

# RÃ¼diger Kniep

## List of Publications by Year in descending order

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224  
papers

6,241  
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81900

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102487

66  
g-index

253  
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253  
docs citations

253  
times ranked

3979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Podosome-Driven Defect Development in Lamellar Bone under the Conditions of Senile Osteoporosis Observed at the Nanometer Scale. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2255-2267.	5.2	0
2	First evidence of octacalcium phosphate@osteocalcin nanocomplex as skeletal bone component directing collagen triple-helix nanofibril mineralization. <i>Scientific Reports</i> , 2018, 8, 13696.	3.3	49
3	Magnesium as an intrinsic component of human otoconia. <i>Acta Oto-Laryngologica</i> , 2018, 138, 775-778.	0.9	1
4	The sense of balance in humans: Structural features of otoconia and their response to linear acceleration. <i>PLoS ONE</i> , 2017, 12, e0175769.	2.5	18
5	An NMR Study of Biomimetic Fluorapatite @ Gelatine Mesocrystals. <i>Scientific Reports</i> , 2015, 5, 15797.	3.3	20
6	Synthesis and Characterization of Ba[CoSO]: Magnetic Complexity in the Presence of Chalcogen Ordering. <i>Chemistry - A European Journal</i> , 2015, 21, 10821-10828.	3.3	19
7	Crystallization of calcium oxalate hydrates by interaction of calcite marble with fungus <i>Aspergillus niger</i> . <i>American Mineralogist</i> , 2015, 100, 2559-2565.	1.9	39
8	Crystal structure and Mössbauer studies of the isotypic Fe <sub>6</sub> -cluster compounds RE <sub>15</sub> [Fe <sub>8</sub> C <sub>25</sub> ], RE=Dy, Ho. <i>Journal of Solid State Chemistry</i> , 2015, 225, 450-454.	2.9	2
9	Polar Nature of Biomimetic Fluorapatite/Gelatin Composites: A Comparison of Bipolar Objects and the Polar State of Natural Tissue. <i>Biomacromolecules</i> , 2015, 16, 2814-2819.	5.4	16
10	Octacalcium phosphate @ a metastable mineral phase controls the evolution of scaffold forming proteins. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5318-5329.	5.8	43
11	Otoconia: Mimicking a calcite-based functional material of the human body. From basic research to medical aspects. <i>Pure and Applied Chemistry</i> , 2015, 87, 719-736.	1.9	4
12	Principles of Calcite Dissolution in Human and Artificial Otoconia. <i>PLoS ONE</i> , 2014, 9, e102516.	2.5	25
13	Gentamicin-induced structural damage of human and artificial (biomimetic) otoconia. <i>Acta Oto-Laryngologica</i> , 2014, 134, 111-117.	0.9	14
14	Detection of human utricular otoconia degeneration in vital specimen and implications for benign paroxysmal positional vertigo. <i>European Archives of Oto-Rhino-Laryngology</i> , 2014, 271, 3133-3138.	1.6	51
15	Interconnection of Nanoparticles within 2D Superlattices of PbS/Oleic Acid Thin Films. <i>Advanced Materials</i> , 2014, 26, 3042-3049.	21.0	51
16	Structural complexity of hexagonal prismatic crystal specimens of fluorapatite@gelatin nanocomposites: A case study in biomimetic crystal research. <i>Crystal Research and Technology</i> , 2014, 49, 4-13.	1.3	16
17	Intergrowth and Interfacial Structure of Biomimetic Fluorapatite@Gelatin Nanocomposite: A Solid-State NMR Study. <i>Journal of Physical Chemistry B</i> , 2014, 118, 724-730.	2.6	18
18	The Inner Structure of Human Otoconia. <i>Otology and Neurotology</i> , 2014, 35, 686-694.	1.3	16

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19	On the Function of Saccharides during the Nucleation of Calcium Carbonateâ€“Protein Biocomposites. <i>Crystal Growth and Design</i> , 2013, 13, 4885-4889.	3.0	19
20	Irregular Shaped, Assumably Semiâ€“Crystalline Calciumphosphate Platelet Deposition at the Mineralization Front of Rabbit Femur Osteotomy: A <sc>HR</sc>â€“<sc>TEM</sc> Study. <i>Scanning</i> , 2013, 35, 169-182.	1.5	1
21	Synthesis and thermal decomposition of scandium hydrogenphosphite Sc <sub>2</sub> (HPO <sub>3</sub> ) <sub>3</sub> . <i>Thermochimica Acta</i> , 2012, 543, 267-272.	2.7	3
22	Crystal structure and magnetic properties of NaCuI[(CuI <sub>3</sub> O)(PO <sub>4</sub> ) <sub>2</sub> Cl]. <i>Journal of Solid State Chemistry</i> , 2012, 192, 47-53.	2.9	4
23	Pbâ€“Organic Mesocrystals: The Relationship between Nanocrystal Orientation and Superlattice Array. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10776-10781.	13.8	67
24	Resourceâ€“Efficient Alkane Selective Oxidation on New Crystalline Solids: Searching for Novel Catalyst Materials. <i>Chemie-Ingenieur-Technik</i> , 2012, 84, 1766-1779.	0.8	15
25	Mimicking the Growth of a Pathologic Biomineral: Shape Development and Structures of Calcium Oxalate Dihydrate in the Presence of Polyacrylic Acid. <i>Chemistry - A European Journal</i> , 2012, 18, 4000-4009.	3.3	40
26	Dy <sub>0.64</sub> {Dy <sub>5</sub> [Fe <sub>2</sub> C <sub>9</sub> ]}: A complex carbide with a composite structure. <i>Journal of Solid State Chemistry</i> , 2012, 190, 73-79.	2.9	5
27	TGâ€“MS of air-sensitive compounds in argon. <i>Thermochimica Acta</i> , 2012, 527, 204-210.	2.7	14
28	Li(H <sub>2</sub> O) <sub>2-x</sub> [Zr <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> ]: A Li-Filled Langbeinite Variant (x= 0) as a Precursor for a Metastable Dehydrated Phase (x= 2). <i>Chemistry of Materials</i> , 2011, 23, 1601-1606.	6.7	6
29	Exchange Interactions Through Ĩâ€“Ĩ Stacking in the Lamellar Compound [{Cu(bipy)(en)}{Cu(bipy)(H <sub>2</sub> O)} <sub>2</sub> {VO <sub>3</sub> } <sub>4</sub> ] <sub>n</sub> . <i>Inorganic Chemistry</i> , 2011, 50, 11461-11471.	4.0	19
30	Local Environment in Biomimetic Hydroxyapatiteâ€“Gelatin Nanocomposites As Probed by NMR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2011, 115, 1513-1519.	3.1	29
31	Nanoporous titanium borophosphates with rigid gainesite-type framework structure. <i>Chemical Communications</i> , 2011, 47, 11695.	4.1	5
32	Crystal structure of a lithium-filled langbeinite variant, Li(H <sub>2</sub> O) <sub>2</sub> [Hf <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> ]. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2011, 226, .	0.3	0
33	NaSc <sub>3</sub> [HPO <sub>3</sub> ] <sub>2</sub> [HPO <sub>2</sub> (OH)] <sub>6</sub> : Synthesis, Crystal Structure, and Thermal Decomposition. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1108-1113.	1.2	5
34	On the Solid Solution Series Er <sub>15</sub> [(Fe <sub>1-x</sub> Ru <sub>x</sub> ) <sub>8</sub> C <sub>25</sub> ]: Site Preference for Substitution in the Range 0 â‰‰ x â‰‰ 0.625?. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1687-1692.	1.2	1
35	Ba <sub>2</sub> Ni <sub>3</sub> : A Missed Intermetallic Compound. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1957-1959.	1.2	2
36	Structural Relationship between Calciteâ€“Gelatine Composites and Biogenic (Human) Otoconia. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 5370-5377.	2.0	24

