

# Henning A HÃ¸ppe

## List of Publications by Year in descending order

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108  
papers

4,389  
citations

185998

28  
h-index

110170

64  
g-index

113  
all docs

113  
docs citations

113  
times ranked

3315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polymorphism and optical, magnetic and thermal properties of the either phyllo- or inosilicate-analogous borosulfate $\text{Cu}[\text{B}_2(\text{SO}_4)_4]$ . Dalton Transactions, 2022, 51, 3104-3115.	1.6	5
2	New Insights into Alkali Metal Tungstates: The High Temperature Polymorphism of $\text{Na}_2\text{WO}_4$ , the New Polymorph $\text{Li}_2\text{WO}_4$ and the Redetermined Crystal Structure of $\text{Li}_2\text{W}_2\text{O}_7$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	1
3	The Role of the $\text{Bi}^{3+}$ Lone Pair Effect in $\text{Bi}(\text{H}_3\text{O})(\text{SO}_4)_2$ , $\text{Bi}(\text{HSO}_4)_3$ , and $\text{Bi}_2(\text{SO}_4)_3$ . Inorganic Chemistry, 2022, 61, 4102-4113.	1.9	3
4	Beyond the Energy Gap Law: The Influence of Selection Rules and Host Compound Effects on Nonradiative Transition Rates in Boltzmann Thermometers. Advanced Optical Materials, 2022, 10, .	3.6	11
5	Microwave-Assisted Hydrothermal Synthesis, Crystal Structure, and Thermal Decomposition of Strontium Citrate Monohydrate $\text{Sr}_3(\text{C}_6\text{H}_5\text{O}_7)_2 \cdot \text{H}_2\text{O}$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 204-209.	0.6	0
6	The First Bismuth Borosulfates Comprising Oxonium and a Tectosilicate-Analogous Anion. Angewandte Chemie - International Edition, 2021, 60, 1503-1506.	7.2	20
7	Die ersten zwei Bismutborosulfate – eines davon enthält Oxonium und ein tectosilicatanaloges Anion. Angewandte Chemie, 2021, 133, 1525-1529.	1.6	8
8	$\text{Ag}[\text{B}(\text{S}_2\text{O}_7)_2]$ : The First Transition Metal Borosulfate Featuring Disulfate Groups. European Journal of Inorganic Chemistry, 2021, 2021, 1065-1070.	1.0	4
9	Starke Lewis- und Brønsted-saure Zentren im Borosulfat $\text{Mg}_3[\text{H}_2\text{O}^+\text{B}(\text{SO}_4)_3]_2$ . Angewandte Chemie, 2021, 133, 10738-10741.	1.6	6
10	Strong Lewis and Brønsted Acidic Sites in the Borosulfate $\text{Mg}_3[\text{H}_2\text{O}^+\text{B}(\text{SO}_4)_3]_2$ . Angewandte Chemie - International Edition, 2021, 60, 10643-10646.	7.2	12
11	The tin sulfates $\text{Sn}(\text{SO}_4)_2$ and $\text{Sn}_2(\text{SO}_4)_3$ : crystal structures, optical and thermal properties. Dalton Transactions, 2021, 50, 12913-12922.	1.6	4
12	Synthesis, crystal structures and spectroscopic properties of pure $\text{YSb}_2\text{O}_4$ and $\text{YSb}_2\text{O}_4\text{Cl}$ as well as $\text{Eu}^{3+}$ - and $\text{Tb}^{3+}$ -doped samples. RSC Advances, 2021, 12, 640-647.	1.7	3
13	The UV-phosphor strontium fluorooxoborate $\text{Sr}[\text{B}_5\text{O}_7\text{F}_3]:\text{Eu}$ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 143-148.	0.3	9
14	From $\text{S}=\text{O}$ to $\text{B}=\text{O}$ to $\text{B}=\text{O}$ Bridges: $\text{Ba}[\text{B}(\text{S}_2\text{O}_7)_2]_2$ as a Model System for the Structural Diversity in Borosulfate Chemistry. Inorganic Chemistry, 2020, 59, 15180-15188.	1.9	14
15	$\text{Sr}[\text{B}_2(\text{SO}_4)_3(\text{S}_2\text{O}_7)]$ : A Borosulfate with an Unprecedented Chain Structure Comprising Disulfate Groups. Inorganic Chemistry, 2020, 59, 18102-18108.	1.9	11
16	Two Light-Metal Dihydrogenisocyanurate Hydrates Linked by Diagonal Relationship: Syntheses, Crystal Structures, and Vibrational Spectra of $\text{Li}[\text{H}_2\text{N}_3\text{C}_3\text{O}_3] \cdot 1.75 \text{H}_2\text{O}$ and $\text{Mg}[\text{H}_2\text{N}_3\text{C}_3\text{O}_3]_2 \cdot 8 \text{H}_2\text{O}$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1252-1259.	0.6	3
17	Synthesis-Controlled Polymorphism and Optical Properties of Phyllosilicate-Analogous Borosulfates $\text{M}[\text{B}_2(\text{SO}_4)_4]$ ( $\text{M}=\text{Mg}, \text{Co}$ ). Chemistry - A European Journal, 2020, 26, 14745-14753.	1.7	20
18	Frontispiece: Borosulfates – Synthesis and Structural Chemistry of Silicate Analogue Compounds. Chemistry - A European Journal, 2020, 26, .	1.7	0

