

Wolfgang Hw Morgenroth

List of Publications by Year in descending order

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130
papers

2,715
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185998

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137
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docs citations

137
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3434
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#	ARTICLE	IF	CITATIONS
1	Incommensurate Phase in $\text{Co}(\text{III})$ Sepulchrate Trinitrate Governed by Highly Competitive $\text{N}^{\sim}\text{H}\text{â}\dots\text{O}$ and $\text{C}^{\sim}\text{H}\text{â}\dots\text{O}$ Hydrogen Bond Networks**. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	2
2	Investigating the Structural Symmetrization of CsI_3 at High Pressures through Combined X-ray Diffraction Experiments and Theoretical Analysis. <i>Inorganic Chemistry</i> , 2022, 61, 10977-10985.	1.9	4
3	Elastic stiffness coefficients of thiourea from thermal diffuse scattering. <i>Journal of Applied Crystallography</i> , 2021, 54, 287-294.	1.9	3
4	Tetrahedrally Coordinated sp^3 -Hybridized Carbon in Sr_2CO_4 Orthocarbonate at Ambient Conditions. <i>Inorganic Chemistry</i> , 2021, 60, 5419-5422.	1.9	27
5	Hexagonal $\text{Si}^{\sim}\text{Ge}$ Class of Semiconducting Alloys Prepared by Using Pressure and Temperature. <i>Chemistry - A European Journal</i> , 2021, 27, 14217-14224.	1.7	3
6	Laser heating system at the Extreme Conditions Beamline, P02.2, PETRA III. <i>Journal of Synchrotron Radiation</i> , 2021, 28, 1747-1757.	1.0	14
7	High-pressure, high-temperature phase stability of iron-poor dolomite and the structures of dolomite-IIIc and dolomite-V. <i>Physics of the Earth and Planetary Interiors</i> , 2020, 299, 106403.	0.7	16
8	Synthesis and characterization of $\text{Pt}(\text{Cu}_{0.67}\text{Sn}_{0.33})$. <i>Solid State Sciences</i> , 2020, 105, 106282.	1.5	1
9	A chondrule formation experiment aboard the ISS: Experimental set-up and test experiments. <i>Icarus</i> , 2020, 350, 113898.	1.1	7
10	Elastic and thermal properties of $\text{W}_7\text{Re}_{13}\text{B}$ and synthesis of a new ternary phase $\text{W}_{1.3}\text{Re}_{2.7}\text{B}_2$. <i>Solid State Sciences</i> , 2020, 105, 106211.	1.5	1
11	Phase stabilities of MgCO_3 studied by Raman spectroscopy, x-ray diffraction, and density functional theory calculations. <i>Physical Review Materials</i> , 2020, 4, .	1.0	1
12	A portable on-axis laser-heating system for near-90° X-ray spectroscopy: application to ferropericlasite and iron silicide. <i>Journal of Synchrotron Radiation</i> , 2020, 27, 414-424.	1.0	14
13	Equation of state and high-pressure phase behaviour of SrCO_3 . <i>European Journal of Mineralogy</i> , 2020, 32, 575-586.	0.4	12
14	Pressure-induced $\text{Pb}^{\sim}\text{Pb}$ bonding and phase transition in Pb_2SnO_4 . <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020, 76, 979-991.	0.5	8
15	Effect of ball to powder ratio on the mechanosynthesis of Re_2C and its compressibility. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151867.	2.8	11
16	New dynamic diamond anvil cells for tera-pascal per second fast compression x-ray diffraction experiments. <i>Review of Scientific Instruments</i> , 2019, 90, 065114.	0.6	30
17	Ognitite, NiBiTe , a new mineral species, and Co-rich maucherite from the Ognit ultramafic complex, Eastern Sayans, Russia. <i>Mineralogical Magazine</i> , 2019, 83, 695-703.	0.6	1
18	Soft-phonon driven hexagonal-orthorhombic phase transition in BaVS_3 . <i>Physical Review B</i> , 2019, 99, .	1.1	4