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37	Sr <sub>3</sub> [Co(CN) <sub>3</sub> ] and Ba <sub>3</sub> [Co(CN) <sub>3</sub> ]: Crystal Structure, Chemical Bonding, and Conceptional Considerations of Highly Reduced Metalates. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9361-9364.	13.8	17
38	Sr <sub>2</sub> Ni <sub>3</sub> – A Strontium Subnickelide?. <i>Chemistry - A European Journal</i> , 2011, 17, 3347-3351.	3.3	13
39	High-pressure high-temperature synthesis and crystal structure of the isotypic rare earth (RE) – thioborate – sulfides RE <sub>9</sub> [BS <sub>3</sub> ] <sub>2</sub> [BS <sub>4</sub> ] <sub>3</sub> S <sub>3</sub> , (RE=Dy – Lu). <i>Journal of Solid State Chemistry</i> , 2011, 184, 296-303.	2.9	5
40	K <sub>3</sub> Ln[OB(OH) <sub>2</sub> ] <sub>2</sub> [HOPO <sub>3</sub> ] <sub>2</sub> (Ln=Yb, Lu): Layered rare-earth dihydrogen borate monohydrogen phosphates. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1517-1522.	2.9	8
41	Crystal structure of monosamarium trithioborate, Sm[BS <sub>3</sub> ]. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2010, 225, 223-224.	0.3	2
42	Electron scattering off structural two-level systems in ZrAs <sub>1.595</sub> Se <sub>0.393</sub> . <i>Journal of Physics: Conference Series</i> , 2010, 200, 012021.	0.4	3
43	Refinement of the crystal structure of praseodymium trithioborate, Pr[BS <sub>3</sub> ], single crystal data. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2010, 225, 217-218.	0.3	1
44	Crystal structure of monoterbium trithioborate, Tb[BS <sub>3</sub> ]. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2010, 225, 225-226.	0.3	2
45	Preparation and characterization of the layered borophosphates MII(H <sub>2</sub> O) <sub>2</sub> [B <sub>2</sub> P <sub>2</sub> O <sub>8</sub> (OH) <sub>2</sub> ]·H <sub>2</sub> O (MII=Fe,) Tj ETQg <sub>1</sub> 1 0.784314 rgE <sub>2.4</sub>	0.1	1
46	Crystal Chemistry and Physical Properties of the Nonmagnetic Kondo Compound HfAs <sub>1.7</sub> Se <sub>0.2</sub> . <i>ChemPhysChem</i> , 2010, 11, 2639-2644.	2.1	9
47	Fluorapatite – Gelatine Nanocomposite Superstructures: New Insights into a Biomimetic System of High Complexity. <i>ChemPhysChem</i> , 2010, 11, 1851-1853.	2.1	5
48	Planar Fe <sub>6</sub> Cluster Units in the Crystal Structure of RE <sub>15</sub> Fe <sub>8</sub> C <sub>25</sub> (RE=Y, Dy, Ho, Er). <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5688-5692.	13.8	19
49	Sr <sub>10</sub> [(PO <sub>4</sub> ) <sub>5.5</sub> (BO <sub>4</sub> ) <sub>0.5</sub> ](BO <sub>2</sub> ): Growth and crystal structure of a strontium phosphate orthoborate metaborate closely related to the apatite-type crystal structure. <i>Journal of Solid State Chemistry</i> , 2010, 183, 658-661.	2.9	19
50	Synthesis and crystal structure of the isotypic rare earth thioborates Ce[BS <sub>3</sub> ], Pr[BS <sub>3</sub> ], and Nd[BS <sub>3</sub> ]. <i>Journal of Solid State Chemistry</i> , 2010, 183, 702-706.	2.9	12
51	Crystal structure investigations of ZrAs <sub>x</sub> Se <sub>(x+y)2</sub> by single crystal neutron diffraction at 300 K, 25 K and 2.3 K. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1309-1313.	2.9	3
52	NaSc[BP <sub>2</sub> O <sub>6</sub> (OH) <sub>3</sub> ][(HO)PO <sub>3</sub> ]: Synthesis and Crystal Structure of an Alkali – Metal Scandium Borophosphate Hydrogenphosphate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 19-22.	1.2	5
53	Modulated Lanthanum Chains in the Crystal Structure of La <sub>3.65</sub> [Ru(C <sub>2</sub> ) <sub>3</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 41-49.	1.2	5
54	[CoN <sub>2</sub> ]/[CN <sub>2</sub> ] – Substitution in a Crystalline Phase with a Composition Close to Sr <sub>6</sub> [CoN <sub>2</sub> ] <sub>2</sub> [CN <sub>2</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 1297-1300.	1.2	6

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55	Preparation, Crystal Structures and Thermal Decomposition of Ba <sub>2</sub> (EDTA) and Ba <sub>2</sub> (EDTA)·2.5H <sub>2</sub> O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1710-1715.	1.2	9
56	On the Crystal Structure of RE <sub>3</sub> [BS <sub>3</sub> ] <sub>2</sub> [BS <sub>4</sub> ] <sub>3</sub> S <sub>3</sub> (RE = Dy -Lu). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2101-2101.	1.2	0
57	Non-magnetic Kondo effect in M -As-Se (M =Zr, Hf, Th) phases. Physica Status Solidi (B): Basic Research, 2010, 247, 586-588.	1.5	2
58	Calcium Phosphate~Gelatin Nanocomposites: Bulk Preparation (Shape- and Phase-Control), Characterization, and Application as Dentine Repair Material. Chemistry of Materials, 2010, 22, 5137-5153.	6.7	18
59	Quantitative determination of nitrogen by LA-ICP-MS using <sup>15</sup> N enriched binary calcium nitrides. Journal of Analytical Atomic Spectrometry, 2010, 25, 856.	3.0	5
60	Crystal structure of trilitium divanadium(III) borophosphate hydrogenphosphate, Li <sub>3</sub> V <sub>2</sub> [BP <sub>3</sub> O <sub>12</sub> (OH)][HPO <sub>4</sub> ]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2010, 225, 3-4.	0.3	3
61	Crystal structure of cobalt manganese monoaqua catena-[monohydrogenborate-tris(hydrogenphosphate)], (Co <sub>0.6</sub> Mn <sub>0.4</sub> ) <sub>2</sub> (H <sub>2</sub> O)[BP <sub>3</sub> O <sub>9</sub> (OH) <sub>4</sub> ]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 371-372.	0.3	2
62	Crystal structures of rubidium scandium bis(hydrogenphosphate), RbSc(HPO <sub>4</sub> ) <sub>2</sub> , and ammonium scandium bis(hydrogenphosphate), NH <sub>4</sub> Sc(HPO <sub>4</sub> ) <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.3	0
63	Crystal structure of potassium ammonium molybdate phosphate, K <sub>5-x</sub> (NH <sub>4</sub> ) <sub>x</sub> P[Mo <sub>4</sub> O <sub>14</sub> (OH)] <sub>2</sub> · 2H <sub>2</sub> O (x) Tj ETQ <sub>01</sub> 1 0.784314 rg	0.3	0
64	Crystal structure of zirconium phosphide sulphide, ZrP <sub>1.4</sub> S <sub>0.6</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 375-376.	0.3	0
65	Crystal structure of hexastrontium [dinitridoferrate(I)] bis(carbodiimide) mononitride, (Sr <sub>6</sub> N)[FeN <sub>2</sub> ][CN <sub>2</sub> ] <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.3	1
66	Crystal structure of ytterbium lanthanum iron carbide, La <sub>3</sub> Yb <sub>0.63</sub> FeC <sub>6</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, .	0.3	0
67	Embryonic States of Fluorapatite~Gelatine Nanocomposites and Their Intrinsic Electric~Field~Driven Morphogenesis: The Missing Link on the Way from Atomistic Simulations to Pattern Formation on the Mesoscale. Advanced Functional Materials, 2009, 19, 3596-3603.	14.9	38
68	Ca <sub>3</sub> N <sub>2</sub> , a Metastable Nitride in the System Ca~N. Chemistry - A European Journal, 2009, 15, 3419-3425.	3.3	17
69	Synthesis and Crystal Structure of KSc(HPO <sub>4</sub> ) <sub>2</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 33-35.	1.2	5
70	Synthesis and Crystal Structure of CaCo(H <sub>2</sub> O)[BP <sub>2</sub> O <sub>8</sub> (OH)]·H <sub>2</sub> O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 614-617.	1.2	12
71	Synthesis and Crystal Structure of SrFe[BP <sub>2</sub> O <sub>8</sub> (OH) <sub>2</sub> ]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1153-1156.	1.2	5
72	Synthesis, Crystal and Electronic Structure of a Samarium Carbochromate(III), Sm <sub>2</sub> [Cr <sub>2</sub> C <sub>3</sub> ]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2009, 635, 1741-1745.	1.2	3

