11):383–387, June 1, 1909. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015023919049%3Bseq=419%3Bview=1up.

Born:1910:BMA

[Bor10a] Max Born. Berichtigung zu meiner Arbeit 'Zur Elektrodynamik bewegter Körper'. (German) [Correction to my work 'on the electrodynamics moving bodies']. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 12(18–19):730, October 15, 1910. CODEN VDPEAZ. ISSN 0372-5448. See [Bor10d].

Born:1910:AGE

[Bor10b] Max Born. Eine Ableitung der Grundgleichungen für die elektromagnetischen Vorgänge in bewegten Körpern vom Standpunkte der Elektronentheorie (Aus dem Nachlass von Hermann Minkowski bearbeitet von Max Born). (German) [A derivation of the basic equations for electromagnetic processes in moving bodies from the standpoint of the theory of electrons (from the estate of Hermann Minkowski, edited by Max Born)]. *Mathematische Annalen*, 68(??): 526–551, ???? 1910. CODEN MAANA3. ISSN 0025-5831 (print), 1432-1807 (electronic).

Born:1910:DSK

[Bor10c] Max Born. Über die Definition des starren Körpers in der Kinematik des Relativitäts-prinzips. (German) [On the definition of a rigid body in the kinematics of the Principle of Relativity]. *Physikalische Zeitschrift*, 11(6):233–234, March 15, 1910. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=nyp.33433090815337%3Bseq=285%3Bview=1up.

Born:1910:EBK

[Bor10d] Max Born. Zur Elektrodynamik bewegter Körper. (German) [Toward the electrodynamics of moving bodies]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 12(10):457–467, May 30, 1910. CODEN VDPEAZ. ISSN 0372-5448. See correction [Bor10a].

Born:1910:KSK

[Bor10e] Max Born. Zur Kinematik des starren Körpers im System des Relativitätsprinzips. (German) [Kinematics of rigid bodies in the system of the Principle of Relativity]. *Nachr. Ges. Wiss. Göttingen*, ??(??):161–179, ???? 1910. CODEN ???? ISSN ????

Born:1911:ERG

[Bor11] Max. Born. Elastizitätstheorie und Relativitätstheorie. (German) [Elasticity theory and Relativity Theory]. *Physikalische Zeitschrift*, 12(14):569–575, July 15, 1911. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015011417709%3Bseq=623%3Bview=1up.

Born:1912:LBM

[Bor12a] Max Born. Lichtfortpflanzung in bewegten Medien. (German) [Light propagation in moving media]. In *Handwörterb. Naturwiss*, volume 6, pages 287–294. Gustav Fischer, Jena, Germany, 1912.

Born:1912:PP

[Bor12b] Max Born. Prinzipien der Physik. (German) [Principles of physics]. In *Handwörterb. d. Naturwiss*, volume 6, pages 1118–1126. Gustav Fischer, Jena, Germany, 1912.

Born:1913:TWQ

[Bor13a] Max Born. Die Theorie der Wärmestrahlung und die Quantenhypothese. (German) [The theory of heat radiation and the quantum hypothesis]. *Naturwissenschaften*, 1(??):499–504, ???? 1913. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1913:IGI

[Bor13b] Max Born. Infinitesimalrechnung. (German) [Infinitesimal calculation]. In *Handwörterb. Naturwiss*, volume 5, pages 413–425. Gustav Fischer, Jena, Germany, ???? 1913.

Born:1913:RGS

[Bor13c] Max Born. Raum. (German) [Space]. In *Handwürterb. Naturwiss*, volume 7, pages 120–?? Gustav Fischer, Jena, Germany, ???? 1913. CODEN ???? ISSN ????

Born:1913:REH

[Bor13d] Max Born. Zum Relativitätsprinzip: Entgegnung auf Herrn Gehrcke's Artikel 'Die gegen die Relativitätstheorie erhobenen Einwande'. (German) [On the Principle of Relativity: reply to Mr. Gehrcke's article 'the Theory of Relativity for the moving charges']. *Naturwissenschaften*, 1(??):92–94, 191–192, ???? 1913. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1913:KTM

[Bor13e] Max Born. Zur kinetischen Theorie der Materie. (German) [Toward the kinetic theory of matter]. *Naturwissenschaften*, 1(??):297–299, ???? 1913. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1914:IES

[Bor14a] Max Born. Der Impuls-Energie-Satz in der Elektrodynamik von Gustav Mie. (German) [The pulse-energy theorem in Gustav Mie's electrodynamics]. *Nachr. Ges. Wiss. Göttingen*, ??(??):23–37, ???? 1914. CODEN ???? ISSN ????

Born:1914:EBE

[Bor14b] Max Born. Die elektronentheoretische Begründung der Elektrodynamik bewegter Körper. (German) [The theoretical foundation of the electrodynamics of moving bodies]. *Jb. Radioakt*, 11(??):301–307, ???? 1914. CODEN ???? ISSN ????

Born:1914:MET

[Bor14c] Max Born. Über die Methode der Eigenschwingungen in der Theorie der specifischen Wärme. (German) [On the method of natural oscillations in the theory of specific heat]. *Physikalische Zeitschrift*, 15(4):185–191, February 15, 1914. CODEN PHZTAO. ISSN 0369-982X. URL `http://babel.hathitrust.org/cgi/pt?id=uc1.c2831834%3Bseq=217%3Bview=1up`.

Born:1914:RDG

[Bor14d] Max Born. Zur Raumgittertheorie des Diamanten. (German) [Toward the space lattice theory of diamond]. *Annalen der Physik (1900)*, 44(??):605–642, ???? 1914. CODEN ???? ISSN ????

Born:1915:BMH

[Bor15a] Max Born. Bemerkungen zu der Mitteilung des Herrn Karl Czukor: Zur Theorie der Dielektrika. (German) [Reponse to the communication of Mr. Charles Czukor: "Toward the theory of dielectrics"]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 17(10): 204, May 30, 1915. CODEN VDPEAZ. ISSN 0372-5448.

Born:1915:DKG

[Bor15b] Max Born. *Dynamik der Kristallgitter. (German) [Dynamics of crystal lattices]*. Teubner, Stuttgart, Germany; Leipzig, Germany, 1915. vii + 122 pp. LCCN ????

Born:1915:DDP

[Bor15c] Max Born. Über die Dispersion der Drehung der Polarisationsebene in Kristallen. (German) [On the dispersion of the rotation of the plane of polarization in crystals]. *Physikalische Zeitschrift*, 16(23):437–438, December 1, 1915. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=njp.32101054770928%3Bseq=487%3Bview=1up.

Born:1915:NOA

[Bor15d] Max Born. Über die natürliche optische Aktivität von Flüssigkeiten und Gasen. (German) [On the natural optical activity of liquids and gases]. *Physikalische Zeitschrift*, 16(13–14):251–258, July 15, 1915. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=njp.32101054770928%3Bseq=299%3Bview=1up.

Born:1915:OAK

[Bor15e] Max Born. Über die optische Aktivität der Kristalle. (German) [On the optical activity of crystals]. In Bergwitz [Ber15], pages 391–403. LCCN QD455 .F47 1915. URL http://catalog.hathitrust.org/api/volumes/oclc/47733990.html.

Born:1916:ETG

[Bor16a] Max Born. Einstein's Theorie der Gravitation und der allgemeinen Relativität. (German) [Einstein's Theory of Gravitation and General Relativity]. *Physikalische Zeitschrift*, 17(4):51–59, February 15, 1916. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015010783705%3Bseq=75%3Bview=1up.

Born:1916:AFG

[Bor16b] Max Born. Über anisotrope Flüssigkeiten. (German) [On anisotropic fluids]. *S. B. preuss. Akad. Wiss. Berlin*, ??(??):614–650, ???? 1916. CODEN ???? ISSN ????

Born:1917:ZLS

[Bor17] Max Born. Über die Zerstreuung des Lichtes in Substanzen mit anisotropen Molekeln. (German) [On the scattering of light in substances with anisotropic molecules]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 19(21–22):243–264, November 30, 1917. CODEN VDPEAZ. ISSN 0372-5448.

Born:1918:EMK

[Bor18a] Max Born. Die elektromagnetische Masse der Kristalle. (German) [The electromagnetic mass of crystals]. *S. B. preuss. Akad. Wiss. Berlin*, ??(??):712–718, ???? 1918. CODEN ???? ISSN ????

Born:1918:ENO

[Bor18b] Max Born. Elektronentheorie des natürlichen optischen Drehungsvermögens isotroper und anisotroper Flüssigkeiten. (German) [Electron theory of natural optical rotatory power of isotropic and anisotropic liquids]. *Annalen der Physik (1900)*, 55(??):177–240, ???? 1918. CODEN ???? ISSN ????

Born:1918:HH

[Bor18c] Max Born. H. Herkner. *Naturwissenschaften*, 6(??):179–??, ???? 1918. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1918:BAK

[Bor18d] Max Born. Über die Berechnung der absoluten Kristalldimensionen. (German) [On the calculation of absolute crystal dimensions]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(21–24):224–229, December 30, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1918:MBZ

[Bor18e] Max Born. Über die Maxwellsche Beziehung zwischen Brechungsindex und Dielektrizitätskonstante und über eine Methode zur Bestimmung der Ionenladung in Kristallen. (German) [On the relationship between Maxwell's refractive index and dielectric constant and a method for the determination of ionic charge of crystals]. *S. B. preuss. Akad. Wiss. Berlin*, ??(??):604–613, ???? 1918. CODEN ???? ISSN ????

Born:1918:UEZ

[Bor18f] Max Born. Über die ultraroten Eigenschwingungen zweiatomiger Kristalle. (German) [On the infra-red natural frequencies of diatomic crystals]. *Physikalische Zeitschrift*, 19(24):539–548, December 15, 1918. CODEN PHZTAO. ISSN 0369-982X. URL `http://babel.hathitrust.org/cgi/pt?id=mdp.39015056706941%3Bseq=625%3Bview=1up`.

Born:1918:ZLH

[Bor18g] Max Born. Über die Zerstreuung des Lichtes in H_2, O_2 und N_2. (German) [On the scattering of light in H_2, O_2 and N_2]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(1–4):16–32, February 28, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1918:KAG

[Bor18h] Max Born. Über kubische Atommodelle. (German) [On cubic atomic models]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 20(21–24):230–239, December 30, 1918. CODEN VDPEAZ. ISSN 0372-5448.

Born:1919:EHG

[Bor19a] Max Born. Die elektronenaffinität der Halogenatome. (German) [The electron affinity of halogen atoms]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 21(21—22):679–685, December 5, 1919. CODEN VDPEAZ. ISSN 0372-5448.

Born:1919:REI

[Bor19b] Max Born. *Die Relativitätstheorie Einsteins und ihre physikalischen Grundlagen. (German) [Einstein's Relativity Theory and its Physical Basis]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1919. ???? pp. LCCN ????

