

JÃ¼rgen Nuss

List of Publications by Year in descending order

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118
papers

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124
all docs

124
docs citations

124
times ranked

3858
citing authors

#	ARTICLE	IF	CITATIONS
1	Coexisting Z-type charge and bond order in metallic NaRu ₂ O ₄ . Communications Materials, 2022, 3, .	2.9	0
2	Phase formation through synthetic control: polymorphism in the sodium-ion solid electrolyte Na ₄ P ₂ S ₆ . Journal of Materials Chemistry A, 2021, 9, 8692-8703.	5.2	6
3	Understanding disorder and linker deficiency in porphyrinic zirconium-based metal-organic frameworks by resolving the Zr ₈ O ₆ cluster conundrum in PCN-221. Nature Communications, 2021, 12, 3099.	5.8	41
4	On the Nature of Crystals Precipitating from Aqueous Silver Ethylenediamine Oxalate Complex Solutions. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1348-1353.	0.6	4
5	Na ₉ Bi ₅ Os ₃ O ₂₄ : A Diamagnetic Oxide Featuring a Pronouncedly Jahn-Teller Compressed Octahedral Coordination of Osmium(VI). Angewandte Chemie - International Edition, 2021, 60, 16500-16505.	7.2	6
6	Na ₉ Bi ₅ Os ₃ O ₂₄ : A Diamagnetic Oxide Featuring a Pronouncedly Jahn-Teller Compressed Octahedral Coordination of Osmium(VI). Angewandte Chemie, 2021, 133, 16636-16641.	1.6	0
7	Mixed Valence and Superconductivity in Perovskite Antimonates. Chemistry of Materials, 2021, 33, 6787-6793.	3.2	12
8	Nonmagnetic State and Spin-Orbit Excitations in J_K . Physical Review Letters, 2021, 127, 227201.	2.9	14
9	Topotactic transformation of single crystals: From perovskite to infinite-layer nickelates. Science Advances, 2021, 7, eabl8091.	4.7	32
10	Uncommon structural and bonding properties in Ag ₁₆ B ₄ O ₁₀ . Chemical Science, 2020, 11, 962-969.	3.7	15
11	Methylammonium dicyanamide: Synthesis, characterisation, and screening its potential as a precursor for C ₃ N ₄ and as an ionic liquid. Solid State Sciences, 2020, 107, 106347.	1.5	2
12	Two-dimensional magnetism in O_6 . Physical Review B, 2020, 102, .	1.1	8
13	Highly nonlinear magnetoelectric effect in buckled-honeycomb antiferromagnetic Co ₄ Ta ₂ O ₉ . Scientific Reports, 2020, 10, 12362.	1.6	10
14	Cyclic hexapeptoids with N-alkyl side chains: solid-state assembly and thermal behaviour. CrystEngComm, 2020, 22, 6371-6384.	1.3	6
15	Dependence of the Physical Properties on the Cation Ordering in the New Ternary Phosphide ZnCu ₂ P ₈ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1144-1150.	0.6	4
16	Ordering of hidden multipoles in spin-orbit entangled $5d^1$ Ta chlorides. Physical Review B, 2019, 100, .	1.1	41
17	The Family of $A_6M_2O_6$ Oxometalates: Synthesis and Crystal Structure Determination of Cs ₆ Mn ₂ O ₆ , Magnetic Exchange within Dimeric Polyoxoanions, and Classification of Crystal Structures. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 882-887.	0.6	0
18	Superconductivity at 4.8 K and Violation of Pauli Limit in La ₂ IRu ₂ Comprising Ru Honeycomb Layer. Inorganic Chemistry, 2019, 58, 12888-12894.	1.9	5