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73	Hydrothermal synthesis, crystal structure, and magnetic properties of a novel organo-templated iron(III) borophosphate: (C <sub>3</sub> H <sub>12</sub> N <sub>2</sub> )Fe <sup>III</sup> 6(H <sub>2</sub> O) <sub>4</sub> [B <sub>4</sub> P <sub>8</sub> O <sub>32</sub> (OH) <sub>8</sub> ]. Journal of Solid State Chemistry, 2009, 182, 920-924.	2.9	8
74	Reinvestigation and superstructure of La <sub>3</sub> .67[Fe(C <sub>2</sub> ) <sub>3</sub> ]. Journal of Solid State Chemistry, 2009, 182, 1331-1335.	2.9	14
75	Hierarchical pattern of microfibrils in a 3D fluorapatiteâ€“gelatine nanocomposite: simulation of a bio-related structure building process. Physical Chemistry Chemical Physics, 2009, 11, 2186.	2.8	21
76	Crystal structure of dicaesium diaquatricobalt(II) (phosphate-borate-hydrogenphosphate), Cs <sub>2</sub> Co <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> [B <sub>4</sub> P <sub>6</sub> O <sub>24</sub> (OH) <sub>2</sub> ]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 1-2.	0.3	1
77	Crystal Structures Of Rubidium Scandium Bis(Hydrogenphosphate), Rb <sub>2</sub> Sc(HP <sub>4</sub> ) <sub>2</sub> , And Ammonium Scandium Bis(Hydrogenphosphate), NH <sub>4</sub> Sc(HP <sub>4</sub> ) <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2009, 224, 21-23.	0.3	1
78	Chemical bonding analysis and properties of La <sub>7</sub> O <sub>8</sub> C <sub>9</sub> â€“A new structure type containing C- and C <sub>2</sub> -units as Os-coordinating ligands. Journal of Solid State Chemistry, 2008, 181, 3121-3130.	2.9	24
79	Characterization of local environments in crystalline borophosphates using single and double resonance NMR. Solid State Nuclear Magnetic Resonance, 2008, 34, 20-31.	2.3	9
80	Revealing the Crystal Structure of Anhydrous Calcium Oxalate, Ca[C <sub>2</sub> O <sub>4</sub> ], by a Combination of Atomistic Simulation and Rietveld Refinement. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 1826-1829.	1.2	26
81	On the Volume Chemistry of Solid Compounds: the Legacy of Wilhelm Biltz. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 2747-2753.	1.2	25
82	Zn[BPO <sub>4</sub> (OH) <sub>2</sub> ]: A Zinc Borophosphate with the Rare Moganiteâ€“Type Topology. Chemistry - A European Journal, 2008, 14, 1757-1761.	3.3	17
83	â€œHiddenâ€“Hierarchy of Microfibrils within 3Dâ€“Periodic Fluorapatiteâ€“Gelatine Nanocomposites: Development of Complexity and Form in a Biomimetic System. Angewandte Chemie - International Edition, 2008, 47, 1405-1409.	13.8	50
84	The Nucleation Mechanism of Fluorapatiteâ€“Collagen Composites: Ion Association and Motif Control by Collagen Proteins. Angewandte Chemie - International Edition, 2008, 47, 4982-4985.	13.8	73
85	Shape Development and Structure of a Complex (Otoconiaâ€“Like?) Calciteâ€“Gelatine Composite. Angewandte Chemie - International Edition, 2008, 47, 8280-8284.	13.8	48
86	Synthesis, Characterization, and Morphogenesis of Carbonated Fluorapatiteâ€“Gelatine Nanocomposites: A Complex Biomimetic Approach toward the Mineralization of Hard Tissues. Chemistry of Materials, 2008, 20, 6003-6013.	6.7	59
87	Crystal structure of hemicalcium diaquairon(II) catena-(monoborodiphosphate) monohydrate, Ca <sub>0.5</sub> Fe(H <sub>2</sub> O) <sub>2</sub> [BP <sub>2</sub> O <sub>8</sub> ] Â· H <sub>2</sub> O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 9-54.	0.3	1
88	Crystal structure of lithium diaquacobalt(II) catena-monoborodiphosphate monohydrate, LiCo(H <sub>2</sub> O) <sub>2</sub> [BP <sub>2</sub> O <sub>8</sub> ] Â· H <sub>2</sub> O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 333-334.	0.3	4
89	Na <sub>3</sub> PbII[B(O <sub>3</sub> POH) <sub>4</sub> ]: An Alkali-Metal Lead Borophosphate with Heterocubane-like Units Na <sub>3</sub> PbO <sub>4</sub> . Inorganic Chemistry, 2008, 47, 10193-10195.	4.0	5
90	Crystal structure of barium iron(II) (monophosphate-hydrogenmonoborate- monophosphate), BaFe[BP <sub>2</sub> O <sub>8</sub> (OH)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 337-338.	0.3	0