Born:1919:TAG

[Bor19c] Max Born. Eine thermochemische Anwendung der Gittertheorie. (German) [A thermochemical application of lattice theory]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 21(1–2):13–24, January 30, 1919. CODEN VDPEAZ. ISSN 0372-5448. This paper, with Haber's independent work [Hab19], is the origin of the famous "Born–Haber cycle" in thermodynamics.

Born:1919:ENKa

[Bor19d] Max Born. Über die elektrische Natur der Kohäsionskräfte fester Körper. (German) [On the electrical nature of the cohesive forces of solids]. *Annalen der Physik (1900)*, 61(??):87–106, ???? 1919. CODEN ???? ISSN ????

Born:1919:ENKb

[Bor19e] Max Born. Über die elektrische Natur der Kohäsionskräfte fester Körper. (German) [On the electrical nature of the cohesive forces of solids]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 21(15–16):533–538, August 30, 1919. CODEN VDPEAZ. ISSN 0372-5448.

Born:1919:MAE

[Bor19f] Max Born. Vom mechanischen Äther zur elektrischen Materie. (German) [From mechanical ether to electrical matter]. *Naturwissenschaften*, 7(??):136–141, ???? 1919. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1920:AGA

[Bor20a] Max Born. Das Atom. (German) [The atom]. *Naturwissenschaften*, 8(??):213–226, ???? 1920. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1920:AMD

[Bor20b] Max Born. *Der Aufbau der Materie. Drei Aufsätze über moderne Atomistik Elektronentheorie. (German) [The structure of matter. Three essays on modern atomic electron theory].* Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1920. ???? pp. LCCN ????

Born:1920:BZC

[Bor20c] Max Born. Die Brücke zwischen Chemie und Physik. (German) [The bridge between chemistry and physics]. *Naturwissenschaften*, 8(??):373–382, ???? 1920. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1920:REI

[Bor20d] Max Born. *Die Relativitätstheorie Einsteins und ihre physikalischen grundlagen gemeinverständlich dargestellt von Max Born. (German) [Einstein's Theory of Relativity and its physical foundations].* Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1920. x + 242 pp. LCCN QC6 .B65.

Born:1920:DMF

[Bor20e] Max Born. Eine direkte Messung der freien Weglänge neutraler Atome. (German) [A direct measurement of the free path of neutral atoms]. *Physikalische Zeitschrift*, 21(21–22):578–581, November 1–15, 1920. CODEN PHZTAO. ISSN 0369-982X. URL `http://babel.hathitrust.org/cgi/pt?id=mdp.39015086723080%3Bseq=644%3Bview=1up`.

Born:1920:EMG

[Bor20f] Max Born. *Enzyklopädie der Mathematik. (German) [Encyclopedia of Mathematics]*. Teubner, Stuttgart, Germany; Leipzig, Germany, 1920. ???? pp. LCCN ????

Born:1920:KBTa

[Bor20g] Max Born. Kritische Betrachtungen zur traditionellen Darstellung der Thermodynamik. (German) [Critical considerations for traditional representation of thermodynamics]. *Physikalische Zeitschrift*, 22(7):218–224, April 1, 1920. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015020056829%3Bseq=254%3Bview=1up.

Born:1920:KBTb

[Bor20h] Max Born. Kritische Betrachtungen zur traditionellen Darstellung der Thermodynamik. (German) [Critical considerations for traditional representation of thermodynamics]. *Physikalische Zeitschrift*, 22(8):249–254, April 15, 1920. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015020056829%3Bseq=287%3Bview=1up.

Born:1920:KBTc

[Bor20i] Max Born. Kritische Betrachtungen zur traditionellen Darstellung der Thermodynamik. (German) [Critical considerations for traditional representation of thermodynamics]. *Physikalische Zeitschrift*, 22(9):282–286, May 1, 1920. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015020056829%3Bseq=322%3Bview=1up.

Born:1920:BEIa

[Bor20j] Max Born. Über die Beweglichkeit der elektrolytischen Ionen. (German) [On the mobility of the electrolytic ion]. *Zeitschrift für Elektrochemie*, 26(??):401–403, ???? 1920. CODEN ZEELAI. ISSN 0372-8382.

Born:1920:BEIb

[Bor20k] Max Born. Über die Beweglichkeit der elektrolytischen Ionen. (German) [On the mobility of the electrolytic ion]. *Zeitschrift für Physik*, 1(3):221–249, June 1920. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01329168.

Born:1920:VHI

[Bor20l] Max Born. Volumen und Hydratationswärme der Ionen. (German) [Volume and heat of hydration of ions]. *Zeitschrift für Physik*, 1 (1):45–48, February 1920. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01881023`.

Born:1921:PNR

[Bor21a] Max Born. Die physikalische Natur der Röntgenstrahlen. (German) [The physical nature of X-rays]. *Umschau*, 25(??):29–32, ???? 1921. CODEN ???? ISSN ????

Born:1921:DMN

[Bor21b] Max Born. Über einen direkten mechanischen Nachweis des Dipolcharakters von Flüssigkeitsmolekeln. (German) [On direct mechanical dipole character of fluid molecules]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 2(??):53, ???? 1921. CODEN VDPEAZ. ISSN 0372-5448.

Born:1921:EGGa

[Bor21c] Max Born. Über elektrostatische Gitterpotentiale. (German) [On electrostatic lattice potentials]. *Zeitschrift für Physik*, 7(1):124–140, December 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01332783`.

Born:1921:TKG

[Bor21d] Max Born. Zur Thermodynamik der Kristallgitter. (German) [Toward a thermodynamics of crystal lattices]. *Zeitschrift für Physik*, 7(1):217–248, December 1921. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL `http://link.springer.com/article/10.1007/BF01332792`.

Born:1922:REI

[Bor22a] Max Born. *Die Relativitätstheorie Einsteins und ihre physikalischen grundlagen. Elementar dargestellt. (German) [Einstein's Theory of Relativity and its physical basis. Elementary treatment]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., third edition, 1922. xi + 267 pp. LCCN QC6 .B65.

Born:1922:HPG

[Bor22b] Max Born. Hilbert und die Physik. (German) [Hilbert and physics]. *Naturwissenschaften*, 10(4):88–93, January 27, 1922. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1922:TRE

[Bor22c] Max Born. *La teoría de la relatividad de Einstein y sus fundamentos fisicos: Exposición elemental. (Spanish) [Einstein's Theory of Relativity and its fundamental physics: elementary introduction]*. Calpe, Madrid, Spain, 1922. 384 pp. LCCN ????

Born:1922:MWG

[Bor22d] Max Born. Über das Modell der Wasserstoffmolekel. (German) [On the model of the hydrogen molecule]. *Naturwissenschaften*, 10(??): 667–678, ???? 1922. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1922:NOA

[Bor22e] Max Born. Über die naturliche optische Aktivität der Kristalle. (German) [On the natural optical activity of crystals]. *Zeitschrift für Physik*, 8(1):390–417, December 1922. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01329609.

Born:1922:TPG

[Bor22f] Max Born. Über die Temperaturabhängigkeit der Pyroelektrizität. (German) [On the temperature dependence of pyroelectricity]. *Physikalische Zeitschrift*, 23(5):125–128, March 1, 1922. CODEN PHZTAO. ISSN 0369-982X. URL http://babel.hathitrust.org/cgi/pt?id=mdp.39015086723239%3Bseq=155%3Bview=1up.

Born:1923:AFZ

[Bor23a] Max Born. *Atomtheorie des festen Zustandes (Dynamik der Kristallgitter). (German) [Atomic theory of the solid state (dynamics of crystal lattices)]*. Teubner, Stuttgart, Germany; Leipzig, Germany, 1923. ???? pp. LCCN ????

Born:1923:CM

[Bor23b] Max Born. *The constitution of matter*, volume ?? Methuen and Co. Ltd., London, UK, 1923. ???? pp. LCCN ????

Born:1923:QSGa

[Bor23c] Max Born. Quantentheorie und Störungsrechnung. (German) [Quantum theory and perturbation calculation]. *Naturwissenschaften*, 11(27):537–542, July 1923. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1923:QSGb

[Bor23d] Max Born. Quantentheorie und Störungsrechnung. (German) [Quantum theory and perturbation calculation]. *Naturwissenschaften*, 10(??):677–678, ???? 1923. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1924:EIP

[Bor24a] Max Born. Der Einfluß der Ionendeformation auf physikalische und chemische Konstanten. (German) [The influence of the deformability of ions on optical and chemical constants.]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 5(??):8–9, ???? 1924. CODEN VDPEAZ. ISSN 0372-5448.

Born:1924:CBD

[Bor24b] Max Born. Die chemische Bindung als dynamisches Problem. (German) [The chemical bond as a dynamic problem]. *Naturwissenschaften*, 12(??):1199–1207, ???? 1924. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1924:RRT

[Bor24c] Max Born. Recherches récentes sur la théorie de l'affinité chimique. (French) [Recent research on the theory of chemical affinity]. *Scientia (Milan)*, 36(??):155–168, ???? 1924. CODEN SCIMAI. ISSN 0036-8687 (print), 1825-4373 (electronic).

Born:1924:AGA

[Bor24d] Max Born. Über Atomtheorie. (German) [On atomic theory]. *Elektrotech. Z.*, 45(??):889–897, ???? 1924. CODEN ???? ISSN ????

Born:1924:EDC

[Bor24e] Max Born. Über die elektrische Deutung der chemischen Krafte. (German) [On the electrical interpretation of chemical forces]. *Zeitschrift für Elektrochemie*, 30(??):382–386, ???? 1924. CODEN ZEELAI. ISSN 0372-8382.

Born:1924:QGQa

[Bor24f] Max Born. Über Quantenmechanik. (German) [On quantum mechanics]. *Zeitschrift für Physik*, 26(1):379–395, December 1924. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01327341. Kemmer and Schlapp [KS71, p. 33] report that this may the earliest published paper with "quantum mechanics" in its title. English translation in [Bor67c].

Born:1926:PAD

[Bor26a] M. Born. *Problems of atomic dynamics. I: The structure of the atom (20 lectures). II: The lattice theory of rigid bodies (10 lectures).* MIT Press, Cambridge, MA, USA, 1926. xiv + 200 pp. URL http://mitpress.mit.edu/about/history; http://mitpress.mit.edu/books/problems-atomic-dynamics.

Born:1926:AQG

[Bor26b] Max Born. Das Adiabatenprinzip in der Quantenmechanik. (German) [The adiabatic principle in quantum mechanics]. *Zeitschrift für Physik*, 40(3–4):167–192, March 1926. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01400360.

Born:1926:PAS

[Bor26c] Max Born. *Probleme der Atomdynamik. I. Die Struktur des Atoms. II. Die Gittertheorie des festen Zustandes. (German) [Problems of atomic dynamics. I. The structure of the atom. II. The lattice theory of the solid state].* Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1926. 180 pp. LCCN ????

Born:1926:QSGb

[Bor26d] Max Born. Quantenmechanik der Stoßvorgänge. (German) [Quantum mechanics of collision processes]. *Zeitschrift für Physik*, 38(11–12):803–827, November 1926. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01397184.