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19	Sustained Solar H ₂ Evolution from a Thiazolo[5,4-d]thiazole-Bridged Covalent Organic Framework and Nickel-Thiolate Cluster in Water. <i>Journal of the American Chemical Society</i> , 2019, 141, 11082-11092.	6.6	239
20	Spin waves and spin-state transitions in a ruthenate high-temperature antiferromagnet. <i>Nature Materials</i> , 2019, 18, 563-567.	13.3	31
21	Inverse-perovskites A ₃ BO (A = Sr, Ca, Eu/B = Pb, Sn): A platform for control of Dirac and Weyl Fermions. <i>APL Materials</i> , 2019, 7, 121114.	2.2	9
22	Charge Density Waves and Magnetism in Topological Semimetal Candidates GdSb _x Te _{2-2x} . <i>Advanced Quantum Technologies</i> , 2019, 2, 1900045.	1.8	27
23	Superconducting order parameter of the nodal-line semimetal NaAlSi. <i>APL Materials</i> , 2019, 7, 121103.	2.2	25
24	New Light on an Old Story: The Crystal Structure of Boron Tetrathiosphosphate Revisited. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 267-271.	0.6	11
25	Sr ₅ Os ₃ O ₁₃ : a mixed valence osmium ($\langle v \rangle, \langle vi \rangle$) layered perovskite variant exhibiting temperature dependent charge distribution. <i>Dalton Transactions</i> , 2018, 47, 5968-5976.	1.6	6
26	Synthesis and Characterization of Three New Lithium-Scandium Hexathiohypodiphosphates: Li ₄ Sc _x P ₂ S ₆ ($x = 0.358$), LiScP ₂ S ₆ , and LiScP ₂ S ₆ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1854-1862.	0.6	3
27	On the possibility of magnetic Weyl fermions in non-symmorphic compound PtFeSb. <i>European Physical Journal B</i> , 2018, 91, 1.	0.6	8
28	Magnetotransport in $Sr_{1-x}Mn_x$ antiperovskite. <i>Physical Review B</i> , 2018, 98, .	3.1	21
29	Old and New Insights into Structure and Properties of Eu ₂ [SiO ₄]. <i>Crystal Growth and Design</i> , 2018, 18, 6316-6325.	1.4	5
30	Synthesis, Crystal Structure, and Magnetic Properties of K ₆ Mn ₄ O ₇ Featuring a Novel Two-Dimensional Polyoxomanganate(II) Anion. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1715-1720.	0.6	2
31	Structural Stability Diagram of AlnP ₂ S ₆ Compounds (A = Na, K, Rb, Cs; Ln =) Tj ETQq1 1 0,784314,rgBT/O 1.9 33	1.9	33
32	Trivalent Iridium Oxides: Layered Triangular Lattice Iridate K _{0.75} Na _{0.25} IrO ₂ and Oxyhydroxide IrOOH. <i>Chemistry of Materials</i> , 2017, 29, 8338-8345.	3.2	35
33	Phosphide "Tetrahedrite Ag ₆ Ge ₁₀ P ₁₂ : Thermoelectric Performance of a Long-Forgotten Silver-Cluster Compound. <i>Chemistry of Materials</i> , 2017, 29, 6956-6965.	3.2	34
34	Novel Manganate Cs ₂₃ Mn ₁₆ O ₂₈ Containing Two Different Types of Quasi One-Dimensional Polyanions, $12[MnO_2]$ and Unique $12[Mn_3O_5]$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1351-1356.	0.6	3
35	The First Quinary Rare Earth Thiophosphates: Cs ₅ Ln ₃ X ₃ (P ₂ S ₆) ₂ (PS ₄) (Ln = La, Ce, X = Br, Cl) and the Quasi-Quaternary Cs ₁₀ Y ₄ Cl ₁₀ (P ₂ S ₆) ₃ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1818-1823.	0.6	14
36	Hg ₄ O ₃ [ReO ₄] ₂ , Featuring a 2D Polycationic Framework [Hg ₄ O ₃] ²⁺ with Tetrahedral Rhenate(VII) Anions Embedded. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 1359-1363.	0.6	1

