

RÃ¼diger Kniep

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Biomimetic Morphogenesis of Fluorapatite-Gelatin Composites: Fractal Growth, the Question of Intrinsic Electric Fields, Core/Shell Assemblies, Hollow Spheres and Reorganization of Denatured Collagen. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 1643-1653.	2.0	269
2	A First Approach to Borophosphate Structural Chemistry. <i>Chemistry of Materials</i> , 1998, 10, 2930-2934.	6.7	246
3	Biomimetic Growth and Self-Assembly of Fluorapatite Aggregates by Diffusion into Denatured Collagen Matrices. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2624-2626.	4.4	218
4	High-pressure chemistry of nitride-based materials. <i>Chemical Society Reviews</i> , 2006, 35, 987.	38.1	200
5	Borophosphates – A Neglected Class of Compounds: Crystal Structures of $MII[BPO_5]$ ($MII = \frac{3}{4} Ca, Sr$) and $Ba_3[BP_3O_{12}]$. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 749-751.	4.4	160
6	Structural Chemistry of Borophosphates, Metalloborophosphates, and Related Compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 1517-1540.	1.2	156
7	Morphogenesis and Structure of Human Teeth in Relation to Biomimetically Grown Fluorapatite-Gelatin Composites. <i>Chemistry of Materials</i> , 2001, 13, 3260-3271.	6.7	141
8	Biomimetic Fluorapatite-Gelatin Nanocomposites: Pre-Structuring of Gelatin Matrices by Ion Impregnation and Its Effect on Form Development. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1905-1910.	13.8	125
9	61 Helices from Tetrahedral Ribbons $[BP_2O_8]^{2-}$: Isostructural Borophosphates $MII(MI(H_2O)_2[BP_2O_8] \cdot H_2O)$ ($MI = Na, K$; $MII = Mg, Mn, Fe, Co, Ni, Zn$) and Their Dehydration to Microporous Phases $MII(MI(H_2O)[BP_2O_8])$. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1013-1014.	4.4	120
10	Ternary and quaternary metal nitrides: A new challenge for solid state chemistry. <i>Pure and Applied Chemistry</i> , 1997, 69, 185-192.	1.9	103
11	Intrinsic Electric Dipole Fields and the Induction of Hierarchical Form Developments in Fluorapatite-Gelatin Nanocomposites: A General Principle for Morphogenesis of Biominerals?. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1911-1915.	13.8	102
12	SrN and SrN_2 : Diazenides by Synthesis under High N_2 -Pressure. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 547-549.	13.8	90
13	Preparation, Crystal Structure, and Properties of Barium Pernitride, BaN_2 . <i>Inorganic Chemistry</i> , 2001, 40, 4866-4870.	4.0	83
14	$K[ZnBP_2O_8]$ and $A[ZnBP_2O_8]$ ($A = NH_4^+, Rb^+, Cs^+$): Zincoborophosphates as a New Class of Compounds with Tetrahedral Framework Structures. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3641-3644.	13.8	79
15	The Nucleation Mechanism of Fluorapatite-Gelatin Composites: Ion Association and Motif Control by Collagen Proteins. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4982-4985.	13.8	73
16	Biomimetisches Wachstum und Selbstorganisation von Fluorapatit-Aggregaten durch Diffusion in denaturierten Kollagen-Matrices. <i>Angewandte Chemie</i> , 1996, 108, 2788-2791.	2.0	71
17	On the real-structure of biomimetically grown hexagonal prismatic seeds of fluorapatite-gelatin-composites: TEM investigations along [001]. <i>Journal of Materials Chemistry</i> , 2004, 14, 2218-2224.	6.7	71
18	Pulse plasma synthesis and chemical bonding in magnesium diboride. <i>Solid State Sciences</i> , 2003, 5, 535-539.	3.2	70