Born:1926:QSGa

[Bor26e] Max Born. Zur Quantenmechanik der Stoßvorgänge. (German) [Toward a quantum mechanics of collision processes]. *Zeitschrift für Physik*, 37(12):863–867, December 1926. CODEN ZEPYAA.

ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01397477.

Born:1926:WSG

[Bor26f] Max Born. Zur Wellenmechanik der Stoßvorgänge. (German) [Toward a wave mechanics of collision processes]. *Nachr. Ges. Wiss. Göttingen*, ??(??):146–160, ???? 1926. CODEN ???? ISSN ????

Born:1927:AKG

[Bor27a] Max Born. Atomkonstanten und Körpereigenschaften. (German) [Atomic constants and physical properties]. *Z. math. naturw. Unterr*, 40(??):241–253, ???? 1927. CODEN ???? ISSN ????

Born:1927:PAQ

[Bor27b] Max Born. Physical aspects of quantum mechanics. *Nature*, 119 (2992):354–357, March 5, 1927. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v119/n2992/pdf/119354a0.pdf.

Born:1927:QSG

[Bor27c] Max Born. Quantenmechanik und Statistik. (German) [Quantum mechanics and statistics]. *Naturwissenschaften*, 15(??):238–242, ???? 1927. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1928:AL

[Bor28a] Max Born. Antoon Lorentz. *Nachr. Ges. Wiss. Göttingen*, ??(??):69–73, ???? 1928. CODEN ???? ISSN ????

Born:1928:KAR

[Bor28b] Max Born. Kongress der Assoziation der russischen Physiker. (German) [Congress of the Association of Russian Physicists]. *Naturwissenschaften*, 16(??):741–743, ???? 1928. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1928:SBS

[Bor28c] Max Born. Sommerfeld als Begründer einer Schule. (German) [Sommerfeld as founder of a school]. *Naturwissenschaften*, 16(49):1035–1036, December 7, 1928. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1928:SPT

[Bor28d] Max Born. Über den Sinn der physikalischen Theorien. (German) [On the meaning of physical theories]. *Nachr. Ges. Wiss. Göttingen*, ??(??):51–70, ???? 1928. CODEN ???? ISSN ????

Born:1928:BSV

[Bor28e] Max Born. Über die Bedeutung der Stoßvorgänge für das Verständnis der Quantenmechanik. (German) [On the importance of collision processes for the understanding of quantum mechanics]. In *Atti Congr. Intern. dei Fisici Como-Pavia-Roma 1927*, volume 2, pages 443–447. ????, ????, 1928.

Born:1928:TRG

[Bor28f] Max Born. Zur Theorie des Ramaneffektes. (German) [Toward a theory of the Raman effect]. *Naturwissenschaften*, 16(??):673, ???? 1928. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1929:SPT

[Bor29a] Max Born. Über den Sinn der physikalischen Theorien. (German) [On the meaning of physical theories]. *Naturwissenschaften*, 17(??): 109–118, ???? 1929. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1929:QCK

[Bor29b] Max Born. Zur Quantentheorie der chemischen Krafte. (German) [Toward a quantum theory of chemical forces]. *Zeitschrift für Physik*, 64(11–12):729–740, September 22, 1929. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01773002.

Born:1929:TKGa

[Bor29c] Max Born. Zur Theorie des Kernzerfalls. (German) [Toward the theory of nuclear disintegration]. *Verhandlungen der Deutschen Physikalischen Gesellschaft*, 10(??):31–32, ???? 1929. CODEN VDPEAZ. ISSN 0372-5448.

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Born:1930:QTC

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Born:1930:QCB

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Born:1931:ATH

[Bor31a] Max Born. The application of the theory of homopolar valency to polyatomic molecules. In *Chemistry at the Centenary Meeting of the British Association*, pages 249–254. Heffer, Cambridge, UK, 1931. CODEN ???? ISSN ????

Born:1931:CBQ

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Born:1931:GPC

[Bor31c] Max Born. Das Grenzgebiet von Physik und Chemie. (German) [The border region of physics and chemistry]. *Umschau*, 35(??): 509–511, ???? 1931. CODEN ???? ISSN ????

Born:1931:FJB

[Bor31d] Max Born. Faraday-Jahrhundertfeier und British Association im London. (German) [Faraday centenary and the British Association London]. *Naturwissenschaften*, 19(??):932–934, ???? 1931. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

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Born:1931:WCK

[Bor31f] Max Born. Was sind die chemischen Kräfte?. (German) [What are the chemical forces?]. *Umschau (1897)*, 35(??):532–534, ???? 1931. CODEN UMSCAS. ISSN 0372-4409.

Born:1932:UEA

[Bor32a] Max Born. Die ultraroten Eigenfrequenzen der Alkalihalogenidkristalle. (German) [The infra-red natural frequencies of alkali halide crystals]. *Zeitschrift für Physik*, 76(7–8):559–560, July 1932. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01336737.

Born:1932:BEG

[Bor32b] Max Born. Eine Bemerkung über den Elektronenradius. (German) [A note on the electron radius]. *Naturwissenschaften*, 20(??):269, ???? 1932. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1932:GUA

[Bor32c] Max Born. Geometrische und undulatorische Abbildungsfehler der optischen Instrumente. (German) [Geometrical and undulatory aberrations in optical instruments]. *Naturwissenschaften*, 20(??):921–923, ???? 1932. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1932:DUA

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Born:1932:THV

[Bor32e] Max Born. Zur Theorie der homöopolaren Valenz bei mehratomigen Molekülen. (German) [Toward the theory of homopolar valence in polyatomic molecules]. *Zeitschrift für Angewandte Chemie*, 45 (??):6–8, ???? 1932. CODEN ???? ISSN ????

Born:1933:MPS

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Born:1933:MFE

[Bor33b] Max Born. Modified field equations with a finite radius of the electron. *Nature*, 132(3329):282, August 19, 1933. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v132/n3329/pdf/132282a0.pdf`.

Born:1933:OLE

[Bor33c] Max Born. *Optik: Ein Lehrbuch der elektromagnetischen Lichttheorie. (German) [Optics: a textbook of the electromagnetic theory of light]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1933. vii + 591 pp. LCCN ????

Born:1934:CRN

[Bor34a] Max Born. Cosmic rays and the new field theory. *Nature*, 133 (3350):63–64, January 13, 1934. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v133/n3350/pdf/133063b0.pdf`.

Born:1934:QTE

[Bor34b] Max Born. On the quantum theory of the electromagnetic field. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 143(849):410–437, January 1, 1934. CODEN PRLAAZ. ISSN 0080-4630. URL `http://www.jstor.org/stable/96101; http://www.jstor.org/stable/pdfplus/96101.pdf`.

Born:1934:QE

[Bor34c] Max Born. Quantum electrodynamics. In *Papers and Discussions of the International of Conference on Physics. London. Vol. I*, pages 19–27. ????, ????, 1934. CODEN ???? ISSN ????

Born:1935:AP

[Bor35a] Max Born. *Atomic physics*. Blackie, Glasgow, Scotland, 1935. ???? pp. LCCN ????

Born:1935:MN

[Bor35b] Max Born. The mysterious number 137. *Proceedings — Indian Academy of Sciences, Section A*, 2(??):533–561, ???? 1935. CODEN PISAA7. ISSN 0370-0089.

Born:1935:TOA

[Bor35c] Max Born. On the theory of optical activity. I. General theory of a system of coupled isotropic oscillators. II. Molecules with a binary axis of symmetry. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 150(869):84–105, May 1, 1935. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/150/869/84; http://www.jstor.org/stable/pdfplus/96325.pdf`. See erratum [Bor36a].

Born:1935:QFT

[Bor35d] Max Born. Quantised field theory and the mass of the proton. *Nature*, 136(3450):952–953, December 14, 1935. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v136/n3450/pdf/136952a0.pdf`.

Born:1935:QE

[Bor35e] Max Born. Quantum electrodynamics. In *Internat. Conf. on Physics*, volume 1, pages 19–27. ????, ????, 1935.

Born:1935:RU

[Bor35f] Max Born. *The Restless Universe*. Blackie, Glasgow, Scotland, 1935. ???? pp. LCCN ????

Born:1936:ETO

[Bor36a] Max Born. Erratum: On the theory of optical activity. I. General theory of a system of coupled isotropic oscillators; II. Molecules with a binary axis of symmetry. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 153(879):339–??, January 1, 1936. CODEN PRLAAZ. ISSN 0080-4630. See [Bor35c].

Born:1936:LED

[Bor36b] Max Born. On the linearization of the energy density of the electromagnetic field. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 32(1):102–107, January 1936. CODEN PCPSA4. ISSN 0008-1981.

Born:1936:SPA

[Bor36c] Max Born. Some philosophical aspects of modern physics (Inaugural Lecture as Tait Professor of Natural Philosophy, University of Edinburgh). *Proceedings of the Royal Society of Edinburgh*, 57

(??):1–18, ???? 1936. CODEN PRSEAE. ISSN 0080-4541 (print), 2053-5902 (electronic).

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[Bor36d] Max Born. Unitary theory of field and matter I. Classical treatment. Charged particle with magnetic rest-moment. *Proc. Indian Acad. Sci*, 3(??):8–24, ???? 1936. CODEN ???? ISSN ????

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[Bor36e] Max Born. Unitary theory of field and matter. II. Classical treatment. Charged particle with electric and magnetic moment. *Proceedings — Indian Academy of Sciences, Section A*, 3(??):85–97, ???? 1936. CODEN PISAA7. ISSN 0370-0089.

Born:1937:BRB

[Bor37a] Max Born. Book review: *The Theory of the Properties of Metals and Alloys*, by N. F. Mott and H. Jones. *Mathematical Gazette*, 21(242):61, February 1937. CODEN MAGAAS. ISSN 0025-5572 (print), 2056-6328 (electronic). URL `http://www.jstor.org/stable/pdfplus/3605761.pdf`.

Born:1937:SPA

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Born:1937:SMC

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Born:1937:WMC

[Bor37d] Max Born. Wave mechanics of couples (neutron–neutrino). *Nature*, 139(3506):68, January 9, 1937. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v139/n3506/pdf/139068a0.pdf`.

Born:1938:ARN

[Bor38a] Max Born. Application of “reciprocity” to nuclei. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 166(927):552–557, June 16, 1938. CODEN PRLAAZ. ISSN 0080-4630. URL `http://rspa.royalsocietypublishing.org/content/166/927/552`.

Born:1938:RQT

[Bor38b] Max Born. Relativity and quantum theory. *Nature*, 141(3564): 327–328, February 19, 1938. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v141/n3564/pdf/141327a0.pdf.

Born:1938:SRR

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Born:1938:SUQ

[Bor38d] Max Born. A suggestion for unifying quantum theory and relativity. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 165(921):291–303, April 5, 1938. CODEN PRLAAZ. ISSN 0080-4630. URL http://rspa.royalsocietypublishing.org/content/165/921/291.