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91	Crystal structure of caesium scandium bis(monohydrogenmonophosphate), CsSc(HPO <sub>4</sub> ) <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 321-322.	0.3	2
92	Crystal structure of barium cobalt(II) (monophosphate-hydrogenmonoborate- monophosphate), BaCo[BP <sub>2</sub> O <sub>8</sub> (OH)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 339-340.	0.3	0
93	Crystal structure of dilithium scandium (monophosphate-monohydrogenmonophosphate), Li <sub>2</sub> Sc[(PO <sub>4</sub> )(HPO <sub>4</sub> )]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 319-320.	0.3	3
94	Crystal structure of octastrontium bistrinitridomanganate(III) dinitridoferrate(II), Sr <sub>8</sub> [MnN <sub>3</sub> ] <sub>2</sub> [FeN <sub>2</sub> ]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 183-184.	0.3	1
95	Na <sub>5</sub> (NH <sub>4</sub> )Mn <sub>3</sub> [B <sub>9</sub> P <sub>6</sub> O <sub>33</sub> (OH) <sub>3</sub> ] <sub>4</sub> · 1.5H <sub>2</sub> O. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, i82-i83.	0.2	0
96	Crystal structure of octastrontium bistrinitridomanganate(IV) trinitridomanganate(III), Sr <sub>8</sub> [MnIVN <sub>3</sub> ] <sub>2</sub> [MnIIIN <sub>3</sub> ]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 185-225.	0.3	0
97	Crystal structure of octastrontium bistrinitridoferrate(III) dinitridoferrate(II), Sr <sub>8</sub> [FeN <sub>3</sub> ] <sub>2</sub> [FeN <sub>2</sub> ]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 181-182.	0.3	1
98	Crystal structure of potassium vanadium (monophosphate-hydrogenmonoborate- monophosphate), KV[BP <sub>2</sub> O <sub>8</sub> (OH)]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 323-324.	0.3	1
99	Crystal structure of calcium iron(II) hydrogenmonophosphatedihydrogenmonoborate-monophosphate, CaFe[BP <sub>2</sub> O <sub>7</sub> (OH) <sub>3</sub> ]. Zeitschrift Fur Kristallographie - New Crystal Structures, 2008, 223, 335-336.	0.3	2
100	Hidden hierarchy of microfibrils within fluorapatite gelatine nanocomposites induced by intrinsic electric dipole fields. , 2008, , 749-750.		0
101	Crystal structure of barium tetracalcium bis(dinitridocobaltate(I)), BaCa <sub>4</sub> [CoN <sub>2</sub> ] <sub>2</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 167-168.	0.3	0
102	Crystal structure of pentacalcium bis(dinitridocobaltate(I)), Ca <sub>5</sub> [CoN <sub>2</sub> ] <sub>2</sub> , and a note on Ca <sub>3</sub> CoN <sub>3</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 165-166.	0.3	2
103	CsSc[B <sub>2</sub> P <sub>3</sub> O <sub>11</sub> (OH) <sub>3</sub> ]: A New Borophosphate Oligomer Containing Boron in Three- and Fourfold Coordination. Inorganic Chemistry, 2007, 46, 7503-7508.	4.0	16
104	Crystal structure of hafnium arsenide selenide, HfAs <sub>1.69</sub> Se <sub>0.21</sub> . Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 369-370.	0.3	5
105	Crystal structure of hemicalcium diaquanickel(II) catena-(monoborodiphosphate) monohydrate, Ca <sub>0.5</sub> Ni(H <sub>2</sub> O) <sub>2</sub> [BP <sub>2</sub> O <sub>8</sub> ] · H <sub>2</sub> O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 1-2.	0.3	3
106	Control of Channel Shapes in a Microporous Manganese(II) Borophosphate Framework by Variation of Size and Shape of Organic Template Cations. Chemistry - A European Journal, 2007, 13, 1737-1745.	3.3	24
107	Site discrimination in the crystalline borophosphate Na <sub>5</sub> B <sub>2</sub> P <sub>3</sub> O <sub>13</sub> using advanced solid-state NMR techniques. Solid State Nuclear Magnetic Resonance, 2007, 32, 89-98.	2.3	20
108	Nd <sub>2</sub> [MoC <sub>2</sub> ] and R <sub>2</sub> [WC <sub>2</sub> ], R = Ce, Pr, Nd: New carbometalates with Pr <sub>2</sub> [MoC <sub>2</sub> ] structure type. Science and Technology of Advanced Materials, 2007, 8, 364-370.	6.1	1

#	ARTICLE	IF	CITATIONS
109	(Sr <sub>6</sub> N)[Co <sub>2</sub> ][CN <sub>2</sub> ] <sub>2</sub> : The first low-valency nitridometalate carbodiimide. Science and Technology of Advanced Materials, 2007, 8, 393-398.	6.1	12
110	Chemical physics of solids. Science and Technology of Advanced Materials, 2007, 8, 339-340.	6.1	0
111	Ternary rare earth and actinoid transition metal carbides viewed as carbometalates. Journal of Solid State Chemistry, 2007, 180, 636-653.	2.9	44
112	Crystal and Electronic Structures of the New Carbomolybdates(III), RE <sub>2</sub> [Mo <sub>2</sub> C <sub>3</sub> ] with RE = Ce, Sm, Tb, and Dy. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1349-1358.	1.2	3
113	Structural Chemistry of Borophosphates, Metalloborophosphates, and Related Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1517-1540.	1.2	156
114	Atomvolumina und Ladungsverteilungen in Nitridometallaten. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 2553-2557.	1.2	19
115	Towards an atomistic understanding of apatiteâ€™ collagen biomaterials: linking molecular simulation studies of complex-, crystal- and composite-formation to experimental findings. Journal of Materials Science, 2007, 42, 8966-8973.	3.7	41
116	Extending the scope of â€™in silico experimentsâ€™™: Theoretical approaches for the investigation of reaction mechanisms, nucleation events and phase transitions. Science and Technology of Advanced Materials, 2007, 8, 434-441.	6.1	10
117	A new borophosphate chain anion in an organo-templated iron(III) borophosphate: Synthesis, crystal structure and magnetic properties of (Ca <sub>2</sub> H <sub>2</sub> N <sub>2</sub> ) <sub>2</sub> fFeII <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> [Ba <sub>2</sub> P <sub>2</sub> O <sub>6</sub> ...â€™(OH) <sub>2</sub> ] <sub>2</sub> ·2H <sub>2</sub> O. Science and Technology of Advanced Materials, 2007, 8, 399-405.		
118	High-pressure chemistry of nitride-based materials. Chemical Society Reviews, 2006, 35, 987.	38.1	200
119	Chirality and Magnetism in a Novel Series of Isotypic Borophosphates:â€™ MII[BPO <sub>4</sub> (OH) <sub>2</sub> ] (MII = Mn, Fe,) Tj ETQg <sub>1</sub> 1 0.784314 rgB	4.0	34
120	Two New Hybrid Organic/Inorganic Copper(II)â€™ Oxovanadate(V) Diphosphonates: [Cu <sub>2</sub> (phen) <sub>2</sub> (O <sub>3</sub> PCH <sub>2</sub> PO <sub>3</sub> )(V <sub>2</sub> O <sub>5</sub> )(H <sub>2</sub> O)] <sub>2</sub> ·H <sub>2</sub> O and [Cu <sub>2</sub> (phen) <sub>2</sub> (O <sub>3</sub> P(CH <sub>2</sub> ) <sub>3</sub> PO <sub>3</sub> )(V <sub>2</sub> O <sub>5</sub> )] <sub>2</sub> ·C <sub>3</sub> H <sub>8</sub> . Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2006, 45, 5393-5398.	4.0	21
121	Crystal Structure and Thermochemical Properties of a First Scandium Borophosphate, Sc(H <sub>2</sub> O) <sub>2</sub> [BP <sub>2</sub> O <sub>8</sub> ] <sub>2</sub> ·H <sub>2</sub> O. Chemistry of Materials, 2006, 18, 673-679.	6.7	34
122	Polymorphism of [Zn(2,2â€™-bipy)(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub> ] <sub>2</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 37-41.	1.2	6
123	Reactive Gas Pressure Syntheses of Nitride-Diazenides and Hydridometalates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 565-571.	1.2	14
124	Azidoaurates of the Alkali Metals. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 1671-1680.	1.2	16
125	Ba <sub>2</sub> [Ni <sub>3</sub> N <sub>2</sub> ]: A Low-Valent Nitridonickelateâ€™ Synthesis, Crystal Structure, and Physical Properties. Chemistry - A European Journal, 2006, 12, 1667-1676.	3.3	8
126	Biomimetic Fluorapatiteâ€™ Gelatine Nanocomposites: Pre-Structuring of Gelatine Matrices by Ion Impregnation and Its Effect on Form Development. Angewandte Chemie - International Edition, 2006, 45, 1905-1910.	13.8	125