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19	High-pressure compressibility and electronic properties of bismuth silicate Bi ₂ SiO ₅ from synchrotron experiments and first-principles calculations. Physical Review B, 2019, 99, .	1.1	8
20	Persistent Octahedral Coordination in Amorphous GeO_2 Up to 100 GPa by x-ray diffraction, thermal diffuse scattering and Raman scattering. Journal of Physics Condensed Matter, 2019, 31, 055703.	2.8	17
21	Structural, elastic and vibrational properties of celestite, SrSO ₄ , from synchrotron x-ray diffraction, thermal diffuse scattering and Raman scattering. Journal of Physics Condensed Matter, 2019, 31, 055703.	0.7	7
22	A new diffractometer for diffuse scattering studies on the ID28 beamline at the ESRF. Journal of Synchrotron Radiation, 2019, 26, 272-279.	1.0	25
23	Pressure-induced changes of the structure and properties of monoclinic Cu_2S . Physical Review B, 2018, 97, .	1.1	9
24	Compressibility, microcalorimetry, elastic properties and EELS of rhenium borides. Solid State Sciences, 2018, 81, 71-81.	1.5	6
25	LAMBDA 2M GaAs A multi-megapixel hard X-ray detector for synchrotrons. Journal of Instrumentation, 2018, 13, C01026-C01026.	0.5	28
26	Pressure-induced phase transition from calcite to aragonite detected by fluorescence spectroscopy. European Journal of Mineralogy, 2018, 30, 711-720.	0.4	4
27	Competing structural instabilities in Bi_2Te_3 . Physical Review B, 2018, 98, .	1.9	19
28	High-Pressure Synthesis of Ir_4B_5 and Determination of the Compressibility of Various Iridium Borides. Inorganic Chemistry, 2018, 57, 10341-10351.	1.9	10
29	Synthesis of Hf ₈ O ₇ , a new binary hafnium oxide, at high pressures and high temperatures. High Pressure Research, 2017, 37, 147-158.	0.4	3
30	Lattice dynamics and Mg/Ti order in orthorhombic pseudobrookite-type MgTi ₂ O ₅ . Journal of Alloys and Compounds, 2017, 699, 16-24.	2.8	12
31	High pressure elasticity of FeCO ₃ -MgCO ₃ carbonates. Physics of the Earth and Planetary Interiors, 2017, 271, 57-63.	0.7	22
32	Optical and structural study of the pressure-induced phase transition of CdWO_4 . Physical Review B, 2017, 95, .	1.1	13
33	An intermediate antipolar phase in NaNbO ₃ under compression. Ferroelectrics, 2017, 520, 22-33.	0.3	8
34	Structural Transitions in Elemental Tin at Ultra High Pressures up to 230 GPa. JETP Letters, 2017, 106, 733-738.	0.4	8
35	Phase Stability of Lanthanum Orthovanadate at High Pressure. Journal of Physical Chemistry C, 2016, 120, 13749-13762.	1.5	42
36	High-pressure phase of LaPO_4 by x-ray diffraction and second harmonic generation. Physical Review B, 2016, 94, .	2.1	21