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37	Magnetic Properties of Restacked 2D Spin 1/2 honeycomb RuCl ₃ Nanosheets. Nano Letters, 2016, 16, 3578-3584.	4.5	89
38	Conduction mechanism of nitronyl-nitroxide molecular magnetic compounds. Physical Review B, 2016, 93, .	1.1	5
39	K ₅ Mn ₃ O ₆ and Rb ₈ Mn ₅ O ₁₀ , New Charge Ordered Quasi-One-Dimensional Oxomanganates (II, III). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 316-321.	0.6	9
40	Hyperhoneycomb Iridate $\text{Li}_2\text{Ir}_2\text{O}_7$ a Platform for Kitaev Magnetism. Physical Review Letters, 2015, 114, 077202.	2.9	287
41	Tilting structures in inverse perovskites, M_3TtO ($\text{M} = \text{Ca, Sr, Ba}$), TjETQq1 and Materials, 2015, 71, 300-312.	0.5	64
42	New Ternary La ₂ Sb ₄ Type Compounds, ScRE_2Sb ($\text{RE} = \text{La, Ce, Pr, Nd, Sm, Tb}$), and the Oxygen Stuffed Variant $\text{Sc}_4\text{Yb}_4\text{Sb}_4\text{O}$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 713-718.	0.6	3
43	Structural Implications of Spin, Charge, and Orbital Ordering in Rubidium Sesquioxide, Rb_4O_6 . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1239-1246.	0.6	12
44	Synthesis and Structural Characterization of the Alkali Thiophosphates $\text{Na}_2\text{P}_2\text{S}_6$, $\text{Na}_4\text{P}_2\text{S}_6$, $\text{K}_4\text{P}_2\text{S}_6$, and $\text{Rb}_4\text{P}_2\text{S}_6$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 689-692.	0.6	34
45	A facile wet chemistry approach towards unilamellar tin sulfide nanosheets from $\text{Li}_4\text{Sn}_2\text{S}_2$ solid solutions. Journal of Materials Chemistry A, 2014, 2, 6100-6106.	5.2	38
46	Optical gap in herringbone and π -stacked crystals of [1]benzothieno[3,2-b]benzothiophene and its brominated derivative. CrystEngComm, 2014, 16, 7389-7392.	1.3	37
47	Ag_2TlO_2 (0.03 at. %), Novel Adaptations of the Delafossite Structure Type Featuring Subvalent Silver. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1063-1068.	0.6	2
48	In Search of Aluminum Hexathiohypodiphosphate: Synthesis and Structures of $\text{Al}_4\text{P}_2\text{S}_6$, $\text{Al}_4\text{P}_2\text{S}_6$, and $\text{Al}_4(\text{P}_2\text{S}_6)_3$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2663-2668.	0.6	18
49	Spin-orbit coupling induced semi-metallic state in the 1/3 hole-doped hyper-kagome $\text{Na}_3\text{Ir}_3\text{O}_8$. Scientific Reports, 2014, 4, 6818.	1.6	32
50	Modulated crystal structure of Pr_2SbO_2 . Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2013, 69, 547-555.	0.5	12
51	Synthesis and Crystal Structures of the Alkali Aluminium Thiohypodiphosphates $\text{M}_2\text{AlP}_2\text{S}_6$ ($\text{M} = \text{Li, Na}$). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1087-1089.	0.6	18
52	Electronic Origin of the Structural Anomalies of Zinc and Cadmium. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2036-2046.	0.6	8
53	Novel Polyanionic Topologies in Ag_2VAsO_6 and $\text{Ag}_6\text{V}_2\text{As}_2\text{O}_{13}$. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 611-615.	0.3	1
54	$\text{K}_4\text{Ni}_3\text{O}_6$ and $\text{KNa}_2\text{Ni}_2\text{O}_4$, New Quasi-One-Dimensional Oxonickelates (II, III). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2755-2760.	0.6	1