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19	Sr <sub>6</sub> (BO <sub>3</sub> ) <sub>3</sub> BN <sub>2</sub> : An Oxido-Nitrido-Borate Phosphor Featuring BN <sub>2</sub> Dumbbells. <i>Chemistry of Materials</i> , 2020, 32, 8587-8594.	3.2	7
20	On the phosphors Na <sub>5</sub> M(WO <sub>4</sub> ) <sub>4</sub> (M = Y, La-Nd, Sm-Lu, Bi) crystal structures, thermal decomposition, and optical and magnetic properties. <i>Dalton Transactions</i> , 2020, 49, 8209-8225.	1.6	16
21	Biuret: A Crucial Reaction Intermediate for Understanding Urea Pyrolysis To Form Carbon Nitrides: Crystal Structure Elucidation and In Situ Diffractometric, Vibrational and Thermal Characterisation. <i>Chemistry - A European Journal</i> , 2020, 26, 14366-14376.	1.7	10
22	Borosulfates: Synthesis and Structural Chemistry of Silicate Analogue Compounds. <i>Chemistry - A European Journal</i> , 2020, 26, 7966-7980.	1.7	33
23	Synthesis and Characterization of the Chain Borosulfates (NH <sub>4</sub> ) <sub>3</sub> [B(SO <sub>4</sub> ) <sub>3</sub> ] and Sr[B <sub>2</sub> (SO <sub>4</sub> ) <sub>4</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1563-1569.	0.6	10
24	On tungstates of divalent cations (III) - Pb <sub>5</sub> O <sub>2</sub> [WO <sub>6</sub> ]. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020, 235, 311-317.	0.4	2
25	Exploring Main Group Metal Borosulfates: Similarities and Differences of Two New Borosulfates M <sub>2</sub> [B <sub>2</sub> O(SO <sub>4</sub> ) <sub>3</sub> ] (M = Sr, Pb). <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3975-3981.	1.0	15
26	Unravelling the Urea-Route to Boron Nitride: Synthesis and Characterization of the Crucial Reaction Intermediate Ammonium Bis(biureto)borate. <i>Chemistry of Materials</i> , 2019, 31, 8052-8061.	3.2	16
27	The Sodium (Iso)Cyanurates Na <sub>x</sub> [H <sub>3-x</sub> C <sub>3</sub> N <sub>3</sub> O <sub>3</sub> ] <sub>y</sub> ·nH <sub>2</sub> O (x = 1-3, y = 0, 1): A Key Series for Understanding the Crystal Chemistry of Metal (Iso)Cyanurates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019, 645, 257-266.	0.6	25
28	The very first normal-pressure tin borate Sn <sub>3</sub> B <sub>4</sub> O <sub>9</sub> , and the intermediate Sn <sub>2</sub> [B <sub>7</sub> O <sub>12</sub> ]F. <i>Dalton Transactions</i> , 2019, 48, 10398-10402.	1.6	11
29	Blue Excitement: The Lanthanide(III) Chloride Oxidomolybdates(VI) Ln <sub>3</sub> Cl <sub>3</sub> [MoO <sub>6</sub> ] (Ln = La, Pr, and Nd) and Their Spectroscopic Properties. <i>Inorganic Chemistry</i> , 2019, 58, 8308-8315.	1.9	7
30	Ln <sub>2</sub> [B <sub>2</sub> (SO <sub>4</sub> ) <sub>6</sub> ] (Ln = Y, La-Nd, Sm, Eu). <i>Tj ETQq0 0 0 rgBT /Overlo</i> <i>Dalton Transactions</i> , 2019, 48, 4387-4397.	1.6	27
31	Tb(HSO <sub>4</sub> )(SO <sub>4</sub> ) - a green emitting hydrogensulfate sulfate with second harmonic generation response. <i>Dalton Transactions</i> , 2019, 48, 16377-16383.	1.6	15
32	CFA-15 - a perfluorinated metal-organic framework with linear 1-D Cu <sup>II</sup> -chains containing accessible unsaturated, reactive metal centres. <i>Dalton Transactions</i> , 2019, 48, 15236-15246.	1.6	10
33	Crystalline orthorhombic Ln <sub>3</sub> [CO <sub>3</sub> ][OH] (Ln = La, Pr, Nd, Sm, Eu, Gd) compounds hydrothermally synthesised with CO <sub>2</sub> from air as carbonate source. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019, 74, 59-70.	0.3	13
34	Synthesis and optical properties of the Eu <sup>2+</sup> -doped alkaline-earth metal hydride chlorides AE <sub>7</sub> H <sub>12</sub> Cl <sub>2</sub> (AE = Ca and Sr). <i>Journal of Luminescence</i> , 2019, 209, 150-155.	1.5	7
35	Ferromagnetism versus slow paramagnetic relaxation in Fe-doped $\text{Li}_3\text{Mg}_2\text{N}_2$ . <i>Physical Review B</i> , 2018, 97, .		
36	High-pressure investigations of yttrium(III) oxoarsenate(V): Crystal structure and luminescence properties of Eu <sup>3+</sup> -doped scheelite-type Y[AsO <sub>4</sub> ] from xenotime-type precursors. <i>Journal of Solid State Chemistry</i> , 2018, 263, 65-71.	1.4	7