Born:1938:TNL

[Bor38e] Max Born. Théorie non-linéaire du champ électromagnetique. (French) [Nonlinear theory of the electromagnetic field]. *Ann. Inst. Poincaré*, 7(??):155–265, ???? 1938. CODEN ???? ISSN ????

Born:1938:TNK

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Born:1939:CPEb

[Bor39a] Max Born. Cause, purpose, and economy in natural laws (minimum principles in physics). *Proceedings of the Royal Institution of Great Britain*, 30(3):596–628, February 10, 1939. CODEN PIGBAI. ISSN 0035-8959. URL http://hdl.handle.net/2027/uc1.32106020416217?urlappend=%3Bseq=202.

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Born:1939:GBS

[Bor39c] Max Born. Gittertheoretische Behandlung des Schmelzprozesses. (German) [Lattice-theoretical treatment of melting processes]. *C. R. Inst. Sci. Roum.*, 3(??):405–411, ???? 1939. CODEN ???? ISSN ????

Born:1939:RN

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Born:1939:TCM

[Bor39e] Max Born. Thermodynamics of crystals and melting. *Journal of Chemical Physics*, 7(8):591–603, ???? 1939. CODEN JCPSA6. ISSN 0021-9606 (print), 1089-7690 (electronic). URL `http://jcp.aip.org/resource/1/jcpsa6/v7/i8/p591_s1; http://link.aip.org/link/?JCP/7/591/1`.

Born:1940:OPO

[Bor40a] M. Born. Obituary: Prof. Otto Toeplitz. *Nature*, 145(3677): 617, April 20, 1940. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v145/n3677/pdf/145617a0.pdf`.

Born:1940:ATP

[Bor40b] Max Born. Aspects of theoretical physics [review of five books]. *Nature*, 145(3675):528–530, April 6, 1940. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1940:LTP

[Bor40c] Max Born. Book reviews: (1) Lehrbuch der theoretischen Physik (2) Lectures on Quantum Mechanics (3) Atombau und Spektrallinien (4) La Chimie Mathématique (5) Hand- und Jahrbuch der chemischen Physik. *Nature*, 145(3675):528–530, April 6, 1940. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v145/n3675/pdf/145528a0.pdf`.

Born:1940:OSJ

[Bor40d] Max Born. Obituary: Sir J. J. Thomson, O.M., F.R.S. *Nature*, 146(3698):356–357, September 14, 1940. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v146/n3698/pdf/146356b0.pdf`.

Born:1940:SCLa

[Bor40e] Max Born. On the stability of crystal lattices. I. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 36(2):160–172, April 1940. CODEN PCPSA4. ISSN 0008-1981.

Born:1940:OT

[Bor40f] Max Born. Otto Toeplitz. *Nature*, 145(3677):617–167, April 20, 1940. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1940:RBB

[Bor40g] Max Born. Relation between breaking and melting. *Nature*, 145 (3680):741–742, May 11, 1940. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v145/n3680/pdf/145741b0.pdf.

Born:1940:SJJ

[Bor40h] Max Born. Sir J. J. Thomson, O.M., F.R.S. *Nature*, 146(3698): 356–357, September 14, 1940. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1941:DRX

[Bor41a] Max Born. Diffuse reflexion of X-rays. *Nature*, 147(3735):674, May 31, 1941. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v147/n3735/pdf/147674a0.pdf.

Born:1941:SJJ

[Bor41b] Max Born. Sir J. J. Thomson. *Proceedings of the Physical Society, London*, 53(1):305–310, May 1, 1941. CODEN PPSOAU. ISSN ????

Born:1942:DAB

[Bor42a] Max Born. Dr Arnold Berliner. *Nature*, 150(3801):284–285, September 5, 1942. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1942:ETV

[Bor42b] Max Born. Effect of thermal vibrations on the scattering of X-rays. III. *Proceedings of the Royal Society of London. Series A, Mathematical and physical sciences*, 180(983):397–413, July 3,

1942. CODEN PRLAAZ. ISSN 0080-4630. URL http://rspa.royalsocietypublishing.org/content/180/983/397.

Born:1942:LDX

[Bor42c] Max Born. Lattice dynamics and X-ray scattering. *Proceedings of the Physical Society, London*, 54(4):362–376, July 1, 1942. CODEN PPSOAU. ISSN 0959-5309 (print), 2051-2171 (electronic). URL http://iopscience.iop.org/0959-5309/54/4/304.

Born:1942:ODA

[Bor42d] Max Born. Obituaries [Dr. Arnold Berliner]. *Nature*, 150(3801): 284–285, September 5, 1942. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v150/n3801/pdf/150284b0.pdf.

Born:1942:SCL

[Bor42e] Max Born. On the stability of crystal lattices. IX. Covariant theory of lattice deformations and the stability of some hexagonal lattices. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 38(1):82–99, January 1942. CODEN PCPSA4. ISSN 0008-1981. See corrigenda [Bor44b].

Born:1942:TTD

[Bor42f] Max Born. On the theory of temperature diffuse scattering. *Physical Review*, 61(5–6):377–378, March 1942. CODEN PHRVAO. ISSN 0031-899X (print), 1536-6065 (electronic). URL http://link.aps.org/doi/10.1103/PhysRev.61.377; http://prola.aps.org/abstract/PR/v61/i5-6/p377_1.

Born:1942:QTDb

[Bor42g] Max Born. Quantum theory and diffuse X-ray reflexions. *Nature*, 149(3780):403–404, April 11, 1942. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1942:TTP

[Bor42h] Max Born. The teaching of theoretical physics in universities. *Reports on Progress in Physics*, 8(??):1–10, ???? 1942. CODEN RPPHAG. ISSN 0034-4885 (print), 1361-6633 (electronic).

Born:1943:ETP

[Bor43a] Max Born. *Experiment and theory in physics*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1943. ???? pp. LCCN ????

Born:1943:OLE

[Bor43b] Max Born. *Optik: Ein Lehrbuch der elektromagnetischen Lichttheorie. (German) [Optics: a textbook of the electromagnetic theory of light]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., 1943. vii + 591 pp. LCCN ????

Born:1943:TIR

[Bor43c] Max Born. Theoretical investigations on the relation between crystal dynamics and X-ray scattering. *Reports on Progress in Physics*, 9(??):294–333, ???? 1943. CODEN RPPHAG. ISSN 0034-4885 (print), 1361-6633 (electronic).

Born:1943:TCLa

[Bor43d] Max Born. The thermodynamics of crystal lattices. I. Discussion of the methods of calculation. *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 39(2):100–103, July 1943. CODEN PCPSA4. ISSN 0008-1981.

Born:1944:BRS

[Bor44a] Max Born. Book review: Schrödinger: *Statistical thermodynamics*. *Nature*, 154(3921):782–783, December 23, 1944. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1944:CPS

[Bor44b] Max Born. Corrigenda to the paper "On the stability of crystal lattices. IX". *Proceedings of the Cambridge Philosophical Society. Mathematical and physical sciences*, 40(3):262–263, November 1944. CODEN PCPSA4. ISSN 0008-1981. See [Bor42e].

Born:1944:RPP

[Bor44c] Max Born. Recent progress in the physics of the solid state. *Coal Research*, ??(??):39–47, September 1944. CODEN ???? ISSN ????

Born:1944:ST

[Bor44d] Max Born. Statistical thermodynamics. *Nature*, 154(3921):782–783, December 23, 1944. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v154/n3921/pdf/154782a0.pdf`.

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[Bor44e] Max Born. Unification of the theories of photon and meson. *Nature*, 154(3920):764–765, December 16, 1944. CODEN NATUAS.

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Born:1945:DC

[Bor45a] Max Born. Dublin Colloquium, 1945. *Nature*, 156(3972):704–706, December 15, 1945. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v156/n3972/pdf/156704a0.pdf.

Born:1945:QTP

[Bor45b] Max Born. On the quantum theory of pyroelectricity. *Reviews of Modern Physics*, 17(2–3):245–251, April 1945. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL http://link.aps.org/doi/10.1103/RevModPhys.17.245.

Born:1945:TP

[Bor45c] Max Born. Theoretical physics. *Nature*, 156(3959):325–326, September 15, 1945. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v156/n3959/pdf/156325a0.pdf.

Born:1946:AP

[Bor46a] Max Born. *Atomic physics*. Hafner, New York, NY, USA, ???? edition, 1946.

Born:1946:BRB

[Bor46b] Max Born. Book review: Brillouin: *Wave propagation in periodic structures*. *Nature*, 158(4026):926, December 28, 1946. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1946:BRS

[Bor46c] Max Born. Book reviews: Schrödinger: *Statistical thermodynamics*; Heitler: *Elementary wave mechanics*. *Nature*, 157(3999):825, June 22, 1946. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1946:ECD

[Bor46d] Max Born. Elastic constants of diamond. *Nature*, 157(3992):582, May 4, 1946. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v157/n3992/pdf/157582a0.pdf.

Born:1946:ECI

[Bor46e] Max Born. Elastic constants of ice. *Nature*, 158(4023):830–831, December 7, 1946. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v158/n4023/pdf/158830b0.pdf.

Born:1946:FPT

[Bor46f] Max Born. The free path for the transfer of energy in crystals. *Proc. Math. Phys. Soc. Egypt*, 3(??):35–41, ???? 1946. CODEN ???? ISSN ????

Born:1946:OPH

[Bor46g] Max Born. Obituary: Professor Heinrich Rausch von Traubenberg. *Nature*, 157(3985):328, March 16, 1946. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v157/n3985/pdf/157328a0.pdf.

Born:1946:RER

[Bor46h] Max Born. Raman effect in rock-salt. *Nature*, 157(3998):810, June 15, 1946. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v157/n3998/pdf/157810a0.pdf.

Born:1946:STE

[Bor46i] Max Born. Statistical thermodynamics elementary wave mechanics. *Nature*, 157(3999):825, June 22, 1946. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v157/n3999/pdf/157825c0.pdf.

Born:1946:WPP

[Bor46j] Max Born. Wave propagation in periodic structures. *Nature*, 158 (4026):926, December 28, 1946. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v158/n4026/pdf/158926a0.pdf.

Born:1947:LE

[Bor47a] M. Born. [letters to editor]. *Nature*, 159(4034):266–267, February 22, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL http://www.nature.com/nature/journal/v159/n4034/pdf/159266b0.pdf.

Born:1947:OPV

[Bor47b] M. Born. Obituary: Prof. V. M. Goldschmidt, For.Mem.R.S. *Nature*, 159(4047):701, May 24, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v159/n4047/pdf/159701a0.pdf`.

Born:1947:AEU

[Bor47c] Max Born. *Atomic energy and its use in war and peace (Lecture)*. Fouad I. Univ. Press, Cairo, Egypt, ???? 1947. ???? pp.