#	ARTICLE	IF	CITATIONS
127	Intrinsic Electric Dipole Fields and the Induction of Hierarchical Form Developments in Fluorapatite-Gelatine Nanocomposites: A General Principle for Morphogenesis of Biominerals?. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1911-1915.	13.8	102
128	(Ca <sub>7</sub> N <sub>4</sub> )[M <sub>x</sub> ] (M=Ag, Ga, In, Tl): Linear Metal Chains as Guests in a Subnitride Host. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6681-6685.	13.8	22
129	An atomistic simulation scheme for modeling crystal formation from solution. <i>Journal of Chemical Physics</i> , 2006, 124, 024513.	3.0	63
130	Fluorapatite-Gelatine-Nanocomposites: Self-Organized Morphogenesis, Real Structure and Relations to Natural Hard Materials. , 2006, , 73-125.		51
131	(A <sub>19</sub> N <sub>7</sub> )[In <sub>4</sub> ] <sub>2</sub> (A = Ca, Sr) and (Ca <sub>4</sub> N)[In <sub>2</sub> ]: Synthesis, Crystal Structures, Physical Properties, and Chemical Bonding. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1477-1486.	1.2	13
132	Structural Patterns and Dimensionality in Magnesium Borophosphates: The Crystal Structures of Mg <sub>2</sub> (H <sub>2</sub> O)[BP <sub>3</sub> O <sub>9</sub> (OH) <sub>4</sub> ] and Mg(H <sub>2</sub> O) <sub>2</sub> [B <sub>2</sub> P <sub>2</sub> O <sub>8</sub> (OH) <sub>2</sub> ] $\cdot$ H <sub>2</sub> O. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1615-1621.	1.2	24
133	[C <sub>10</sub> N <sub>2</sub> H <sub>10</sub> ][ZnCl(HPO <sub>4</sub> ) <sub>2</sub> ]: A New Templated Zincophosphate Containing Tetrahedral Nets with 63 Topology. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1622-1626.	1.2	9
134	(Sr <sub>2</sub> N)H: Untersuchungen zur Redox-Intercalation von Wasserstoff in Sr <sub>2</sub> N. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1813-1817.	1.2	18
135	Novel Barium Beryllates Ba[Be <sub>2</sub> N <sub>2</sub> ] and Ba <sub>3</sub> [Be <sub>5</sub> O <sub>8</sub> ]: Syntheses, Crystal Structures and Bonding Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1818-1824.	1.2	13
136	Chain Structures in Alkali Metal Borophosphates: Synthesis and Characterization of K <sub>3</sub> [BP <sub>3</sub> O <sub>9</sub> (OH) <sub>3</sub> ] and Rb <sub>3</sub> [B <sub>2</sub> P <sub>3</sub> O <sub>11</sub> (OH) <sub>2</sub> ]. <i>Inorganic Chemistry</i> , 2005, 44, 6431-6438.	4.0	27
137	Hierarchical architecture and real structure in a biomimetic nano-composite of fluorapatite with gelatine: a model system for steps in dentino- and osteogenesis?. <i>Journal of Materials Chemistry</i> , 2005, 15, 4992.	6.7	69
138	Atomistic Simulation Study of the Order/Disorder (Monoclinic to Hexagonal) Phase Transition of Hydroxyapatite. <i>Chemistry of Materials</i> , 2005, 17, 1978-1981.	6.7	53
139	Synthesis, Magnetism, and Crystal Structure of Li <sub>2</sub> Fe[(PO <sub>4</sub> )(HPO <sub>4</sub> )] and its Hydrogen Position Refinement. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 1632-1636.	1.2	10
140	Volume Chemistry of Nitrogen in Binary Metal Nitrides and Subnitrides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 117-121.	1.2	10
141	Synthesis and Crystal Structure of [C <sub>10</sub> N <sub>2</sub> H <sub>10</sub> ] <sub>2</sub> [P <sub>2</sub> Mo <sub>5</sub> O <sub>21</sub> (OH) <sub>2</sub> ] $\cdot$ 2H <sub>2</sub> O. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 678-682.	1.2	3
142	Carbometallate: Komplexe Anionenverbände [MoC <sub>4</sub> / <sub>26</sub> ] in der Kristallstruktur von Pr <sub>2</sub> III[Mo <sub>11</sub> C <sub>2</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 689-696.	1.2	13
143	(Ca <sub>7</sub> N <sub>4</sub> )M <sub>x</sub> (M = Ag, Ga, In, Tl): Subnitride und Metallketten [1M <sub>x</sub> ]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004, 630, 1704-1704.	1.2	8
144	The layered gallium borophosphate Ga[B <sub>2</sub> P <sub>2</sub> O <sub>7</sub> (OH) <sub>5</sub> ] refined from X-ray powder data. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, i149-i151.	0.2	0