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37	Sr <sub>5</sub> O <sub>3</sub> O <sub>13</sub> : a mixed valence osmium( <sup>v</sup> , <sup>vi</sup> ) layered perovskite variant exhibiting temperature dependent charge distribution. Dalton Transactions, 2018, 47, 5968-5976.	1.6	6
38	The First Alkaline-Earth Fluorooxoborate Ba <sub>4</sub> O <sub>6</sub> F <sub>2</sub> Characterisation and Doping with Eu <sup>2+</sup> . Chemistry - A European Journal, 2018, 24, 443-450.	1.7	83
39	Green Light: On YCl <sub>4</sub> as Host Material for Luminescence Active Tb <sup>3+</sup> Cations. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1749-1753.	0.6	2
40	Comment on ZAAC Article z201800267 (On the Demystification of $\text{HPb}_3$ and the) Tj ETQqO 0 0 rgBT /Overlock 10 Und Allgemeine Chemie, 2018, 644, 1401-1402.	0.6	2
41	Synthesis and Characterization of the First Tin Fluoride Borate Sn <sub>3</sub> [B <sub>3</sub> O <sub>7</sub> ]F with Second Harmonic Generation Response. Chemistry - A European Journal, 2018, 24, 15941-15941.	1.7	0
42	Sn <sub>2</sub> O <sub>3</sub> F <sub>2</sub> The First Tin Fluorooxoborate as Possible NLO Material. Advanced Optical Materials, 2018, 6, 1800497.	3.6	89
43	Synthesis and Characterization of the First Borosulfates of Magnesium, Manganese, Cobalt, Nickel, and Zinc. Inorganic Chemistry, 2018, 57, 8530-8539.	1.9	30
44	Synthesis and Characterization of the First Tin Fluoride Borate Sn <sub>3</sub> [B <sub>3</sub> O <sub>7</sub> ]F with Second Harmonic Generation Response. Chemistry - A European Journal, 2018, 24, 16036-16043.	1.7	26
45	Synthesis, Crystal Structure of a New Structure Type, and Thermal Analysis of the Ammonium Borophosphate (NH <sub>4</sub> ) <sub>2</sub> [B <sub>2</sub> P <sub>3</sub> O <sub>11</sub> (OH)]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 766-771.	0.6	4
46	Prism Inside: Spectroscopic and Magnetic Properties of the Lanthanide(III) Chloride Oxidation States(VI) $\text{Ln}_3\text{Cl}_3[\text{WO}_6]$ ( $\text{Ln} = \text{La}, \text{Nd}, \text{Sm}$ ) Tj ETQqO 0 0 rgBT /Overlock	0.6	4
47	On Tungstates of Divalent Cations (I) Structural Investigation and Spectroscopic Properties of Sr <sub>2</sub> [WO <sub>5</sub> ] and Ba <sub>2</sub> [WO <sub>5</sub> ]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 2024-2030.	0.6	4
48	On Tungstates of Divalent Cations (II) Polymorphism of Pb <sub>2</sub> WO <sub>5</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 2031-2037.	0.6	5
49	An Expedition on Alkali and Alkaline-Earth Isocyanurate Hydrates: Structure Elucidation, Thermogravimetry, and Spectroscopy. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1692-1703.	0.6	26
50	Syntheses, Crystal Structures, NMR Spectroscopy, and Vibrational Spectroscopy of Sr(PO <sub>3</sub> F)·H <sub>2</sub> O and Sr(PO <sub>3</sub> F). European Journal of Inorganic Chemistry, 2016, 2016, 1121-1128.	1.0	15
51	The Borosulfates K <sub>4</sub> [BS <sub>4</sub> O <sub>15</sub> (OH)], Ba[B <sub>2</sub> S <sub>3</sub> O <sub>13</sub> ], and Gd <sub>2</sub> [B <sub>2</sub> S <sub>6</sub> O <sub>24</sub> ]. Angewandte Chemie - International Edition, 2016, 55, 4353-4355.	7.2	41
52	Die Borosulfate K <sub>4</sub> [BS <sub>4</sub> O <sub>15</sub> (OH)], Ba[B <sub>2</sub> S <sub>3</sub> O <sub>13</sub> ] und Gd <sub>2</sub> [B <sub>2</sub> S <sub>6</sub> O <sub>24</sub> ]. Angewandte Chemie, 2016, 128, 4426-4428.	1.6	18
53	Synthesis, crystal structure, vibrational and <sup>31</sup> P-NMR spectroscopy of the thiophosphate NaMg[PO <sub>3</sub> S]·9H <sub>2</sub> O. Solid State Sciences, 2016, 62, 50-55.	1.5	2
54	Gd <sub>4</sub> (BO <sub>2</sub> ) <sub>5</sub> F a gadolinium borate fluoride oxide comprising a linear BO <sub>2</sub> moiety. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 769-774.	0.3	19