Born:1947:BRP

[Bor47d] Max Born. Book review: Pauli: *Meson theory of nuclear forces*. *Nature*, 160(4065):418, September 27, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1947:MTN

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Born:1947:PVM

[Bor47f] Max Born. Professor V. M. Goldschmidt, For. Mem. R. S. *Nature*, 159(4047):701, May 24, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1947:RSR

[Bor47g] Max Born. Raman spectrum of rock-salt under high resolution. *Nature*, 159(4034):266–267, February 22, 1947. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1948:MKE

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Born:1948:QZH

[Bor48b] Max Born. Die Quantenmechanik und der zweite Hauptsatz der Thermodynamik. (German) [Quantum mechanics and the Second Law of Thermodynamics]. *Annalen der Physik (Berlin)*, 438(1):

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Born:1948:MKP

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Born:1948:RQM

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Born:1949:L

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Born:1949:EST

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Born:1949:EPP

[Bor49c] Max Born. Elementary particles and the principle of reciprocity. *Nature*, 163(4136):207–208, February 5, 1949. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v163/n4136/pdf/163207a0.pdf`.

Born:1949:FQS

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Born:1949:SPT

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Born:1949:NPC

[Bor49f] Max Born. *Natural Philosophy of Cause and Chance*. Oxford University Press, Walton Street, Oxford OX2 6DP, UK, 1949. ???? pp. LCCN ????

Born:1949:RTEb

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Born:1949:SOR

[Bor49h] Max Born. The second-order Raman effect in crystals, in particular diamond. *J. Chim. phys*, 46(??):6–8, ???? 1949. CODEN ???? ISSN ????

Born:1949:TTT

[Bor49i] Max Born. Two topics in theoretical physics (review of two lectures by W. Heisenberg). *Nature*, 164(4161):165, July 30, 1949. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v164/n4161/pdf/164165a0.pdf`.

Born:1950:ER

[Bor50a] Max Born. Einstein and Relativity. *Nature*, 166(4227):751, November 4, 1950. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v166/n4227/pdf/166751a0.pdf`.

Born:1950:ERR

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Born:1950:NLF

[Bor50c] Max Born. Non-localizable fields and reciprocity. *Nature*, 165 (4190):269–270, February 18, 1950. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v165/n4190/pdf/165269a0.pdf`.

Born:1950:PLW

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Born:1950:PHC

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Born:1950:PMJa

[Bor50f] Max Born. Physics and metaphysics (Joule Memorial Lecture). *Science News*, 17(??):9–27, ???? 1950. CODEN SCNEBK. ISSN 0036-8423 (print), 1943-0930 (electronic).

Born:1950:PMJb

[Bor50g] Max Born. Physics and metaphysics (Joule Memorial Lecture). *Mem. Manch. lit. and phil. Soc*, 91(??):35–53, ???? 1950. CODEN ???? ISSN ????

Born:1951:ASa

[Bor51a] Max Born. Arnold Sommerfeld. *Proceedings of the Physical Society, London*, 64A(??):1148–1149, ???? 1951. CODEN PPSOAU. ISSN 0959-5309 (print), 2051-2171 (electronic).

Born:1951:ASb

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Born:1951:AP

[Bor51c] Max Born. *Atomic physics*. Blackie, Glasgow, Scotland, fifth edition, ???? 1951. xiv + 437 pp. Revised by the author from the original translation of John Dougall.

Born:1951:BRS

[Bor51d] Max Born. Book review: Schrödinger: *Space-time structure*. *Nature*, 167(4255):786–787, May 19, 1951. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic).

Born:1951:GTI

[Bor51e] Max Born. Die Gültigkeitsgrenze der Theorie der idealen Kristalle und ihre Überwindung. (German) [The limits of validity of the theory of ideal crystals, and its surmounting]. In *Festschr. Akad. Wiss. Göttingen 1951, Math.-Phys. Kl.*, pages 1–16. Akad. Wiss. Göttingen, Göttingen, Germany, ???? 1951. CODEN ???? ISSN ????

Born:1951:FYP

[Bor51f] Max Born. Fifty years of physics. *Science News*, 19(??):46–60, ???? 1951. CODEN SCNEBK. ISSN 0036-8423 (print), 1943-0930 (electronic).

Born:1951:KEK

[Bor51g] Max Born. Kopplung der Elektronen- und Kernbewegung in Molekeln und Kristallen. (German) [Coupling of electron and nuclear motion in molecules and crystals]. *Nachr. Ges. Wiss. Göttingen*, 6(??):??, ???? 1951. CODEN ???? ISSN ????

Born:1951:PLF

[Bor51h] Max Born. Physics in the last fifty years. *Nature*, 168(4276):625–630, October 13, 1951. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v168/n4276/pdf/168625a0.pdf`.

Born:1951:RU

[Bor51i] Max Born. *The restless universe*. Dover Publications, Inc., New York, NY, USA, second edition, 1951. 315 pp. LCCN ????

Born:1951:SS

[Bor51j] Max Born. Space–time structure. *Nature*, 167(4255):786–787, May 19, 1951. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v167/n4255/pdf/167786b0.pdf`.

Born:1952:SGG

[Bor52a] Hedwig Born. *Stille Gänge. (German) [Silent Corridors]*. Leonard Friedrich Verlag, Bad Pyrmont, West Germany, 1952. 27 pp.

Born:1952:AJW

[Bor52b] Max Born. Arnold Johannes Wilhelm Sommerfeld. 1868–1951. *Obituary Notices of Fellows of the Royal Society*, 8(21):274–296, November 1952. CODEN ???? ISSN 1479-571X (print), 2053-9118 (electronic). URL http://www.jstor.org/stable/768813; http://www.jstor.org/stable/pdfplus/768813.pdf.

Born:1952:DNT

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Born:1952:NPV

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Born:1953:AR

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Born:1953:BRB

[Bor53b] Max Born. Book review: *Philosophic Problems of Nuclear Science. Eight Lectures*, by W. Heisenberg and F. C. Hayes. *The Philosophical Quarterly*, 3(10):88–90, January 1953. CODEN ???? ISSN 0031-8094 (print), 1467-9213 (electronic). URL http://www.jstor.org/stable/pdfplus/2216712.pdf.

Born:1953:CSP

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Born:1953:IQM

[Bor53d] Max Born. The interpretation of quantum mechanics. *The British Journal for the Philosophy of Science*, 4(14):95–106, August 1953. CODEN BJPIA5. ISSN 0007-0882 (print), 1464-3537 (electronic). URL http://bjps.oxfordjournals.org/content/IV/14/95.full.pdf+html; http://www.jstor.org/stable/685986; http://www.jstor.org/stable/pdfplus/685986.pdf.

Born:1953:OLE

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Born:1953:PR

[Bor53f] Max Born. Physical reality. *The Philosophical Quarterly*, 3(11): 139–149, April 1953. CODEN ???? ISSN 0031-8094 (print), 1467-9213 (electronic). URL `http://www.jstor.org/stable/2216882; http://www.jstor.org/stable/pdfplus/2216882.pdf`.

Born:1953:TBF

[Bor53g] Max Born. Theoretische Bemerkungen zu Freundlichs Formeln für die stellare Rotverschiebung. (German) [Theoretical remarks on Freundlich's formula for the stellar red shift]. *Nachr. Akad. Wiss. Göttingen, Math.-Phys. Kl., Math.-Phys.-Chem. Abt.*, ??(??):102–108, ???? 1953. CODEN ???? ISSN ????

Born:1954:BRB

[Bor54a] Max Born. Book review: *A History of the Theories of Aether and Electricity. The Modern Theories, 1900–1926*, by Edmund Whittaker. *The British Journal for the Philosophy of Science*, 5(19):261–263, November 1954. CODEN BJPIA5. ISSN 0007-0882 (print), 1464-3537 (electronic). URL `http://bjps.oxfordjournals.org/content/V/19/261.full.pdf+html; http://www.jstor.org/stable/685722`. Special issue on The Age of the Universe.

Born:1954:BSP

[Bor54b] Max Born. Die begriffliche Situation in der Physik. (German) [The conceptual situation in physics]. *Physikalische Blätter*, 10(5):193–201, May 1954. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1002/phbl.19540100501/abstract`.

Born:1954:IFR

[Bor54c] Max Born. On the interpretation of Freundlich's red shift formula. *Proceedings of the Physical Society, London, Section A*, 67(2):193–194, February 1, 1954. CODEN PPSAAM. ISSN 0370-1298 (print), 1747-3829 (electronic). URL `http://iopscience.iop.org/0370-1298/67/2/115`.

Born:1955:AEL

[Bor55a] Max Born. Albert Einstein und das Lichtquantum. (German) [Albert Einstein and the quantum of light]. *Naturwissenschaften*, 42 (15):425–431, August 1, 1955. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1955:CDR

[Bor55b] Max Born. Continuity, determinism, and reality. *Kongelige Danske Videnskabernes Selskab, Matematiskfysiske Meddelelser*, 30(2):1–26, ???? 1955. CODEN ???? ISSN ????

Born:1955:EME

[Bor55c] Max Born. 'Das entscheidende Motiv', eine Erwiderung. (German) ['The main reason why', a reply]. *Merkur*, ??(??):??, October 1955. CODEN ???? ISSN ????

Born:1955:SDQ

[Bor55d] Max Born. Die statistische Deutung der Quantenmechanik. (German) [The statistical interpretation of quantum mechanics]. In *Les Prix Nobel en 1954 Stockholm*, pages 79–90. ????, ????, 1955.

Born:1955:EWA

[Bor55e] Max Born. Entwicklung und Wesen des Atomzeitalters. (German) [Development and nature of the nuclear age]. *Merkur*, ??(??):??, August 1955. CODEN ???? ISSN ????

Born:1955:KMT

[Bor55f] Max Born. Ist die klassische Mechanik tatsächlich deterministisch?. (German) [Is classical mechanics really deterministic?]. *Physikalische Blätter*, 11(2):49–54, February 1955. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1002/phbl.19550110201/abstract`.

Born:1955:SIQ

[Bor55g] Max Born. Statistical interpretation of quantum mechanics. *Science (New Series)*, 122(3172):675–679, October 14, 1955. CODEN SCIEAS. ISSN 0036-8075 (print), 1095-9203 (electronic). URL `http://www.jstor.org/stable/pdfplus/1752079.pdf`.

Born:1955:FDG

[Bor55h] Max Born. Zur Frage des Determinismus. (German) [Toward the question of determinism]. *Physikalische Blätter*, 11(7):314–315, July 1955. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL http://onlinelibrary.wiley.com/doi/10.1002/phbl.19550110705/abstract.

Born:1956:EAE

[Bor56a] Max Born. Erinnerungen an Albert Einstein. (German) [Memories of Albert Einstein]. *Mathematische und Naturwissenschaftliche Unterricht*, 9(3):97–105, ???? 1956. CODEN MNWUAL. ISSN 0025-5866.

Born:1956:ETP

[Bor56b] Max Born. *Experiment and theory in physics*. Dover Publications, Inc., New York, NY, USA, 1956. 43 pp. LCCN ????

Born:1956:PMG

[Bor56c] Max Born. *Physics in My Generation*. Pergamon, New York, NY, USA, 1956. viii + 232 pp. LCCN ????