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37	Ferroelectric soft mode of polar ZnTiO ₃ investigated by Raman spectroscopy at high pressure. Physical Review B, 2015, 91, .	1.1	15
38	Pressure-induced spin collapse of octahedrally coordinated the tetragonal hydrogarnet henritermierite $MnCa_3$. Physical Review B, 2015, 92, .	1.1	8
39	Competing magnetic and structural states in multiferroic $YMnO_3$. Physical Review B, 2015, 92, .	1.1	38
40	Viscosity and phase separations of binary CO ₂ -He and CO ₂ -Ar mixtures. High Pressure Research, 2015, 35, 1-8.	0.4	4
41	Study of the reaction products of SF ₆ and C in the laser heated diamond anvil cell by pair distribution function analysis and micro-Raman spectroscopy. Journal of Solid State Chemistry, 2015, 225, 141-148.	1.4	4
42	High-pressure phases of SF ₆ up to 32 GPa from X-ray diffraction and Raman spectroscopy. Journal of Physics and Chemistry of Solids, 2015, 80, 11-21.	1.9	4
43	High-pressure structural phase transition in $MnWO_4$. Physical Review B, 2015, 91, .	1.1	1
44	The Extreme Conditions Beamline P02.2 and the Extreme Conditions Science Infrastructure at PETRA-III. Journal of Synchrotron Radiation, 2015, 22, 908-924.	1.0	150
45	The Polymorphic Phase Transformations in the Chlorpropamide under Pressure. Journal of Pharmaceutical Sciences, 2015, 104, 81-86.	1.6	12
46	Pressure-induced antiferromagnet-ferromagnet transition and a change in the spin state of Co in La _{0.5} Ba _{0.5} CoO _{2.8} . JETP Letters, 2014, 100, 380-384.	0.4	5
47	Compression behavior of Sm ₂ Ti ₂ O ₇ -pyrochlore up to 50 GPa: single-crystal X-ray diffraction and density functional theory calculations. Science Bulletin, 2014, 59, 5278-5282.	1.7	7
48	On the temperature dependence of H ₂ in the riding hydrogen model. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, 309-316.	0.0	43
49	The Local Atomic Structures of Liquid CO at 3.6 GPa and Polymerized CO at 0 to 30 GPa from High-Pressure Pair Distribution Function Analysis. Chemistry - A European Journal, 2014, 20, 11531-11539.	1.7	17
50	High-Pressure Phase Transition of Coffinite, USiO ₄ . Journal of Physical Chemistry C, 2014, 118, 25141-25149.	1.5	14
51	Pressure-induced spin collapse of octahedrally coordinated $PbFe_3Ca_3$. Physical Review B, 2014, 90, .	1.1	12
52	Elastic behavior and pressure-induced structure evolution of topaz up to 45 GPa. Physics and Chemistry of Minerals, 2014, 41, 569-577.	0.3	17
53	Phase diagram and P-V-T equation of state of Al-bearing seifertite at lowermost mantle conditions. American Mineralogist, 2014, 99, 2035-2042.	0.9	10
54	Pressure-induced polar phases in relaxor multiferroic $PbFe_{0.5}Nb_{0.5}O_3$. Physical Review B, 2014, 90, .	1.1	24

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55	Structural change in molten basalt at deep mantle conditions. <i>Nature</i> , 2013, 503, 104-107.	13.7	145
56	High pressure powder X-ray diffraction of sillenites Bi ₁₂ MO ₂₀ (M=Si, Ge, Ti) and Bi ₄ Ti ₃ O ₁₂ . <i>Journal of Solid State Chemistry</i> , 2013, 208, 35-42.	1.4	7
57	Anomalous compression and new high-pressure phases of vanadium sesquioxide, V ₂ O ₃ . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 385401.	0.7	11
58	Effect of high pressure on the crystal structure, magnetic, and vibrational properties of multiferroic RbFe(MoO ₄) ₂ . <i>Physical Review B</i> , 2013, 87, .	1.1	12
59	In situ study of the formation of rhenium borides from the elements at high-(p, T) conditions: Extreme incompressibility of Re ₇ B ₃ and formation of new phases. <i>Solid State Sciences</i> , 2013, 25, 85-92.	1.5	6
60	Neutron and X-ray diffraction analysis of the effect of irradiation dose and temperature on microstructure of irradiated HT-9 steel. <i>Journal of Nuclear Materials</i> , 2013, 443, 522-530.	1.3	22
61	A comparison of electron density from Hirshfeld-atom refinement, X-ray wavefunction refinement and multipole refinement on three urea derivatives. <i>CrystEngComm</i> , 2013, 15, 2084.	1.3	28
62	Synthesis and characterization of Fe ₂ O ₃ for the investigation of radioparagenesis. <i>Solid State Sciences</i> , 2013, 18, 58-63.	1.5	1
63	Pressure-induced phase transitions in sodium europium carbonate (Na ₃ Eu(CO ₃) ₃) and europium-doped yttrium sesquioxide (Y ₂ O ₃ :Eu ³⁺) by time-resolved laser fluorescence spectroscopy. <i>High Pressure Research</i> , 2013, 33, 652-662.	0.4	1
64	In situ study of the high pressure high-temperature stability field of TaN and of the compressibilities of f-TaN and TaON. <i>High Pressure Research</i> , 2013, 33, 633-641.	0.4	15
65	Transformation and structure of silicatelike CO ₂ -V. <i>Physical Review B</i> , 2013, 87, .	1.1	20
66	Phase transitions in KIO ₃ . <i>Journal of Physics Condensed Matter</i> , 2012, 24, 325401.	0.7	12
67	Materials Properties of Ultra-Incompressible Re ₂ P. <i>Chemistry of Materials</i> , 2012, 24, 3240-3246.	3.2	15
68	High-pressure phase transition of Bi ₂ Fe ₄ O ₉ . <i>Journal of Physics Condensed Matter</i> , 2012, 24, 145401.	0.7	12
69	Evidence for Point Transformations in Photoactive Molecular Crystals by the Photoinduced Creation of Diffuse Diffraction Patterns. <i>Journal of Physical Chemistry B</i> , 2012, 116, 10996-11003.	1.2	5
70	Disorder in BaThF ₆ refinement of anharmonic displacement parameters from high-pressure single-crystal X-ray diffraction data. <i>Dalton Transactions</i> , 2011, 40, 1902.	1.6	9
71	Real-Space Indicators for Chemical Bonding. Experimental and Theoretical Electron Density Studies of Four Tetrahedral Boranes. <i>Inorganic Chemistry</i> , 2011, 50, 90-103.	1.9	45
72	Charge Transfer via the Dative N→B Bond and Dihydrogen Contacts. Experimental and Theoretical Electron Density Studies of Four Tetrahedral Boranes. <i>Journal of Physical Chemistry A</i> , 2011, 115, 1385-1395.	1.1	37