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55	Chloride derivatives of lanthanoid(III) ortho-oxidotungstates(VI) with the formula $\text{LnCl}[\text{WO}_4]$ ( $\text{Ln}=\text{Gd}\text{--}\text{Lu}$ ): Syntheses, crystal structures and spectroscopic properties. <i>Journal of Solid State Chemistry</i> , 2015, 226, 299-306.	1.4	11
56	Synthesis, Crystal Structure, Optical, Magnetic and Thermal Properties of $(\text{NH}_4)_2\text{Mn}_2\text{P}_3\text{O}_{11}(\text{OH})_2\text{Cl}$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1009-1015.	0.6	9
57	Synthesis, crystal structure, optical and thermal properties of lanthanide hydrogen-polyphosphates $\text{Ln}[\text{H}(\text{PO}_3)_4]$ ( $\text{Ln} = \text{Tb, Dy, Ho}$ ). <i>Dalton Transactions</i> , 2015, 44, 19163-19174.	1.6	5
58	Further New Borosulfates: Synthesis, Crystal Structure, and Vibrational Spectra of $\text{A}[\text{B}(\text{SO}_4)_2]_2$ ( $\text{A} = \text{Na, K, NH}_4$ ) and the Crystal Structures of $\text{Li}_5[\text{B}(\text{SO}_4)_4]$ and $\text{NH}_4[\text{S}_2\text{O}_7]_2$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 2914-2921.	0.6	38
59	Synthesis, crystal structure and spectroscopic properties of a novel yttrium(III) fluoride dimolybdate(VI): $\text{YF}_2\text{Mo}_2\text{O}_7$ . <i>Dalton Transactions</i> , 2014, 43, 14016-14021.	1.6	9
60	Syntheses and Crystal Structures of the Cyclotriphosphate Hydrates $\text{Nd}(\text{P}_3\text{O}_9)\cdot 3\text{H}_2\text{O}$ , $\text{Nd}(\text{P}_3\text{O}_9)\cdot 4.5\text{H}_2\text{O}$ , $\text{RE}(\text{P}_3\text{O}_9)\cdot 5\text{H}_2\text{O}$ ( $\text{RE} = \text{Pr, Nd}$ ), and $\text{Na}_3\text{RE}(\text{P}_3\text{O}_9)_2\cdot 6\text{H}_2\text{O}$ ( $\text{RE} = \text{Tj, ET, Q, O, O, rg, BT, Over}$ )	0.6	3
61	The Oxonitridoborate $\text{Eu}_5(\text{BO}_{2.51(7)}\text{N}_{0.49(7)})_4$ and the Mixed-Valent Borates $\text{Sr}_3\text{Ln}_2(\text{BO}_3)_4$ ( $\text{Ln} = \text{Ho, Er}$ ). <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5443-5449.	1.0	17
62	A structural and vibrational study on the first condensed borosulfate $\text{K}_5[\text{B}(\text{SO}_4)_4]$ by using the FTIR-Raman spectra and DFT calculations. <i>Journal of Molecular Structure</i> , 2013, 1037, 294-300.	1.8	10