Born:1956:PRG

[Bor56d] Max Born. Physik und Relativität. (German) [Physics and Relativity]. *Naturwissenschaftliche Rundschau*, 11(??):417–424, ???? 1956. CODEN NARSAC. ISSN 0028-1050.

Born:1957:EBN

[Bor57a] Max Born. Europaische Betrachtungen eines Naturforschers. (German) [European reflections of a naturalist]. *Die Sammlung*, 12(??):593–604, ???? 1957. CODEN ???? ISSN ????

Born:1957:MA

[Bor57b] Max Born. Man and the atom. *Bulletin of the Atomic Scientists*, 13(6):186–194, June 1957. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). Reprinted in [Bor63-27]. See note in [BR57].

Born:1957:MP

[Bor57c] Max Born. Max Planck 1858–1947. In Hermann Heimpel, editor, *Die Grossen Deutschen: deutsche Biographie*, page ?? Propylaen-Verlag bei Ullstein, Berlin, Germany, 1957.

Born:1957:MFB

[Bor57d] Max Born. [My former belief in the superiority of science]. *Bulletin of the Atomic Scientists*, 13(1):31, January 1957. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1957:PIW

[Bor57e] Max Born. *Physik im Wandel meiner Zeit. (German) [Physics in Flux in My Time]*, volume 111 of *Die Wissenschaft*. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1957. vii + 252 pp. LCCN QC71.

Born:1958:CRP

[Bor58a] Max Born. The concept of reality in physics. *Bulletin of the Atomic Scientists*, 14(8):313–321, October 1958. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1958:RPG

[Bor58b] Max Born. Der Realitätsbegriff in der Physik. (German) [The concept of reality in physics]. *Die Sammlung*, 346(??):13–??, ???? 1958. CODEN ???? ISSN ????

Born:1958:BRU

[Bor58c] Max Born. Ein Besuch bei den Raumfahrern und das Uhrenparadoxon. (German) [A visit with astronauts and the clock paradox]. *Physikalische Blätter*, 14(5):207–212, May 1958. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1002/phbl.19580140503/abstract`.

Born:1958:ES

[Bor58d] Max Born. Europe and science. *Bulletin of the Atomic Scientists*, 14(2):73–79, February 1958. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1958:PIW

[Bor58e] Max Born. *Physik im Wandel meiner Zeit. (German) [Physics in Flux in My Time]*, volume 111 of *Die Wissenschaft*. Friedrich Vieweg und Sohn, Braunschweig, Germany, second edition, 1958. vii + 252 pp. LCCN ????

Born:1958:RCS

[Bor58f] Max Born. Reader's comment: Space flight for what? *Bulletin of the Atomic Scientists*, 14(6):234, June 1958. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1958:SFS

[Bor58g] Max Born. Sir Francis Simon, F.R.S. *Z. phys. Chem*, 16(??):ix–xvii, ???? 1958. CODEN ???? ISSN ????

Born:1958:VKM

[Bor58h] Max Born. Vorhersagbarkeit in der klassischen Mechanik. (German) [Predictability in classical mechanics]. *Zeitschrift für Physik*, 153(3):372–388, June 1958. CODEN ZEPYAA. ISSN 0939-7922 (print), 1431-5831 (electronic). URL http://link.springer.com/article/10.1007/BF01329043.

Born:1959:QMM

[Bor59a] Max Born. Dans quelle mesure la mécanique classique peut-elle prédire les trajectoires?. (French) [To what extent can classical mechanics predict trajectories?.]. *Journal de Physique et le Radium*, 20(1):43–50, ???? 1959. CODEN JPRAAJ. ISSN 0368-3842.

Born:1959:EHM

[Bor59b] Max Born. Erinnerungen an Hermann Minkowski zur 50 Wiederkehr seines Todestages. (German) [Memories of Hermann Minkowski on the 50th anniversary of his death]. *Naturwissenschaften*, 46(17):501–505, September 1, 1959. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1959:EMV

[Bor59c] Max Born. Erinnerungen an Max v. Laues Entdeckung der Beugung von Röntgenstrahlen durch Kristalle. (German) [Memories of Max von Laue's discovery of the diffraction of X-rays by crystals]. *Zeitschrift für Kristallographie*, 112(??):1–??, ???? 1959. CODEN ZEKRDZ. ISSN 0044-2968.

Born:1959:PIW

[Bor59d] Max Born. *Physik im Wandel meiner Zeit. (German) [Physics in Flux in My Time]*, volume 111 of *Die Wissenschaft*. Friedrich Vieweg und Sohn, Braunschweig, Germany, third edition, 1959. vii + 252 pp. LCCN ????

Born:1959:VKM

[Bor59e] Max Born. Voraussagbarkeit in der klassischen Mechanik. (German) [Predictability in classical mechanics]. *Physikalische Blätter*, 15(8):342–349, August 1959. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL http://onlinelibrary.wiley.com/doi/10.1002/phbl.19590150802/abstract.

Born:1960:PIG

[Bor60a] Max Born. Die Physik und die Ismen. (German) [Physics and isms]. *Physikalische Blätter*, 16(4):147–148, April 1960.

CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL http://onlinelibrary.wiley.com/doi/10.1002/phbl.19600160402/abstract.

Born:1960:LMI

[Bor60b] Max Born. *L'universo in movimento. (Italian) [The restless universe]*. G. Feltrinelli, Milano, Italy, 1960. 244 pp. LCCN ????

Born:1960:MA

[Bor60c] Max Born. *Mechanics of the atom*. F. Ungar Publishing Co., London, UK, 1960. xvi + 317 pp. LCCN ????

Born:1960:PP

[Bor60d] Max Born. Physics and politics. *Bulletin of the Atomic Scientists*, 16(6):194–200, June 1960. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1960:PPG

[Bor60e] Max Born. *Physik und Politik. (German) [Physics and politics]*. Vandenhoeck & Ruprecht, Göttingen, West Germany, 1960. ???? pp. LCCN ????

Born:1961:BSD

[Bor61a] Max Born. Bemerkungen zur statistischen Deutung der Quantenmechanik. (German) [Remarks on the statistical interpretation of quantum mechanics]. In *W. Heisenberg und die Physik unserer Zeit. (German) [W. Heisenberg and the physics of our time]*, pages 103–118. Friedrich Vieweg und Sohn, Braunschweig, Germany, 1961.

Born:1961:FNT

[Bor61b] Max Born. *La fisica e il nostro tempo. (Italian) [Physics and Our Time]*. Sansoni, Firenze, Italy, 1961. 401 + 16 pp. LCCN ????

Born:1961:MAL

[Bor61c] Max Born. More about Lorentz transformation equations. *The British Journal for the Philosophy of Science*, 12(46):150–151, August 1961. CODEN BJPIA5. ISSN 0007-0882 (print), 1464-3537 (electronic). URL http://bjps.oxfordjournals.org/content/XII/46/150.full.pdf+html; http://www.jstor.org/stable/685494; http://www.jstor.org/stable/pdfplus/685494.pdf.

Born:1962:PPU

[Bor62a] Max Born. Die Physik in der Problematik unseres Zeitalters. (German) [The physics of the problem of our age]. *Universitas: Zeitschrift für interdisziplinäre Wissenschaft*, 17(??):??, ???? 1962. CODEN UNIVA8. ISSN 0041-9079.

Born:1962:ETR

[Bor62b] Max Born. *Einstein's Theory of Relativity*. Dover Publications, Inc., New York, NY, USA, 1962. vii + 376 pp. LCCN QC6 .B66 1962. With the collaboration of Günther Leibfried and Walter Biem.

Born:1962:JF

[Bor62c] Max Born. Jacob Frenkel. *Soviet Physics. Uspekhi*, 5(??):194–??, ???? 1962. CODEN SOPUAP. ISSN 0038-5670.

Born:1962:PPa

[Bor62d] Max Born. *Physics and politics*. Oliver and Boyd, Edinburgh, UK; London, UK, 1962. ???? pp. LCCN ????

Born:1962:PPb

[Bor62e] Max Born. *Physics and politics*. Basic Books, New York, NY, USA, 1962. vii + 86 pp. LCCN QC71 .B6653.

Born:1962:TPW

[Bor62f] Max Born. Translation of a poem by Wilhelm Busch. *Edinburgh University Journal*, ??(??):??, Spring 1962. CODEN ???? ISSN ????

Born:1963:ALG

[Bor63a] Max Born. Antoon Lorentz. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 81, pages 607–611. LCCN ???? Reprinted from Nachr. Ges. Wiss. Göttingen **1928**, 69–73.

Born:1963:AJW

[Bor63b] Max Born. Arnold Johannes Wilhelm Sommerfeld 1868–1951. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 89, pages 647–659. LCCN ???? Reprinted from Obit. Notices Roy. Soc. **8**, 275–287 (1952).

Born:1963:AAGa

[Bor63c] Max Born. *Ausgewählte Abhandlungen. (German) [Selected works]*, volume 1. Vandenhoeck & Ruprecht, Göttingen, West Germany,

1963. xxiv + 718 pp. LCCN ???? Mit einem Verzeichnis der wissenschaftlichen Schriften (German) [With a table of contents of scientific writings].

Born:1963:AAGb

[Bor63d] Max Born. *Ausgewählte Abhandlungen. (German) [Selected works]*, volume 2. Vandenhoeck & Ruprecht, Göttingen, West Germany, 1963. viii + 706 pp. LCCN ???? Mit einem Verzeichnis der wissenschaftlichen Schriften (German) [With a table of contents of scientific writings].

Born:1963:BSD

[Bor63e] Max Born. Bemerkungen zur statistischen Deutung der Quantenmechanik. (German) [Comments on the statistical interpretation of quantum mechanics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 70, pages 454–468. LCCN ???? Reprinted from Werner Heisenberg und die Physik unserer Zeit. Vieweg, Braunschweig 1961, pp. 103–118.

Born:1963:BTS

[Bor63f] Max Born. Berichtigung: Die Theorie des starren Elektrons in der Kinematik des Relativitätsprinzips. (German) [Correction: Theory of the rigid electron in the kinematics of the Principle of Relativity]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 2, page 160. LCCN ???? See [Bor63n]. Reprinted from Ann. Physik (4), **30**, 840 (1909).

Born:1963:BFG

[Bor63g] Max Born. Betrachtungen zur Farbenlehre. (German) [Considerations of color theory]. *Naturwissenschaften*, 50(??):29–39, ???? 1963. CODEN NATWAY. ISSN 0028-1042 (print), 1432-1904 (electronic).

Born:1963:CDR

[Bor63h] Max Born. Continuity, determinism and reality. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 6, pages 196–219. LCCN ???? Reprinted from Dan. Mat. Fys. Medd. **80**, No. 2 (1955), 26 S..

Born:1963:CSC

[Bor63i] Max Born. Corrigenda: On the Stability of Crystal Lattices IX. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 34, pages 581–582. LCCN ???? See [Bor63-32]. Reprinted from Proc. Camb. Phil. Soc. **40**, 262–263 (1944).