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55	A New Polymorph of Potassium Chromate(III), $\hat{I}^2\hat{a}\epsilon\text{KCrO}_{2/2}$, and Reinvestigation of $\hat{I}\pm\hat{a}\epsilon\text{KCrO}_{2/2}$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 241-245.	0.6	12
56	Synthesis and Crystal Structure of the Partially Oxidized Cyanoplatinates $\text{Rb}_{1.75/1.75}[\text{Pt}(\text{CN})_4/4]\hat{A}\cdot 1.25\text{H}_{2/2}\text{O}$ and $\text{Cs}_{1.75/1.75}[\text{Pt}(\text{CN})_4/4]\hat{A}\cdot 0.5\text{H}_{2/2}\text{O}$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 479-484.	0.6	3
57	Effect of pressure on superconductivity in NaAlSi. Physical Review B, 2012, 86, .	1.1	16
58	Magnetic properties of PdAs ₂ O ₆ : A dilute spin system with an unusually high NÄel temperature. Physical Review B, 2012, 85, .	1.1	23
59	CsCoO ₂ Featuring a Novel Polyoxocobaltate(III) Anion Based on a Two-Dimensional Architecture of Interconnected Tetrahedra. Inorganic Chemistry, 2012, 51, 12336-12342.	1.9	4
60	Synthesis, Crystal Structure and Magnetic Properties of Rb ₂ Mn ₃ O ₄ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, n/a-n/a.	0.6	3
61	Synthesis, Crystal Structure and Magnetic Properties of the New One-Dimensional Manganate Cs ₃ Mn ₂ O ₄ . Journal of the American Chemical Society, 2012, 134, 11734-11739.	6.6	9
62	On the Rare Earth Metal Bismuthide Oxides $\langle i \rangle \text{RE} \langle /i \rangle \langle sub \rangle 2 \langle /sub \rangle \text{BiO} \langle sub \rangle 2 \langle /sub \rangle$ ($\langle i \rangle \text{RE} \langle /i \rangle = \text{Nd, Tb}$), Tj ETQq0,0 0 rgBTj/Overlock	0.6	16
63	Theoretical and Experimental Exploration of the Energy Landscape of the QuasiäBinary Cesium Chloride/Lithium Chloride System. Chemistry - A European Journal, 2012, 18, 3559-3565.	1.7	10
64	Silver(i) pyrophosphonates: structural, photoluminescent and thermal expansion studies. Dalton Transactions, 2011, 40, 6392.	1.6	13
65	Structural ordering principles in quasi one-dimensional Wigner crystals of the series $\text{Na}_{1+\langle i \rangle x \langle /i \rangle} \text{CuO}_{2/2}$ ($0 \hat{a}\% \langle i \rangle x \langle /i \rangle \hat{a}\% 1$). Zeitschrift FÄ¼r Kristallographie, 2011, 226, 1 627-632.	1.1	7
66	$\text{Cs}_{10/10} \text{Ti}_{6/6} \text{SiO}_{4/4}$, $\text{Cs}_{10/10} \text{Ti}_{6/6} \text{GeO}_{4/4}$, and $\text{Cs}_{10/10} \text{Ti}_{6/6} \text{SnO}_{3/3}$ ä First Oxotetrelate Thallides, Double Salts Containing äHypoelectronicä $[\text{Ti}_{6/6}]^{\langle sup \rangle 6\hat{a}\epsilon}$ Clusters. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1163-1168.	0.6	10
67	Regular [Ti ₆] ⁶⁻ Cluster in Cs ₄ Ti ₂ O Exhibiting Closed-Shell Configuration and Energetic Stabilization due to Relativistic Spin-Orbit Coupling. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 357-361.	0.6	9
68	First Isolated äHypoelectronicä $[\text{In}_{6/6}]^{\langle sup \rangle 6\hat{a}\epsilon}$ Cluster in Insulating $\text{Cs}_{22/22} \text{In}_{6/6} \text{SiO}_{4/4}$. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 834-839.	0.6	8
69	Geometric Variations and Electron Localizations in Intermetallics: The Case of La ₂ Sb Type Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2011, 637, 1975-1981.	0.6	14
70	Synthesis and Structure Analysis of $(\text{K}[\text{DB18}\hat{a}\% \text{C6}])_{4/4} (\text{C}_{60/60})_{5/5} \hat{a}\dots 12\hat{a}\% \text{THF}$ Containing $\text{C}_{60/60}$ in Three Different Bonding States. Chemistry - A European Journal, 2011, 17, 1798-1805.	1.7	28
71	Crystal structures of tetrastrontium dibismuthide oxide, Sr ₄ Bi ₂ O, and tetrabarium dibismuthide oxide, Ba ₄ Bi ₂ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2011, 226, .	0.1	3
72	Spin exchange dominated by charge fluctuations of the Wigner lattice in the chain cuprate Na ₅ Cu ₃ O ₆ . Physical Review B, 2011, 84, .	1.1	14