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73	Structure Solution of the High-Pressure Phase of CuWO_4 and Evolution of the Jahn-Teller Distortion. <i>Chemistry of Materials</i> , 2011, 23, 4220-4226.	3.2	55
74	The effect of crystallite size and stress condition on the equation of state of nanocrystalline MgO. <i>Journal of Applied Physics</i> , 2011, 110, .	1.1	14
75	Pressure induced phase transition in $\text{Pb}_6\text{Bi}_2\text{S}_9$. <i>Physics and Chemistry of Minerals</i> , 2011, 38, 1-10.	0.3	16
76	Decomposition of $\text{W}(\text{CO})_6$ at high pressures and temperatures. <i>Journal of Applied Crystallography</i> , 2011, 44, 820-830.	1.9	2
77	Modulated structure of nepheline. <i>Acta Crystallographica Section B: Structural Science</i> , 2011, 67, 18-29.	1.8	15
78	The Extreme Conditions Beamline at PETRA III, DESY: Possibilities to conduct time resolved monochromatic diffraction experiments in dynamic and laser heated DAC. <i>Journal of Physics: Conference Series</i> , 2010, 215, 012029.	0.3	43
79	Persistence of the stereochemical activity of the Bi^{3+} lone electron pair in $\text{Bi}_2\text{Ga}_4\text{O}_9$ up to 50 GPa and crystal structure of the high-pressure phase. <i>Acta Crystallographica Section B: Structural Science</i> , 2010, 66, 323-337.	1.8	27
80	Electron density studies on hydrogen bonding in two chromone derivatives. <i>Acta Crystallographica Section B: Structural Science</i> , 2010, 66, 687-695.	1.8	21
81	High-pressure behaviours of HoMn_2O_5 and BiMn_2O_5 . <i>Journal of Physics Condensed Matter</i> , 2010, 22, 275401.	0.7	8
82	Structural compression and vibrational properties of $\text{Bi}_{12}\text{Si}_{20}$ sillenite from experiment and theory. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 505401.	0.7	33
83	Temperature- and pressure-dependent lattice behaviour of $\text{RbFe}(\text{MoO}_4)_2$. <i>Journal of Physics Condensed Matter</i> , 2010, 22, 055406.	0.7	17
84	Charge Transfer via the Dative N \rightarrow B Bond and Dihydrogen Contacts. Experimental and Theoretical Electron Density Studies of Small Lewis Acid-Base Adducts. <i>Journal of Physical Chemistry A</i> , 2010, 114, 10185-10196.	1.1	70
85	In situ observation of the reaction of tantalum with nitrogen in a laser heated diamond anvil cell. <i>Journal of Alloys and Compounds</i> , 2010, 502, 5-12.	2.8	48
86	Novel Rhenium Nitrides. <i>Physical Review Letters</i> , 2010, 105, 085504.	2.9	148
87	Phase transition, crystal structure, and magnetic order in VOCl . <i>Physical Review B</i> , 2009, 80, .	1.1	21
88	Single-crystal structure of HoBaCo_4Mn at ambient conditions, at low temperature, and at high pressure. <i>Physical Review B</i> , 2009, 79, .	1.4	14
89	Disordered pyrochlore CsMgInF_6 at high pressures. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1792-1797.	1.4	11
90	Time-Resolved X-ray Diffraction of the Photochromic $\hat{\text{I}}\text{-Styrylpyrylium}$ Trifluoromethanesulfonate Crystal Films Reveals Ultrafast Structural Switching. <i>Journal of the American Chemical Society</i> , 2009, 131, 15018-15025.	6.6	45