Born:1963:AQG

[Bor63j] Max Born. Das Adiabatenprinzip in der Quantenmechanik. (German) [Adiabatic principle in quantum mechanics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 58, pages 258–283. LCCN ???? Reprinted from Z. Physik **40**, 167–192 (1926).

Born:1963:IES

[Bor63k] Max Born. Der Impuls-Energie-Satz in der Elektrodynamik von Gustav Mie. (German) [The pulse-energy theorem in Gustav Mie's electrodynamics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 71, pages 470–483. LCCN ???? Reprinted from Nachr. Ges. Wiss. Göttingen **1914**, 23–37.

Born:1963:EHG

[Bor63l] Max Born. Die Elektronenaffinität der Halogenatome. (German) [The electron affinity of halogen atoms]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 19, pages 375–382. LCCN ???? Reprinted from Verh. Dtsch. Physik. Ges. **21**, 679–685 (1919).

Born:1963:SDQ

[Bor63m] Max Born. Die statistische Deutung der Quantenmechanik. (German) [The statistical interpretation of quantum mechanics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 68, pages 430–441. LCCN ???? Reprinted from Nobelvortrag, gehalten am 11. Dezember 1954, Les Prix Nobel en 1954, Stockholm 1955, pp. 79–90.

Born:1963:TSE

[Bor63n] Max Born. Die Theorie des starren Elektrons in der Kinematik des Relativitätsprinzips. (German) [The theory of the rigid electron in the kinematics of the Principle of Relativity]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 2, pages 105–159. LCCN ???? See correction [Bor63f]. Reprinted from Ann. Physik (4), **30**, 1–56 (1909).

Born:1963:UEA

[Bor63o] Max Born. Die ultraroten Eigenfrequenzen der Alkalihalogenidkristalle. (German) [The infra-red natural frequencies of alkali halide crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 30, pages 527–528. LCCN ???? Reprinted from Z. Physik **76**, 559–560 (1932).

Born:1963:DAB

[Bor63p] Max Born. Dr. Arnold Berliner. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 84, page 620. LCCN ???? Reprinted from Nature **150**, 284 (1942).

Born:1963:BEG

[Bor63q] Max Born. Eine Bemerkung über den Elektronenradius. (German) [A note on the electron radius]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 72, pages 484–485. LCCN ???? Reprinted from Naturwiss. **20**, 269 (1932).

Born:1963:DMF

[Bor63r] Max Born. Eine direkte Messung der freien Weglänge neutraler Atome. (German) [A direct measurement of the free path of neutral atoms]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 43, pages 694–697. LCCN ???? Reprinted from Physik. Zschr. **21**, 578–581 (1920).

Born:1963:TAG

[Bor63s] Max Born. Eine thermochemische Anwendung der Gittertheorie. (German) [A thermochemical application of lattice theory]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 18, pages 363–374. LCCN ???? Reprinted from Verh. Dtsch. Physik. Ges. **21**, 13–24 (1919).

Born:1963:ECD

[Bor63t] Max Born. Elastic constants of diamond. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 38, pages 634–635. LCCN ???? Reprinted from Nature **157**, 582 (1946).

Born:1963:EAE

[Bor63u] Max Born. Erinnerungen an Albert Einstein. (German) [Memories of Albert Einstein]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 90, pages 660–668. LCCN ???? Reprinted from Der Mathematische und Naturwissenschaftliche Unterricht **IX** 97–105 (1956).

Born:1963:EHM

[Bor63v] Max Born. Erinnerungen an Hermann Minkowski zur 50. Wiederkehr seines Todestages. (German) [Memories of Hermann Minkowski on the 50th anniversary of his death]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 92, pages 678–690. LCCN ???? Reprinted from Naturwiss. **46**, 501–505 (1959).

Born:1963:ES

[Bor63w] Max Born. Erwin Schrödinger. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 93, pages 691–694. LCCN ???? Reprinted from Physik. Bl. **17**, 85–87 (1961).

Born:1963:HPG

[Bor63x] Max Born. Hilbert und die Physik. (German) [Hilbert and physics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 78, pages 584–598. LCCN ???? Reprinted from Naturwiss. **10**, 88–93 (1922).

Born:1963:KEK

[Bor63y] Max Born. Kopplung der Elektronen- und Kernbewegung in Molekeln und Kristallen. (German) [Coupling of electron and nuclear motion in molecules and crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 40, pages 654–655. LCCN ???? Reprinted from Nachr. Akad. Wiss. Göttingen, **1951**, Nr. 6.

Born:1963:KBT

[Bor63z] Max Born. Kritische Betrachtungen zur traditionellen Darstellung der Thermodynamik. (German) [Critical considerations on the traditional representation of thermodynamics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 3, pages 161–176. LCCN ???? Reprinted from Physik. Zschr. **22**, 218–224, 249–254, 282–286 (1921).

Born:1963:MAa

[Bor63-27] Max Born. Man and the atom. In Grodzins and Rabinowitch [GR63], pages 590–601. LCCN D842 .B78. Reprint of [Bor57b].

Born:1963:MKE

[Bor63-28] Max Born. Max Karl Ernst Ludwig Planck 1858–1947. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 88, pages 626–646. LCCN ???? Reprinted from Obit. Notices Roy. Soc. **6**, 161–181 (1948).

Born:1963:QTP

[Bor63-29] Max Born. On the quantum theory of pyroelectricity. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 37, pages 627–633. LCCN ???? Reprinted from Rev. Mod. Physics **17**, 245–251 (1945).

Born:1963:QTE

[Bor63-30] Max Born. On the quantum theory of the electromagnetic field. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 73, pages 486–513. LCCN ???? Reprinted from Proc. Roy. Soc. **A 143**, 410–437 (1934).

Born:1963:SCLa

[Bor63-31] Max Born. On the stability of crystal lattices I. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 33, pages 550–562. LCCN ???? Reprinted from Proc. Camb. Phil. Soc. **36**, 160–172 (1940).

Born:1963:SCLb

[Bor63-32] Max Born. On the stability of crystal lattices IX. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 34, pages 563–580. LCCN ???? See [Bor63i]. Reprinted from Proc. Camb. Phil. Soc. **38**, 82–99 (1942).

Born:1963:POT

[Bor63-33] Max Born. Prof. Otto Toeplitz. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 82, pages 612–613. LCCN ???? Reprinted from Nature **145**, 617 (1940).

Born:1963:PHR

[Bor63-34] Max Born. Professor Heinrich Rausch von Traubenberg. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 86, pages 623–624. LCCN ???? Reprinted from Nature **157**, 328 (1946).

Born:1963:PVM

[Bor63-35] Max Born. Professor V. M. Goldschmidt, For.Mem.R.S. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 87, page 625. LCCN ???? Reprinted from Nature **159**, 701 (1947).

Born:1963:QSVb

[Bor63-36] Max Born. Quantenmechanik der Stoßvorgänge. (German) [quantum mechanics of collision processes]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 57, pages 233–257. LCCN ???? Reprinted from Z. Physik / **38**, 803–827 (1926).

Born:1963:QSG

[Bor63-37] Max Born. Quantenmechanik und Statistik. (German) [Quantum mechanics and statistics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 60, pages 299–309. LCCN ???? Reprinted from Naturwiss. **15**, 238–242 (1927).

Born:1963:RNP

[Bor63-38] Max Born. Reciprocity and the number 137, Part I. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 77, pages 579–582. LCCN ???? Reprinted from Proc. Roy. Soc. Edinb. **59**, 219–223 (1939).

Born:1963:SFS

[Bor63-39] Max Born. Sir Francis Simon, F.R.S. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 91, pages 669–677. LCCN ???? Reprinted from Z. physik. Chemie N.F. **16**, Simon-Gedenkheft, pp. ix–xvii (1958).

Born:1963:SJJ

[Bor63-40] Max Born. Sir J. J. Thomson, O.M., F.R.S. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 83, pages 614–619. LCCN ???? Reprinted from Proc. Physic. Soc. Lond. **53**, 305–310 (1941).

Born:1963:SBS

[Bor63-41] Max Born. Sommerfeld als Begründer einer Schule. (German) [Sommerfeld as the founder of a school]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 80, pages 604–606. LCCN ???? Reprinted from Naturwiss. **16**, 1035–1036 (1928).

Born:1963:STR

[Bor63-42] Max Born. Special Theory of Relativity. *Nature*, 197(4874):1287, March 30, 1963. CODEN NATUAS. ISSN 0028-0836 (print), 1476-4687 (electronic). URL `http://www.nature.com/nature/journal/v197/n4874/pdf/1971287a0.pdf`.

Born:1963:SEL

[Bor63-43] Max Born. Stabilität der elastischen Linie in Ebene und Raum. (German) [Stability of the elastic line in the plane and space]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 1, pages 1–104. LCCN ???? Reprinted from Preisschrift und Dissertation, Göttingen, Dieterichsche Universitäts Buchdruckerei Göttingen, 1906.

Born:1963:SMC

[Bor63-44] Max Born. The statistical mechanics of condensing systems. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 45, pages 699–709. LCCN ???? Reprinted from Physica **4**, 1034–1044 (1937).

Born:1963:SUQ

[Bor63-45] Max Born. A suggestion for unifying quantum theory and relativity. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 76, pages 560–578. LCCN ???? Reprinted from Proc. Roy. Soc. **A 165**, 291–303 (1938).

Born:1963:TIR

[Bor63-46] Max Born. Theoretical investigations on the relation between crystal dynamics and X-ray scattering. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 36, pages 587–626. LCCN ???? Reprinted from Rep. Progr. Physics **9**, 294–333 (1943).

Born:1963:TCL

[Bor63-47] Max Born. The thermodynamics of crystal lattices. I. Discussion of the methods of calculation. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 35, pages 583–586. LCCN ???? Reprinted from Proc. Camb. Phil. Soc. **39**, 100–103 (1943).

Born:1963:TCM

[Bor63-48] Max Born. Thermodynamics of crystals and melting. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 32, pages 537–549. LCCN ???? Reprinted from J. Chem. Physics **7**, 591–603 (1939).

Born:1963:BEI

[Bor63-49] Max Born. Über die Beweglichkeit der elektrolytischen Ionen. (German) [On mobility of electrolytic ions]. In *Ausgewählte Abhandlun-*

gen. (German) [Selected works] [Bor63c], chapter 42, pages 665–693. LCCN ???? Reprinted from Z. Physik **1**, 221–249 (1920).

Born:1963:MBZ

[Bor63-50] Max Born. Über die Maxwellsche Beziehung zwischen Brechungsindex und Dielektrizitätskonstante und über eine Methode zur Bestimmung der Ionenladung von Kristallen. (German) [On the Maxwellian relationship between refractive index and dielectric constant and on a method for determining the ionic charge of crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 13, pages 307–316. LCCN ???? Reprinted from S. B. Preuß. Akad. Wiss. Berlin **1918**, 604–613.

Born:1963:NOA

[Bor63-51] Max Born. Über die natürliche optische Aktivität von Flüssigkeiten und Gasen. (German) [On the natural optical activity of liquids and gases]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 41, pages 657–664. LCCN ???? Reprinted from Physik. Zschr. **16**, 251–258 (1915).