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73	Crystal structure of barium dichloridetetra-cyanoplatinate(IV) hydrate, Ba[Pt(CN) ₄]Cl ₂ · 4.5H ₂ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 625-626.	0.1	1
74	The AFeO ₂ (A=K, Rb and Cs) family: A comparative study of structures and structural phase transitions. Journal of Solid State Chemistry, 2010, 183, 752-759.	1.4	40
75	SrAu _{0.5} Pt _{0.5} and CaAu _{0.5} Pt _{0.5} , analogues to the respective Ba compound, but featuring purely intermetallic behaviour. Solid State Sciences, 2010, 12, 1615-1619.	1.5	4
76	Assembly and Disassembly of a Metastable Bisphosphine-Based Copper(I) Helicate. Chemistry - A European Journal, 2010, 16, 12091-12095.	1.7	11
77	Structures of incommensurate and commensurate composite crystals Rb _x MnO ₂ (x = 1.3711, 1.3636). Acta Crystallographica Section B: Structural Science, 2010, 66, 27-33.	1.8	18
78	The Chain Manganates K ₂₉ Mn ₁₇ O ₃₄ , Rb ₁₁ Mn ₈ O ₁₆ , and Cs ₄ Mn ₃ O ₆ : a New Family of Mixed-valent One-dimensional Transition Metallates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 23-29.	0.6	14
79	The Structural Anomaly of Zinc: Evolution of Lattice Constants and Parameters of Thermal Motion in the Temperature Range of 40 to 500 K. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 309-313.	0.6	48
80	Synthesis, Structure, and Properties of Scandium Dysprosium Antimonide ScDySb. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 913-918.	0.6	2
81	Crystal Structure and Raman Spectroscopic Study of K ₅ [CuO ₂][CO ₃]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 637, n/a-n/a.	0.6	1
82	Homoatomic Stella Quadrangula [Tl ₈] ⁶⁺ in Cs ₁₈ Tl ₈ O ₆ , Interplay of Spin-Orbit Coupling, and Jahn-Teller Distortion. Journal of the American Chemical Society, 2010, 132, 12458-12463.	6.6	26
83	Synthesis and Crystal Structure of a New C ₆₀ -Fulleride: [K(DB ₂₄ C ₈)(DME)] ₂ C ₆₀ ·DME. European Journal of Inorganic Chemistry, 2009, 2009, 3900-3903.	1.0	12
84	Investigation of the Quasi Binary System BaAu-BaPt. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 70-75.	0.6	10
85	LiB ₆ O ₉ F, the First Lithium Fluorooxoborate - Crystal Structure and Ionic Conductivity. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 631-636.	0.6	129
86	BaAuP and BaAuAs, Synthesis via Disproportionation of Gold upon Interaction with Pnictides as Bases. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1514-1516.	0.6	8
87	Demonstration of the "Break-and-Seal" Approach to Fullerenes of Complex Cations at the Example of KC ₆₀ (THF) ₅ ·2THF. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1355-1361.	0.6	40
88	Syntheses, structures and properties of the pnictide oxides R ₂ PnO ₂ (R=Ce, Pr; Pn=Sb, Bi). Journal of Alloys and Compounds, 2009, 480, 57-59.	2.8	33
89	Crystal structure of rubidium oxomanganate, Rb ₁₅ Mn ₁₁ O ₂₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 377-378.	0.1	6
90	Crystal structure of terbium antimonide oxide, Tb ₉ Sb ₅ O ₅ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.1	1