#	ARTICLE	IF	CITATIONS
145	Ae[Be <sub>2</sub> N <sub>2</sub> ]: Nitridoberyllates of the Heavier Alkaline-Earth Metals. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1088-1092.	13.8	15
146	On the real-structure of biomimetically grown hexagonal prismatic seeds of fluorapatiteâ€“gelatine-composites: TEM investigations along [001]. <i>Journal of Materials Chemistry</i> , 2004, 14, 2218-2224.	6.7	71
147	Phase formation and morphology of calcium phosphateâ€“gelatine-composites grown by double diffusion technique: the influence of fluoride. <i>Journal of Materials Chemistry</i> , 2004, 14, 2225-2230.	6.7	55
148	Pulse plasma synthesis and chemical bonding in magnesium diboride. <i>Solid State Sciences</i> , 2003, 5, 535-539.	3.2	70
149	Mn and Fe K-edge XAS Spectra of Manganese and Iron Nitrido Compounds. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1632-1634.	2.0	15
150	Title is missing!. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003, 629, 923-927.	1.2	10
151	(C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> ){Zn[ZnB <sub>2</sub> P <sub>4</sub> O <sub>15</sub> (OH) <sub>2</sub> ](C <sub>6</sub> H <sub>13</sub> N <sub>2</sub> )Cl}:â€“ A New Templated Zincborophosphate. <i>Chemistry of Materials</i> , 2003, 15, 4930-4935.	6.7	18
152	Sr <sub>2</sub> (OLi <sub>2</sub> Sr <sub>4</sub> )[CrN <sub>4</sub> ] <sub>2</sub> , ein Nitridochromat(VI)-Oxid mit Sauerstoff in tetragonal-bipyramidaler Koordination durch Lithium und Strontium. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 1-3.	1.2	5
153	Synthesis and Crystal Structure of {(NH <sub>4</sub> ) <sub>x</sub> Co((3-x)/ <sub>2</sub> )}(H <sub>2</sub> O) <sub>2</sub> [BP <sub>2</sub> O <sub>8</sub> ](1â€“x)H <sub>2</sub> O (xâ€“0.5). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 289-294.	1.2	16
154	Zn <sub>3</sub> (C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> ) <sub>3</sub> [B <sub>6</sub> P <sub>12</sub> O <sub>39</sub> (OH) <sub>12</sub> ](C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> )[HPO <sub>4</sub> ]: A Chiral Borophosphate - Triethylenediammonium Hydrogenphosphate Composite. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 67-76.	1.2	24
155	Sr <sub>5</sub> [NbN <sub>4</sub> ]N - A Nitridoniobate(V) Nitride Containing Isolated [NbN <sub>4</sub> ] <sup>7-</sup> Tetrahedra and Octahedral Chains 1(Sr <sub>4</sub> Sr <sub>2</sub> /2N <sup>7+</sup> ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 463-467.	1.2	22
156	New Ternary Alkaline Earth Metal Cerium(IV) Nitrides: CaCeN <sub>2</sub> and SrCeN <sub>2</sub> Dedicated to Professor Welf Bronger on the Occasion of his 70th Birthday. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 1590.	1.2	16
157	Sr <sub>4</sub> N <sub>3</sub> : A Hitherto Missing Member in the Nitrogen Pressure Reaction Series Sr <sub>2</sub> Nâ€“Sr <sub>4</sub> Nâ€“SrNâ€“SrN <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2288-2290.	13.8	41
158	Inelastic Neutron Scattering Spectroscopy of Diazenides: Detection of the Niâ€“N Stretch. <i>ChemPhysChem</i> , 2002, 3, 815-817.	2.1	11
159	Preparation, Crystal Structure, and Properties of Barium Pernitride, BaN <sub>2</sub> . <i>Inorganic Chemistry</i> , 2001, 40, 4866-4870.	4.0	83
160	Morphogenesis and Structure of Human Teeth in Relation to Biomimetically Grown Fluorapatiteâ€“Gelatine Composites. <i>Chemistry of Materials</i> , 2001, 13, 3260-3271.	6.7	141
161	Open-Framework Borophosphates: (NH <sub>4</sub> ) <sub>0.4</sub> Fe <sup>II</sup> <sub>0.55</sub> Fe <sup>III</sup> <sub>0.5</sub> (H <sub>2</sub> O) <sub>2</sub> [BP <sub>2</sub> O <sub>8</sub> ](0.6H <sub>2</sub> O) and NH <sub>4</sub> Fe <sup>III</sup> [BP <sub>2</sub> O <sub>8</sub> (OH)]. <i>Chemistry of Materials</i> , 2001, 13, 4348-4354.	6.7	58
162	Cobalt Borate Phosphate, Co <sub>3</sub> [BPO <sub>7</sub> ], Synthesis and Characterization. <i>Journal of Solid State Chemistry</i> , 2001, 156, 281-285.	2.9	24

#	ARTICLE	IF	CITATIONS
163	LiSr <sub>2</sub> [ReN <sub>4</sub> ] und LiBa <sub>2</sub> [ReN <sub>4</sub> ] - isotype Nitridorhenate(VII). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 37-42.	1.2	14
164	MII(C <sub>4</sub> H <sub>12</sub> N <sub>2</sub> )[B <sub>2</sub> P <sub>3</sub> O <sub>12</sub> (OH)] (MII=Co, Zn): Synthesis and Crystal Structure of Novel Open Framework Borophosphates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 61-67.	1.2	28
165	(Ni <sub>3-x</sub> Mg <sub>x</sub> )[B <sub>3</sub> P <sub>3</sub> O <sub>12</sub> (OH) <sub>6</sub> ]·xH <sub>2</sub> O (x=1.5): A Novel BorophosphateHydrate Containing Isolated Six-Membered Rings of Tetrahedra. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 139-143.	1.2	11
166	(OLi <sub>2</sub> Ca <sub>4</sub> ) <sub>3</sub> [ReN <sub>4</sub> ] <sub>4</sub> , ein Nitridorhenat(VI)-Oxid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2001, 627, 301-303.	1.2	8
167	NaZn(H <sub>2</sub> O) <sub>2</sub> [BP <sub>2</sub> O <sub>8</sub> ]·xH <sub>2</sub> O: A Novel Open-Framework Borophosphate and its Reversible Dehydration to Microporous Sodium Zincoborophosphate Na[ZnBP <sub>2</sub> O <sub>8</sub> ]·xH <sub>2</sub> O with CZP Topology. Chemistry - A European Journal, 2001, 7, 834-839.	3.3	60
168	SrN and SrN <sub>2</sub> : Diazenides by Synthesis under High N <sub>2</sub> -Pressure. Angewandte Chemie - International Edition, 2001, 40, 547-549.	13.8	90
169	Ba <sub>16</sub> Nb <sub>5</sub> N <sub>19</sub> - A Nitridoniobate(V) Containing Isolated [NbN <sub>4</sub> ] <sup>7-</sup> and [Nb <sub>2</sub> N <sub>7</sub> ] <sup>11-</sup> Units. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2001, 56, 604-610.	0.7	4
170	Rb <sub>2</sub> Co <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> [B <sub>4</sub> P <sub>6</sub> O <sub>24</sub> (OH) <sub>2</sub> ]: Ein Borophosphat mit $\alpha$ -Tetraeder-Anionenteilstruktur und Oktaeder-Trimeren (Co <sub>3</sub> IIO <sub>12</sub> (H <sub>2</sub> O) <sub>2</sub> ). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 1380-1386.	1.2	20
171	Das erste Vanadium(III)-Borophosphat: Darstellung und Kristallstruktur von CsV <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> [B <sub>2</sub> P <sub>4</sub> O <sub>16</sub> (OH) <sub>4</sub> ]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 1647-1652.	1.2	12
172	Synthesis and crystal structure of NH <sub>4</sub> [(Zn <sub>1-x</sub> Co <sub>x</sub> )BP <sub>2</sub> O <sub>8</sub> ] (0 ≤ x ≤ 0.14), a metallo-borophosphate analogue of the zeolite gismondine. Microporous and Mesoporous Materials, 2000, 41, 161-167.	4.4	16
173	K[B <sub>6</sub> PO <sub>10</sub> (OH) <sub>4</sub> ]: Ein Borophosphat mit gestreckten Bändern aus Tetraeder-Vierer-Ringen und offen-zyklischen Verzweigungen über planare B <sub>2</sub> O <sub>3</sub> (OH) <sub>2</sub> -Gruppen / K[B <sub>6</sub> PO <sub>10</sub> (OH) <sub>4</sub> ]: A Borophosphate Containing Rods of Tetrahedral Vierer-Rings with Additional Open-Loop Branchings via Planar B <sub>2</sub> O <sub>3</sub> (OH) <sub>2</sub> Groups. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1999, 54, 895-898.	0.7	14
174	Biomimetic Morphogenesis of Fluorapatite-Gelatin Composites: Fractal Growth, the Question of Intrinsic Electric Fields, Core/Shell Assemblies, Hollow Spheres and Reorganization of Denatured Collagen. European Journal of Inorganic Chemistry, 1999, 1999, 1643-1653.	2.0	269
175	RbFe[BP <sub>2</sub> O <sub>8</sub> (OH)]: Ein neues Borophosphat mit offen-verzweigten Vierer-Einfach-Tetraederketten. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1999, 625, 1512-1516.	1.2	25
176	K[ZnBP <sub>2</sub> O <sub>8</sub> ] and A[ZnBP <sub>2</sub> O <sub>8</sub> ] (A=NH <sub>4</sub> <sup>+</sup> , Rb <sup>+</sup> , Cs <sup>+</sup> ): Zincoborophosphates as a New Class of Compounds with Tetrahedral Framework Structures. Angewandte Chemie - International Edition, 1999, 38, 3641-3644.	13.8	79
177	Na <sub>1.89</sub> Ag <sub>0.11</sub> [BP <sub>2</sub> O <sub>7</sub> (OH)] und Na <sub>2</sub> [BP <sub>2</sub> O <sub>7</sub> (OH)] - Isotype Borophosphate mit Tetraeder-Schichtpaketen. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1998, 624, 1291-1297.	1.2	24
178	The Hexanitridodimanganate(IV) Li <sub>6</sub> Ca <sub>2</sub> [Mn <sub>2</sub> N <sub>6</sub> ]: Preparation, Crystal Structure, and Chemical Bonding. Angewandte Chemie - International Edition, 1998, 37, 1582-1585.	13.8	25
179	A First Approach to Borophosphate Structural Chemistry. Chemistry of Materials, 1998, 10, 2930-2934.	6.7	246
180	Oligomere Tetraeder-Anionen in Borophosphaten: Sechseringe mit offenen und cyclischen Phosphat-Verzweigungen in der Kristallstruktur von K <sub>6</sub> Cu <sub>2</sub> [B <sub>4</sub> P <sub>8</sub> O <sub>28</sub> (OH) <sub>6</sub> ] / Oligomeric Tetrahedral Anions in Borophosphates: Six-Membered Rings with Open and Cyclic Phosphate Branchings in the Crystal Structure of K <sub>6</sub> Cu <sub>2</sub> [B <sub>4</sub> P <sub>8</sub> O <sub>28</sub> (OH) <sub>6</sub> ]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 1440-1444.	0.7	14