Born:1963:OAK

[Bor63-52] Max Born. Über die optische Aktivität der Kristalle. (German) [On the optical activity of crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 12, pages 294–306. LCCN ???? Reprinted from Elster-Geitel-Festschrift, Vieweg, Braunschweig **1915**, S. 391–403.

Born:1963:UEZ

[Bor63-53] Max Born. Über die ultraroten Eigenschwingungen zweiatomiger Kristalle. (German) [On the infra-red natural frequencies of diatomic crystals]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 14, pages 317–326. LCCN ???? Reprinted from Physik. Zschr. **19**, 539–548 (1918).

Born:1963:DMN

[Bor63-54] Max Born. Über einen direkten mechanischen Nachweis des Dipolcharakters von Flüssigkeitsmolekeln. (German) [On a direct mechanical proof of the dipole character of liquid molecules]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 44, page 698. LCCN ???? Reprinted from Verh. Dtsch. Physik. Ges. **2**, 53 (1921).

Born:1963:EGG

[Bor63-55] Max Born. Über elektrostatische Gitterpotentiale. (German) [On electrostatic lattice potentials]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 26, pages 434–450. LCCN ???? Reprinted from Z.Physik **7**, 124–140 (1921).

Born:1963:QGQa

[Bor63-56] Max Born. Über Quantenmechanik. (German) [On quantum mechanics]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 50, pages 61–77. LCCN ???? Reprinted from Z. Physik **26**, 379–395 (1924).

Born:1963:VWS

[Bor63-57] Max Born. Verzeichnis der wissenschaftlichen Schriften von Max Born. (German) [List of scientific writings of Max Born]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], pages 695–?? LCCN ???? Mit einem Verzeichnis der wissenschaftlichen Schriften (German) [With a table of contents of scientific writings].

Born:1963:WBN

[Bor63-58] Max Born. Was bleibt noch zu hoffen?. (German) [What's left to hope for?]. *Universitas: Zeitschrift für interdisziplinäre Wissenschaft*, 18(4):337–346, ???? 1963. CODEN UNIVA8. ISSN 0041-9079.

Born:1963:QSVa

[Bor63-59] Max Born. Zur Quantenmechanik der Stoßvorgänge. (German). [Toward a quantum mechanics of collision processes]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 56, pages 228–232. LCCN ???? Reprinted from Z. Physik **37**, 863–867 (1926).

Born:1963:QCK

[Bor63-60] Max Born. Zur Quantentheorie der chemischen Kräfte. (German) [Toward the quantum theory of chemical forces]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 64, pages 370–781. LCCN ???? Reprinted from Z. Physik **64**, 729–740 (1930).

Born:1963:RDG

[Bor63-61] Max Born. Zur Raumgittertheorie des Diamanten. (German) [Toward the space lattice theory of diamond]. In *Ausgewählte Ab-*

handlungen. (German) [Selected works] [Bor63c], chapter 11, pages 256–293. LCCN ???? Reprinted from Ann. Physik (4) **44**, 605–642 (1914).

Born:1963:TKGb

[Bor63-62] Max Born. Zur Theorie des Kernzerfalls. (German) [Toward the theory of nuclear disintegration]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 63, pages 354–369. LCCN ???? Reprinted from Z. Physik **58**, 306–321 (1929).

Born:1963:TKGa

[Bor63-63] Max Born. Zur Thermodynamik der Kristallgitter. (German) [Toward a thermodynamics of crystal lattices]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63c], chapter 27, pages 451–482. LCCN ???? Reprinted from Z. Physik **7**, 217–248 (1921).

Born:1963:WSV

[Bor63-64] Max Born. Zur Wellenmechanik der Stoßvorgänge. (German) [Toward a wave mechanics of collision processes]. In *Ausgewählte Abhandlungen. (German) [Selected works]* [Bor63d], chapter 59, pages 284–298. LCCN ???? Reprinted from Nachr. Ges. Wiss. Göttingen **1926**, 146–160.

Born:1964:MA

[Bor64a] Max Born. Der Mensch und das Atom. (German) [Man and the atom]. In *Die Friedensrundschau (Hamburg). (German) [The peace review (Hamburg)]*, pages 16–23. ????, ????, 1964.

Born:1964:REG

[Bor64b] Max Born. *Die Relativitaätstheorie Einsteins. (German) [Einstein's Theory of Relativity]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., fourth edition, 1964. xi + 328 pp. LCCN QC6 .B65 1964. With the collaboration of Walter Biem.

Born:1964:MMB

[Bor64c] Max Born. Message from Max Born. *Reviews of Modern Physics*, 36(2):509, April 1964. CODEN RMPHAT. ISSN 0034-6861 (print), 1538-4527 (electronic), 1539-0756. URL `http://rmp.aps.org/abstract/RMP/v36/i2/p509_1`. Open letter to Robert Oppenheimer.

Born:1964:RMW

[Bor64d] Max Born. Reminiscences of my work on the dynamics of crystal lattices. In *Proceedings of the International Conference Lattice Dynamics at Copenhagen*, page ?? Pergamon, New York, NY, USA, 1964.

Born:1964:SW

[Bor64e] Max Born. Symbol und Wirklichkeit. (German) [Symbol and reality]. *Physik Journal*, 20(12):554–555, December 1964. CODEN PJHOB2. ISSN 1617-9439 (print), 1619-6597 (electronic).

Born:1964:SWG

[Bor64f] Max Born. Symbol und Wirklichkeit. (German) [Symbol and reality]. *Universitas: Zeitschrift für interdisziplinäre Wissenschaft*, 19 (8):817–834, ???? 1964. CODEN UNIVA8. ISSN 0041-9079.

Born:1964:WLH

[Bor64g] Max Born. What is left for hope for? *Bulletin of the Atomic Scientists*, 20(4):2–5, April 1964. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1965:ETR

[Bor65a] Max Born. *Einstein's theory of relativity*. Dover Publications, Inc., New York, NY, USA, revised edition, 1965. ISBN 0-486-60769-0. vii + 376 pp. LCCN QC6 .B653 1965. URL `http://www.loc.gov/catdir/description/dover032/65001214.html`; `http://www.loc.gov/catdir/enhancements/fy1318/65001214-t.html`. Prepared with the collaboration of Günther Leibfried and Walter Biem.

Born:1965:EEG

[Bor65b] Max Born. Erinnerungen an Einstein. (German) [Memories of Einstein]. *Physikalische Blätter*, 21(7):297–306, July 1965. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1002/phbl.19650210701/abstract`.

Born:1965:FAP

[Bor65c] Max Born. *Física Atómica. (Portuguese) [Atomic Physics]*. Fundação Calouste Gulbenkian, Lisboa, Portugal, 1965. 513 pp. LCCN ????

Born:1965:OLE

[Bor65d] Max Born. *Optik: Ein Lehrbuch der elektromagnetischen Lichttheorie. (German) [Optics: a textbook of the electromagnetic theory of light]*. Springer-Verlag, Berlin, Germany / Heidelberg, Germany / London, UK / etc., second edition, 1965. viii + 591 pp. LCCN ????

Born:1965:RTE

[Bor65e] Max Born. Reciprocity theory of elementary particles. *Progress of Theoretical Physics (Osaka)*, ??(??):31–55, ???? 1965. CODEN ???? ISSN ???? Supplementary Number.

Born:1965:RMBa

[Bor65f] Max Born. Recollections of Max Born. I. How I became a physicist. *Bulletin of the Atomic Scientists*, 21(7):3–6, September 1965. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1965:RMBb

[Bor65g] Max Born. Recollections of Max Born. II. What i did as a physicist. *Bulletin of the Atomic Scientists*, 21(8):9–13, October 1965. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic).

Born:1965:RMBc

[Bor65h] Max Born. Recollections of Max Born. III. Reflections. *Bulletin of the Atomic Scientists*, 21(9):3–6, November 1965. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). See comment [Wil67].

Born:1965:SWV

[Bor65i] Max Born. Symbol und Wirklichkeit I: Ein Versuch, auf naturwissenschaftliche Weise zu philosophieren — nicht eine Philosophie der Naturwissenschaften. (German) [Symbol and reality I: An attempt to philosophize in a scientific manner not a philosophy of science]. *Physik Journal*, 21(2):53–63, February 1965.

Born:1965:SWI

[Bor65j] Max Born. Symbol und Wirklichkeit. II. (German) [Symbol and reality. II]. *Physikalische Blätter*, 21(3):106–108, March 1965. CODEN PHBLAG. ISSN 0031-9279 (print), 1521-3722 (electronic). URL `http://onlinelibrary.wiley.com/doi/10.1002/phbl.19650210302/abstract`.

Born:1965:VNG

[Bor65k] Max Born. *Von der Verantwortung des Naturwissenschaftlers. (German) [On the responsibility of scientists]*. Nymphenburger Verlagshandlung GmbH, München, West Germany, 1965. ???? pp. LCCN ????

Born:1966:SR

[Bor66a] M. Born. Symbol and reality. *Dialectica: International Review of Philosophy of Knowledge*, 20(2):143–157, June 1966. CODEN ???? ISSN 0012-2017 (print), 1746-8361 (electronic).

Born:1966:BES

[Bor66b] Max Born. Blessings and evils of space travel. *Bulletin of the Atomic Scientists*, 22(8):12–14, October 1966. CODEN BASIAP. ISSN 0096-3402 (print), 1938-3282 (electronic). Translated by Charles W. Scherr from the German original, published in *Universitas* and in *Neue Deutsche Hefte*, **106**, 113 (1965), as well as in the author's 1965 book of essays, *Von der Verantwortung Naturwissenschaftlers*.

Born:1966:HVG

[Bor66c] Max Born. Hoffnung auf die Vernunft. (German) [Hope for the reason]. *Europa*, ??(??):7–8, ???? 1966. CODEN ???? ISSN ????

Born:1966:MRB

[Bor66d] Max Born. The Moon race and beyond. *Discovery*, 5(??):27–??, ???? 1966. CODEN DISCAH. ISSN 0012-3625.

Born:1966:PIW

[Bor66e] Max Born. *Physik im Wandel meiner Zeit. (German) [Physics in Flux in My Time]*, volume 111 of *Die Wissenschaft*. Friedrich Vieweg und Sohn, Braunschweig, Germany, fourth expanded edition, 1966. 299 pp. LCCN ????

Born:1966:OS

[Bor66f] Max Born. Über Objektivität und Subjektivität. (German) [On objectivity and subjectivity]. In *Dialog des Abendlandes — Physik und Philosophie. (German) [Dialogue of the West — physics and philosophy]*, page ?? ????, München, Germany, 1966.

Born:1966:SUW

[Bor66g] Max Born. Vom Segen und Unsegen der Weltraumfahrt. (German) [The blessing and curse of space travel]. *Deutsches Adelsblatt*, ?? (??):165–166, ???? 1966. CODEN ???? ISSN ????

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