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91	Crystal structure of tetracyanoplatinate(IV) dihydrate, Pt(CN) ₄ · 2H ₂ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.1	0
92	Crystal structure of bis(trichlorodiethylamidotantalum(V) isopropylate), [TaCl ₃ (C ₄ H ₁₀ N)(C ₃ H ₇ O)] ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 243-244.	0.1	0
93	Crystal structure of bis(trichloro-bis(diethylamido)tantalum(V)), [TaCl ₃ (C ₄ H ₁₀ N) ₂] ₂ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 499-500.	0.1	0
94	Dimensions of the Ozonide Anion in M([18]crownâ€6)O ₃ · NH ₃ with M = K (<i>x</i> = 2), Rb (<i>x</i> = 1) and Cs (<i>x</i> = 8). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 1291-1295.	0.6	4
95	Gewellt und eben - La ₆ (C ₂)-Oktaederschichten in Lanthancarbidchloriden. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2765-2776.	0.6	7
96	Structural stability of Fe ₅ Si ₃ and Ni ₂ S studied by high-pressure x-ray diffraction and ab initio total-energy calculations. Physical Review B, 2008, 77, .	1.1	51
97	Towards continuous processes for the synthesis of precursors of amorphous Si/B/N/C ceramics. Journal of Materials Chemistry, 2008, 18, 1810.	6.7	28
98	Phase diagram studies on iron and nickel silicides: high-pressure experiments and ab initio calculations. Journal of Physics: Conference Series, 2008, 121, 022013.	0.3	2
99	Dichloridobis(methylamine-â€15N)boron(III) chloride. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o583-o583.	0.2	0
100	Structure of RbFeO ₂ , refined from a reticular pseudomerohedrally twinned crystal with six domains. Acta Crystallographica Section B: Structural Science, 2007, 63, 719-725.	1.8	20
101	Reticular merohedral twinning within the La ₉ Sb ₅ O ₅ structure family: structure of Pr ₉ Sb ₅ O ₅ , Sm ₉ Sb ₅ O ₅ and Dy ₉ Sb ₅ O ₅ . Acta Crystallographica Section B: Structural Science, 2007, 63, 843-849.	1.8	17
102	N,N-Dimethylguanidinium chloride. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o2767-o2769.	0.2	1
103	2,4,6-Trichloro-1,3,5-trimethylborazine. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o4235-o4235.	0.2	3
104	Ordered inclusion of endohedral fullerenes N@C ₆₀ and P@C ₆₀ in a crystalline matrix. Chemical Physics Letters, 2006, 424, 327-332.	1.2	32
105	Studies on the electronic structure of Ag ₂ NiO ₂ , an intercalated delafossite containing subvalent silver. Solid State Sciences, 2006, 8, 753-763.	1.5	21
106	A new low temperature modification of TaTe ₂ – Comparison to the room temperature and the hypothetical 1T-TaTe ₂ modification. Materials Research Bulletin, 2006, 41, 987-1000.	2.7	40
107	Geometric variations and electron localizations in intermetallics: PbFCl type compounds. Zeitschrift Fur Kristallographie - Crystalline Materials, 2006, 221, .	0.4	27
108	Crystal structure of (diethyl ether)-tetrachloro-dimethylamido-tantalum(V), TaCl ₄ (C ₂ H ₆ N)(C ₄ H ₁₀ O). Zeitschrift Fur Kristallographie - New Crystal Structures, 2006, 221, 209-210.	0.1	0

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109	How chemistry controls electron localization in 3d1perovskites: a Wannier-function study. <i>New Journal of Physics</i> , 2005, 7, 188-188.	1.2	202
110	Iron silicides and their corresponding oxides: a high-pressure study of Fe ₅ Si ₃ . <i>Solid State Sciences</i> , 2004, 6, 673-678.	1.5	19
111	Über Kaliumtetracyanoplatinat(II), Kaliumtetracyanopalladat(II) und deren Monohydrate. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 2004, 630, 1462-1468.	0.6	17
112	Über die Antimonidoxide La ₉ Sb ₅ O ₅ und Ce ₉ Sb ₅ O ₅ sowie die binären Phasen La ₂ Sb und Ce ₂ Sb. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 2004, 630, 2287-2291.	0.6	19
113	Covalently Bonded [Pt]-Chains in BaPt: Extension of the Zintl-Klemm Concept to Anionic Transition Metals?. <i>Journal of the American Chemical Society</i> , 2004, 126, 14123-14128.	6.6	55
114	Synthesis, crystal structure and properties of calcium and barium hydroxyapatites containing copper ions in hexagonal channels. <i>Solid State Sciences</i> , 2003, 5, 1277-1283.	1.5	55
115	Cs ₂ Pt: A Platinide(-II) Exhibiting Complete Charge Separation. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 4818-4821.	7.2	94
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