63	Exploring a New Structure Family: Alkali Borosulfates $\text{Na}_5[\text{B}(\text{SO}_4)_4]$ , $\text{A}_3[\text{B}(\text{SO}_4)_3]$ ( $\text{A} = \text{K, Rb}$ ), $\text{Li}_2[\text{B}(\text{SO}_4)_2]$ , and $\text{Li}_2[\text{S}_2\text{O}_7]_2$ . <i>Inorganic Chemistry</i> , 2013, 52, 6011-6020.	1.9	58
64	The Borosulfate Story Goes on: From Alkali and Oxonium Salts to Polyacids. <i>Chemistry - A European Journal</i> , 2013, 19, 16954-16962.	1.7	45
65	Synthesis, crystal structure and optical properties of the catena-metaphosphates $\text{Ce}(\text{PO}_3)_4$ and $\text{U}(\text{PO}_3)_4$ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2012, 227, 535-539.	0.4	7
66	Synthesis, crystal structure and optical properties of $\text{Na}_2\text{RE}(\text{PO}_4)(\text{WO}_4)$ ( $\text{RE} = \text{Y, Tb}\text{--}\text{Lu}$ ). <i>Dalton Transactions</i> , 2012, 41, 12121.	1.6	28
67	Homochiral lanthanoid(III) mesoxalate metal-organic frameworks: synthesis, crystal growth, chirality, magnetic and luminescent properties. <i>CrystEngComm</i> , 2012, 14, 2635.	1.3	76
68	The First Borosulfate $\text{K}_5[\text{B}(\text{SO}_4)_4]$ . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6255-6257.	7.2	75
69	Surprising luminescent properties of the polyphosphates $\text{Ln}(\text{PO}_3)_3$ ( $\text{Ln} = \text{Y, Gd, Lu}$ ). <i>Dalton Transactions</i> , 2011, 40, 9971.	1.6	21
70	Syntheses, crystal structures and optical spectroscopy of $\text{Ln}_2(\text{SO}_4)_3\cdot 8\text{H}_2\text{O}$ ( $\text{Ln}=\text{Ho, Tm}$ ) and $\text{Pr}_2(\text{SO}_4)_3\cdot 4\text{H}_2\text{O}$ . <i>Journal of Solid State Chemistry</i> , 2011, 184, 1221-1226.	1.4	7
71	Syntheses, crystal structures and vibrational spectra of $\text{KLn}(\text{SO}_4)_2\cdot \text{H}_2\text{O}$ ( $\text{Ln}=\text{La, Nd, Sm, Eu, Gd, Dy}$ ). <i>Journal of Solid State Chemistry</i> , 2010, 183, 2087-2094.	1.4	13
72	Synthesis, Crystal Structure and Optical Spectra of Europium Borate Fluoride $\text{Eu}_5(\text{BO}_3)_3\text{F}$ . <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2678-2681.	1.0	18