#	ARTICLE	IF	CITATIONS
181	Oligomere Tetraeder-Anionen in Borophosphaten: Darstellung und Kristallstrukturen von NaFe[BP2O7(OH)3] und K2Fe2[B2P4O16(OH)2] / Oligomeric Tetrahedral Anions in Borophosphates: Synthesis and Crystal Structures of NaFe[BP2O7(OH)3] and K2Fe2[B2P4O16(OH)2]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 165-170.	0.7	30
182	Fe[B2P2O7(OH)5]: Ein neues Boro-phosphat mit unverzweigten Vierer-Einfach Tetraederketten / Fe[B2P2O7(OH)5]: A New Borophosphate Containing Non-Branched Tetrahedral Vierer-Einfach Chains. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 631-633.	0.7	15
183	Cs[B<sub>2</sub>P<sub>2</sub>O<sub>8</sub>(OH)] <sup>+</sup> : Die ersten Borophosphate mit dreidimensional vernetzter Anionenteilstruktur / Rb[B<sub>2</sub>P<sub>2</sub>O<sub>8</sub>(OH)] <sup>+</sup> and Cs[B<sub>2</sub>P<sub>2</sub>O<sub>8</sub>(OH)] <sup>+</sup> : The First Borophosphates with a Threedimensional Anionic Tetrahedral Structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1997, 52, 1432-1435.	0.7	34
184	Ternary and quaternary metal nitrides: A new challenge for solid state chemistry. Pure and Applied Chemistry, 1997, 69, 185-192.	1.9	103
185	61 Helices from Tetrahedral Ribbons [BP2O8]·H2O (MI = Na, K; MII = Mg, Mn, Fe, Co, Ni, Zn) and Their Dehydration to Microporous Phases MII(H2O)[BP2O8]. Angewandte Chemie International Edition in English, 1997, 36, 1013-1014.	4.4	120
186	Helices aus Tetraedern [BP<sub>2</sub>O<sub>8</sub>] <sup>+</sup> : isotype Borophosphate M<sup>I</sup>M<sup>II</sup>(H<sub>2</sub>O) (H<sub>2</sub>O)[BP<sub>2</sub>O<sub>8</sub>] <sup>+</sup> und ihre Dehydratisierung zu mikroporösen Phasen M<sup>I</sup>M<sup>II</sup>(H<sub>2</sub>O)[BP<sub>2</sub>O<sub>8</sub>]. Angewandte Chemie, 1997, 109, 1052-1054.	2.0	22
187	Biomimetisches Wachstum und Selbstorganisation von Fluorapatit-Aggregaten durch Diffusion in denaturierten Kollagen-Matrizes. Angewandte Chemie, 1996, 108, 2788-2791.	2.0	71
188	Biomimetic Growth and Self-Assembly of Fluorapatite Aggregates by Diffusion into Denatured Collagen Matrices. Angewandte Chemie International Edition in English, 1996, 35, 2624-2626.	4.4	218
189	(Sr6N)[Ga5] and (Ba6N)[Ga5]: Compounds with Discrete (M6N) Octahedra and [Ga5] Clusters. Angewandte Chemie International Edition in English, 1995, 34, 1761-1763.	4.4	27
190	Borophosphates - A Neglected Class of Compounds: Crystal Structures of MII[BPO5] (MII = 3/4 Ca, Sr) and Ba3[BP3O12]. Angewandte Chemie International Edition in English, 1994, 33, 749-751.	4.4	160
191	Ca3AuN: A Calcium Auride Subnitride. Angewandte Chemie International Edition in English, 1993, 32, 709-710.	4.4	44
192	Ba9N[N3][Ta4]2: A Nitridotantalate(V) with Nitride and Azide Ions. Angewandte Chemie International Edition in English, 1993, 32, 1350-1352.	4.4	11
193	Ca<sub>3</sub>AuN: ein Calciumauridsubnitrid. Angewandte Chemie, 1993, 105, 738-739.	2.0	37
194	Notizen: Ba<sub>2</sub>[Ta<sub>3</sub>] und Sr<sub>2</sub>[Ta<sub>3</sub>]: Isotype Nitridotantalate(V) mit Tetraederketten <sub>â<sup>1</sup></sub> / Ba<sub>2</sub>[Ta<sub>3</sub>] and Sr<sub>2</sub>[Ta<sub>3</sub>]: Isotypic Nitridotantalates(V) with Tetrahedral Chains <sub>â<sup>1</sup></sub> <sup>4</sup> / Ba<sub>2</sub>[Ta<sub>3</sub>] and Sr<sub>2</sub>[Ta<sub>3</sub>]: Isotypic Nitridotantalates(V) with Tetrahedral Chains <sub>â<sup>1</sup></sub> <sup>4</sup>]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 1015-1018.	0.7	27
195	Sr3[MnN3] und Ba3[MnN3], die ersten Nitridomanganate(III): Trigonal-planare Anionen [MnIII N3]6- / Sr3[MnN3] and Ba3[MnN3], the First Nitridomanganates(III): Trigonal-Planar Anions [MnIII N3]6-. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 794-796.	0.7	28
196	LiSr<sub>2</sub>[CoN<sub>2</sub>]: Ein Nitridocobaltat(I) mit gestreckten Anionen [CoN<sub>2</sub>] <sup>5-</sup> / LiSr<sub>2</sub>[CoN<sub>2</sub>]: A Nitridocobaltate(I) with Linear Anions [CoN2] <sup>5-</sup> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1992, 47, 434-436.	0.7	20
197	Quaternary selenodiphosphates(IV): MIIIII[P2Se6], (MI = Cu, Ag; MIII = Cr, Al, Ga, In). Journal of Alloys and Compounds, 1992, 186, 111-133.	5.5	48
198	Die Kristallstrukturen der isotypen Verbindungen Ba3[MoN4] und Ba3[WN4] / The Crystal Structures of the Isotypic Compounds Ba3[MoN4] and Ba3[WN4]. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1991, 46, 566-572.	0.7	27