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91	Temperature dependence of rotational disorder in a non-standard amino acid from X-ray crystallography and molecular dynamics simulation. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 2601.	1.3	17
92	Na ₂ TiGeO ₅ : Crystal structure stability at low temperature and high pressure. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 815-821.	1.9	4
93	Isosymmetrical phase transition in $\hat{1}\pm$ -YbV ₄ O ₈ . <i>Acta Crystallographica Section B: Structural Science</i> , 2008, 64, 652-660.	1.8	1
94	Helium cryostat synchrotron charge densities determined using a large CCD detector "the upgraded beamline D3 at DESY. <i>Journal of Applied Crystallography</i> , 2008, 41, 846-853.	1.9	21
95	Twinned tetragonal structure and equation of state of NaTh ₂ F ₉ . <i>Journal of Solid State Chemistry</i> , 2008, 181, 971-975.	1.4	14
96	A comparative study on the experimentally derived electron densities of three protease inhibitor model compounds. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2295.	1.5	47
97	Experimental Bond Critical Point and Local Energy Density Properties Determined for Mn ⁺ O, Fe ⁺ O, and Co ⁺ O Bonded Interactions for Tephroite, Mn ₂ SiO ₄ , Fayalite, Fe ₂ SiO ₄ , and Co ₂ SiO ₄ Olivine and Selected Organic Metal Complexes: Comparison with Properties Calculated for Non-Transition and Transition Metal M ⁺ O Bonded Interactions for Silicates and Oxides. <i>Journal of Physical Chemistry A</i> , 2008, 112, 8817-8822.	1.1	35
98	Temperature dependent lattice instability in single crystals of ferromagnetic CdCr ₂ Se ₄ diluted with In and Sb. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 425209.	0.7	8
99	Single-crystal structure refinement of diaspore at 50 GPa. <i>American Mineralogist</i> , 2007, 92, 1640-1644.	0.9	30
100	Crystal structure and stability of $\hat{1}^2$ -Na ₂ ThF ₆ at non-ambient conditions. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 266219.	0.7	18
101	Electron Density Analyses of Opioids: A Comparative Study. <i>Journal of Physical Chemistry A</i> , 2007, 111, 5499-5508.	1.1	24
102	Synchrotron X-Ray Charge Density Study of Coordination Polymer [Mn(HCOO) ₂ (H ₂ O) ₂] _n . <i>Chemistry - A European Journal</i> , 2007, 13, 9775-9790.	1.7	38
103	Electron-Density Determination of Electrophilic Building Blocks as Model Compounds for Protease Inhibitors. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2759-2768.	1.2	28
104	Compressibilities of disordered fluoride pyrochlores NaCdZn ₂ F ₇ and NaCaMg ₂ F ₇ . <i>Journal of Solid State Chemistry</i> , 2007, 180, 1998-2003.	1.4	4
105	High-pressure properties of diaspore, AlO(OH). <i>Physics and Chemistry of Minerals</i> , 2007, 34, 145-157.	0.3	45
106	Reproducibility and transferability of topological data: experimental charge density study of two modifications of L-alanyl-L-tyrosyl-L-alanine. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3242-3251.	1.5	46
107	Two modifications of L-alanyl-L-tyrosyl-L-alanine with different solvent molecules in the crystal lattice. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, o454-o457.	0.4	4
108	X-ray diffraction by a crystal in a permanent external electric field: electric-field-induced structural response in $\hat{1}\pm$ -GaPO ₄ . <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2006, 62, 1-10.	0.3	18