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73	Syntheses, Crystal Structures, Vibrational Spectra and $^{31}\text{P}$ MAS NMR Spectra of the Thiophosphates $\text{NaM}(\text{PO}_3\text{S})\cdot 9\text{H}_2\text{O}$ ( $\text{M} = \text{Ca}, \text{Ba}$ ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 409-413.	0.6	7
74	Synthesis, Crystal Structure and Vibrational Spectra of Barium Cyclotetraphosphate Hydrate $\text{Ba}_2(\text{P}_4\text{O}_{12})\cdot 3.5\text{H}_2\text{O}$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1106-1110.	0.6	7
75	Spontaneous resolution upon crystallization of chiral $\text{La}(\text{iii})$ and $\text{Gd}(\text{iii})$ MOFs from achiral dihydroxymalonate. <i>Chemical Communications</i> , 2010, 46, 8270.	2.2	113
76	Synthesis, crystal structure, infrared spectrum and thermal behaviour of $\hat{\pm}\text{-BaHPO}_4$ . <i>Solid State Sciences</i> , 2009, 11, 1484-1488.	1.5	18
77	Crystal Structure, Vibrational Spectra and Activation of $\text{BaCa}(\text{P}_4\text{O}_{12})$ with $\text{Eu}^{2+}$ Compared with $\hat{\pm}\text{-Sr}(\text{PO}_3)_2$ . <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3127-3130.	1.0	13
78	Recent Developments in the Field of Inorganic Phosphors. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3572-3582.	7.2	983
79	Compression behaviour of nitridocarbidosilicates studied with X-ray diffraction and ab initio calculations. <i>Journal of Physics and Chemistry of Solids</i> , 2009, 70, 97-106.	1.9	7
80	The phase transition of the incommensurate phases, crystal structures of and. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1786-1791.	1.4	39
81	Crystal Structure Solid-State Cross Polarization Magic Angle Spinning $^{13}\text{C}$ NMR Correlation in Luminescent $\text{d}^{10}$ Metal-Organic Frameworks Constructed with the 1,2-Bis(1,2,4-triazol-4-yl)ethane Ligand. <i>Inorganic Chemistry</i> , 2009, 48, 2166-2180.	1.9	253
82	Crystal structures and solid-state CPMAS $^{13}\text{C}$ NMR correlations in luminescent zinc(II) and cadmium(II) mixed-ligand coordination polymers constructed from 1,2-bis(1,2,4-triazol-4-yl)ethane and benzenedicarboxylate. <i>Dalton Transactions</i> , 2009, , 1742.	1.6	199
83	$\text{Eu}_5(\text{BO}_3)_4$ - ein teilgeordnetes gemischtvalentes Borat. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 2047-2047.	0.6	0
84	Systematic Investigation of Lanthanide Phosphonatoethanesulfonate Framework Structures by High-Throughput Methods, $\text{Ln}(\text{O}_3\text{P}^-\text{C}_2\text{H}_4\text{SO}_3)(\text{H}_2\text{O})$ ( $\text{Ln} = \text{La}\sim\text{Dy}$ ). <i>Inorganic Chemistry</i> , 2007, 46, 9968-9974.	1.9	50
85	Crystal Structures of Incommensurately Modulated $\text{Ln}(\text{PO}_3)_3$ ( $\text{Ln} = \text{Tb}\sim\text{Yb}$ ) and Commensurate $\text{Gd}(\text{PO}_3)_3$ and $\text{Lu}(\text{PO}_3)_3$ . <i>Inorganic Chemistry</i> , 2007, 46, 3467-3474.	1.9	36
86	Coactivation of $\hat{\pm}\text{-Sr}(\text{PO}_3)_2$ and $\text{SrM}(\text{P}_2\text{O}_7)$ ( $\text{M} = \text{Zn}, \text{Sr}$ ) with $\text{Eu}^{2+}$ and $\text{Mn}^{2+}$ . <i>Chemistry of Materials</i> , 2007, 19, 6358-6362.	3.2	70
87	Crystal Structure, Physical Properties and HRTEM Investigation of the New Oxonitridosilicate $\text{EuSi}_2\text{O}_2\text{N}_2$ . <i>Chemistry - A European Journal</i> , 2006, 12, 6984-6990.	1.7	68
88	Crystal structure and mechanical properties of $\text{SrSi}_7\text{N}_{10}$ . <i>Solid State Sciences</i> , 2005, 7, 391-396.	1.5	41
89	The synthesis, crystal structure and vibrational spectra of $\hat{\pm}\text{-Sr}(\text{PO}_3)_2$ containing an unusual catena-polyphosphate helix. <i>Solid State Sciences</i> , 2005, 7, 1209-1215.	1.5	26
90	$\text{SrSi}_6\text{N}_8$ -A Reduced Nitridosilicate with a $\text{Si}\text{-}\text{Si}$ Bond. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 567-570.	7.2	42