#	ARTICLE	IF	CITATIONS
199	Li <sub>4</sub> [FeN <sub>2</sub> ]: A Nitridoferrate(II) with Anions Isosteric with CO <sub>2</sub> . A Defect Variant of the Li <sub>3</sub> N Type Structure.. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 199-200.	4.4	39
200	Sr <sub>2</sub> Li[Fe <sub>2</sub> N <sub>3</sub> ] and Ba <sub>2</sub> Li[Fe <sub>2</sub> N <sub>3</sub> ]: Nitridoferrate(II) Isotypes with $\frac{1}{2}[(FeN_3/2)_2S^-]$ Anions. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 831-832.	4.4	22
201	Tellurium-125 Mössbauer spectra of gallium(II,III) tellurohalides, Ga <sub>3</sub> Te <sub>3</sub> X, and gallium(II) telluride, GaTe. <i>Inorganica Chimica Acta</i> , 1990, 171, 75-77.	2.4	3
202	Ternäre Nitride des Lithiums mit den Elementen Cr, Mo und W / Ternary Lithium Nitrides with Elements Cr, Mo and W. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1990, 45, 111-120.	0.7	63
203	Li <sub>2</sub> SrN <sub>4</sub> Ein dreidimensionaler Strukturverband aus ecken- und kantenverknüpfte rhombischen Bipyramiden, $NLi_{2/2}Sr_{4/4}$ . <i>Angewandte Chemie</i> , 1989, 101, 204-204.	2.0	14
204	LiCaN und Li <sub>4</sub> SrN <sub>2</sub> , Abkömmlinge der Fluorit- bzw. Lithiumnitrid-Struktur. <i>Angewandte Chemie</i> , 1989, 101, 1689-1695.	2.0	24
205	Li <sub>2</sub> SrN <sub>4</sub> A Three Dimensional Structural Arrangement of Corner and Edge Sharing Orthorhombic Bipyramids, $NLi_{2/2}Sr_{4/4}$ . <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 201-202.	4.4	18
206	LiCaN and Li <sub>4</sub> SrN <sub>2</sub> , Derivatives of the Fluorite and Lithium Nitride Structures. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 1702-1703.	4.4	31
207	<sup>125</sup> Te Mössbauer spectra of the intercalation compound (Te <sub>2</sub> ) <sub>2</sub> (I <sub>2</sub> ). <i>Inorganica Chimica Acta</i> , 1988, 146, 85-87.	2.4	2
208	Orthophosphates in the Ternary System Al <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> -H <sub>2</sub> O. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 525-534.	4.4	38
209	E <sub>3</sub> Te <sub>3</sub> Hal, Mixed Valency Tellurohalides of Gallium and Indium with One-Dimensional Structural Units. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 752-753.	4.4	14
210	The molecular structure of tellurium dichloride, TeCl <sub>2</sub> , determined by gas electron diffraction. <i>Journal of Molecular Structure</i> , 1985, 128, 29-31.	3.6	31
211	(Te <sub>2</sub> ) <sub>2</sub> (I <sub>2</sub> ) An Unusual Intercalation Compound. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 393-394.	4.4	26
212	Rotes Indium(III)-iodid. <i>Angewandte Chemie</i> , 1984, 96, 784-785.	2.0	2
213	Phasenbeziehungen im System Schwefel-Chlor sowie Kristallstrukturen von SCl <sub>2</sub> und SCl <sub>4</sub> [1]. / Phase Relations in the System Sulfur-Chlorine and Crystal Structures of SCl <sub>2</sub> and SCl <sub>4</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1984, 39, 305-309.	0.7	16
214	Phase relations in Ga <sub>2</sub> X <sub>3</sub> -GaY <sub>3</sub> systems (X=Se,Te; Y=Cl,Br,I) Crystal growth, structural relations and optical absorption of intermediate compounds GaXY. <i>Materials Research Bulletin</i> , 1983, 18, 615-620.	5.2	17
215	Subhalides of tellurium. <i>Topics in Current Chemistry</i> , 1983, , 145-192.	4.0	17
216	The Molecular Structure of Selenium Dichloride, SeCl <sub>2</sub> , Determined by Gas Electron Diffraction. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1983, 38, 1072-1073.	0.7	26

#	ARTICLE	IF	CITATIONS
217	Crystal Structures of AlI <sub>3</sub> , GaI <sub>3</sub> and InI <sub>3</sub> ? Isotypic Relationship AlI <sub>3</sub> /SO <sub>3</sub> . <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 386-386.	4.4	13
218	The Molecular and crystal structure of a 1:1-adduct of AsI <sub>3</sub> , prepared from 1,3,5,7-(tetramethyl)-2,4,6,8,9,10-(hexathia)adamantane. <i>Inorganica Chimica Acta</i> , 1982, 64, L83-L84.	2.4	14
219	Kristallstrukturen von AlI <sub>3</sub> und InI <sub>3</sub> – Isotypiebeziehung AlI <sub>3</sub> /SO <sub>3</sub> . <i>Angewandte Chemie</i> , 1982, 94, 370-370.	2.0	12
220	NOTIZEN: GaTeCl – Eine Tetraederschichtstruktur mit Ga-Te-Verknüpfung vom Typ des schwarzen Phosphors / GaTeCl – a Tetrahedral Layer Structure with Ga-Te Linking of the Black Phosphorus Type. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1981, 36, 1658-1659.	0.7	9
221	Phasenbeziehungen in Systemen In <sub>2</sub> X <sub>3</sub> – InY <sub>3</sub> sowie Strukturbeziehungen, Kristallzucht und optische Absorption von Verbindungen InXY [X = Se, Te; Y = Cl, Br, I] / Phase Relations in Systems In <sub>2</sub> X <sub>3</sub> – InY <sub>3</sub> and Structural Relations, Crystal Growth and Optical Absorption of Compounds InXY [X = Se, Te; Y = Cl, Br, I]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1981, 36, 1520-1525.	0.7	15
222	Chalcogenide Iodides of Arsenic. <i>Angewandte Chemie International Edition in English</i> , 1981, 20, 212-214.	4.4	7
223	Phase relations in the InBr <sub>3</sub> - In <sub>2</sub> Te <sub>3</sub> system and the crystal structure of InTeBr. <i>Materials Research Bulletin</i> , 1980, 15, 763-770.	5.2	19
224	Reactions of tin(II) halides with tellurium(IV) halides: a new route to subhalides of tellurium. <i>Journal of the Chemical Society Dalton Transactions</i> , 1977, , 2048.	1.1	5