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109	Crystal structure of the high-pressure phase of the oxonitridosilicate chloride $Ce_4[Si_4O_3N_7]Cl$. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 205-211.	1.8	1
110	An Eu-based metal-organic framework: poly[[tris(1/4-benzene-1,4-dicarboxylato)bis(1/2-N,N-diethylformamide)dieuropium(III)] 0.7-hydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, m3333-m3335.	0.2	3
111	Modulated structure of Rb_2ZnCl_4 in the soliton regime close to the lock-in phase transition. <i>Physical Review B</i> , 2006, 73, .	1.1	6
112	Low-temperature and high-pressure structural behaviour of $NaBi(MoO_4)_2$ an X-ray diffraction study. <i>Journal of Solid State Chemistry</i> , 2005, 178, 2218-2224.	1.4	44
113	Determination of the metal ordering in meteoritic $(Fe,Ni)_3P$ crystals. <i>Journal of Synchrotron Radiation</i> , 2005, 12, 234-240.	1.0	7
114	Synchrotron study of pyrochlore-related $NaCdZn_2F_7$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, i182-i184.	0.2	4
115	Disordered quasicrystals: diffuse scattering in decagonal $Al-Ni-Fe$. <i>Journal of Applied Crystallography</i> , 2004, 37, 802-807.	1.9	8
116	Crystal structure of iron nickel phosphide, $Fe_{1.65}Ni_{1.35}P$, a Rhabdite extracted from Morasko meteorite. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2003, 218, 425-426.	0.1	0
117	Crystal structure of iron nickel phosphide, $Fe_{1.7}Ni_{1.3}P$, a Schreibersite extracted from Canyon Diablo meteorite. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2003, 218, 423-424.	0.1	0
118	Crystal structure of iron nickel phosphide, $Fe_{1.65}Ni_{1.35}P$, a Rhabdite extracted from Morasko meteorite. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2003, 218, 393-394.	0.1	1
119	Topological Properties of the Peptide Bond in Glycyl-L-threonine Dihydrate Based on a Fast Synchrotron/CCD-Diffraction Experiment at 100 K. <i>Chemistry - A European Journal</i> , 2000, 6, 2582-2589.	1.7	23
120	X-ray structure determination of the monoclinic (121 K) and orthorhombic (85 K) phases of langbeinite-type dithallium dicadmium sulfate. <i>Acta Crystallographica Section B: Structural Science</i> , 2000, 56, 921-935.	1.8	7
121	High resolution X-ray and neutron diffraction of super- and disorder in decagonal $Al-Co-Ni$. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2000, 294-296, 308-314.	2.6	3
122	The crystal structure of $NdGaO_3$ at 100 K and 293 K based on synchrotron data. <i>Journal of Alloys and Compounds</i> , 2000, 297, 46-52.	2.8	68
123	Determination of polarity in noncentrosymmetric layer/substrate systems. <i>Journal of Applied Crystallography</i> , 1999, 32, 854-858.	1.9	2
124	The crystal structure of $Tm_5Re_2O_{12}$. <i>Acta Crystallographica Section B: Structural Science</i> , 1999, 55, 849-852.	1.8	52
125	Fast Experiments for Charge-Density Determination: Topological Analysis and Electrostatic Potential of the Amino Acids L-Asn, dl-Glu, dl-Ser, and L-Thr. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1397-1400.	7.2	42
126	Accurate Experimental Electronic Properties of DL-Proline Monohydrate Obtained Within 1 Day. <i>Science</i> , 1998, 279, 356-358.	6.0	103

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127	Phase transformation of natural titanite: An infrared, Raman spectroscopic, optical birefringence and X-ray diffraction study. <i>Phase Transitions</i> , 1996, 59, 39-60.	0.6	32
128	A single-crystal X-ray diffractometer for white synchrotron radiation with solid state detectors: Energy dispersive Laue (EDL) instrument at HASYLAB, Hamburg/Germany. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 369, 306-311.	0.7	4
129	Anisotropy of anomalous scattering in X-ray diffraction. III. 'Forbidden' axial reflections in space groups up to orthorhombic symmetry. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1993, 49, 35-45.	0.3	9
130	Pt ₂ AuCuNiSn, a High Entropy Alloy with a Large Atomic Size Mismatch. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0