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91	SrSi <sub>6</sub> N <sub>8</sub> -A Reduced Nitridosilicate with a Si <sub>3</sub> Si Bond. <i>Angewandte Chemie</i> , 2005, 117, 573-576.	1.6	26
92	Synthesis, Crystal Structure, and Vibrational Spectra of Ca <sub>4</sub> P <sub>6</sub> O <sub>19</sub> (Trämelite) - acatena-Hexaphosphate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1272-1276.	0.6	25
93	Highly efficient all-nitride phosphor-converted white light emitting diode. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005, 202, 1727-1732.	0.8	564
94	Synthesis, Crystal Structure and Properties of Rubidium Dihydrogencyanomelaminat Semihydrate Rb[H <sub>2</sub> C <sub>6</sub> N <sub>9</sub> ] $\cdot$ 1/2 H <sub>2</sub> O. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 35-40.	0.6	13
95	Phase Transition of a Dicyanamide with Rutile-like Structure: Syntheses and Crystal Structures of $\beta$ - and $\gamma$ -Cd[N(CN) <sub>2</sub> ] <sub>2</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 219-223.	0.6	22
96	Magnetic Investigations and <sup>151</sup> Eu Mössbauer Spectroscopy of MYbSi <sub>4</sub> N <sub>7</sub> with M = Sr, Ba, Eu. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 224-228.	0.6	10
97	Ca[Si <sub>2</sub> O <sub>2</sub> N <sub>2</sub> ]-A Novel Layer Silicate. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5540-5542.	7.2	118
98	Nonlinear optical susceptibilities $\chi^{(2)}$ of nitridosilicate powders. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 1285-1290.	1.9	22
99	Single-walled carbon nanotubes filled with M OH (M = K, Cs) and then washed and refilled with clusters and molecules. <i>Chemical Communications</i> , 2004, , 1686-1687.	2.2	47
100	Title is missing!. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003, 629, 902-912.	0.6	15
101	Transformation of Ammonium Dicyanamide into Dicyandiamide in the Solid. <i>Inorganic Chemistry</i> , 2002, 41, 4849-4851.	1.9	41
102	Synthesis, Crystal Structure, Magnetism, and Optical Properties of Gd <sub>3</sub> [SiON <sub>3</sub> ] <sub>2</sub> ·An Oxonitridosilicate Oxide with Noncondensed SiON <sub>3</sub> Tetrahedra. <i>Journal of Solid State Chemistry</i> , 2002, 167, 393-401.	1.4	24
103	Synthesis, crystal structure, vibrational spectroscopy, and thermal behaviour of lead dicyanamide Pb[N(CN) <sub>2</sub> ] <sub>2</sub> . <i>Solid State Sciences</i> , 2002, 4, 821-825.	1.5	57
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105	Hyperfine interactions in the 13K ferromagnet Eu <sub>2</sub> Si <sub>5</sub> N <sub>8</sub> . <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 853-859.	1.9	20
106	High-temperature synthesis, crystal structure, optical properties, and magnetism of the carbidonitridosilicates Ho <sub>2</sub> [Si <sub>4</sub> N <sub>6</sub> C] and Tb <sub>2</sub> [Si <sub>4</sub> N <sub>6</sub> C]. <i>Journal of Materials Chemistry</i> , 2001, 11, 3300-3306.	6.7	41
107	Neue Vertreter des Er <sub>6</sub> [Si <sub>11</sub> N <sub>20</sub> ]O-Strukturtyps Hochtemperatur-Synthesen und Kristallstrukturen von Ln <sub>6+x/3</sub> [Si <sub>11-y</sub> Al <sub>y</sub> N <sub>20+x-y</sub> ]O <sub>1-x+y</sub> mit Ln = Sm, Nd, Er, Yb, Dy und Os = Sr, Ba, Eu, Cs. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001, 627, 1371-1376.	0.6	51
108	Homoallyl-Substituted Vinylcyclopropanes from $\alpha,\beta$ -Unsaturated Ketones and Allylindium Derivatives. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 1545-1547.	7.2	48