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19	Hierarchical architecture and real structure in a biomimetic nano-composite of fluorapatite with gelatine: a model system for steps in dentino- and osteogenesis?. Journal of Materials Chemistry, 2005, 15, 4992.	6.7	69
20	PbSâ€œOrganic Mesocrystals: The Relationship between Nanocrystal Orientation and Superlattice Array. Angewandte Chemie - International Edition, 2012, 51, 10776-10781.	13.8	67
21	TernÄre Nitride des Lithiums mit den Elementen Cr, Mo und W / Ternary Lithium Nitrides with Elements Cr, Mo and W. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1990, 45, 111-120.	0.7	63
22	An atomistic simulation scheme for modeling crystal formation from solution. Journal of Chemical Physics, 2006, 124, 024513.	3.0	63
23	NaZn(H2O)2[BP2O8]â€œH2O: A Novel Open-Framework Borophosphate and its Reversible Dehydration to Microporous Sodium Zincoborophosphate Na[ZnBP2O8]â€œH2O with CZP Topology. Chemistry - A European Journal, 2001, 7, 834-839.	3.3	60
24	Synthesis, Characterization, and Morphogenesis of Carbonated Fluorapatiteâ€œGelatine Nanocomposites: A Complex Biomimetic Approach toward the Mineralization of Hard Tissues. Chemistry of Materials, 2008, 20, 6003-6013.	6.7	59
25	Open-Framework Borophosphates: (NH4)0.4FeII0.55FeIII0.5(H2O)2[BP2O8]â€œ0.6H2O and NH4FeIII[BP2O8(OH)]. Chemistry of Materials, 2001, 13, 4348-4354.	6.7	58
26	Phase formation and morphology of calcium phosphateâ€œgelatine-composites grown by double diffusion technique: the influence of fluoride. Journal of Materials Chemistry, 2004, 14, 2225-2230.	6.7	55
27	Atomistic Simulation Study of the Order/Disorder (Monoclinic to Hexagonal) Phase Transition of Hydroxyapatite. Chemistry of Materials, 2005, 17, 1978-1981.	6.7	53
28	Fluorapatite-Gelatine-Nanocomposites: Self-Organized Morphogenesis, Real Structure and Relations to Natural Hard Materials. , 2006, , 73-125.		51
29	Detection of human utricular otoconia degeneration in vital specimen and implications for benign paroxysmal positional vertigo. European Archives of Oto-Rhino-Laryngology, 2014, 271, 3133-3138.	1.6	51
30	Interconnection of Nanoparticles within 2D Superlattices of PbS/Oleic Acid Thin Films. Advanced Materials, 2014, 26, 3042-3049.	21.0	51
31	â€œHiddenâ€œ Hierarchy of Microfibrils within 3Dâ€œPeriodic Fluorapatiteâ€œ Gelatine Nanocomposites: Development of Complexity and Form in a Biomimetic System. Angewandte Chemie - International Edition, 2008, 47, 1405-1409.	13.8	50
32	First evidence of octacalcium phosphate@osteocalcin nanocomplex as skeletal bone component directing collagen tripleâ€œhelix nanofibril mineralization. Scientific Reports, 2018, 8, 13696.	3.3	49
33	Quaternary selenodiphosphates(IV): MIMIII[P2Se6], (MI =Cu, Ag; MIII = Cr, Al, Ga, In). Journal of Alloys and Compounds, 1992, 186, 111-133.	5.5	48
34	Shape Development and Structure of a Complex (Otoconiaâ€œLike?) Calciteâ€œGelatine Composite. Angewandte Chemie - International Edition, 2008, 47, 8280-8284.	13.8	48
35	Ca3AuN: A Calcium Auride Subnitride. Angewandte Chemie International Edition in English, 1993, 32, 709-710.	4.4	44
36	Ternary rare earth and actinoid transition metal carbides viewed as carbometalates. Journal of Solid State Chemistry, 2007, 180, 636-653.	2.9	44

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37	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
38	Sr ₄ N ₃ : A Hitherto Missing Member in the Nitrogen Pressure Reaction Series Sr ₂ N†'Sr ₄ N ₃ †'SrN†'SrN ₂ . <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2288-2290.	13.8	41
39	Towards an atomistic understanding of apatite – collagen biomaterials: linking molecular simulation studies of complex-, crystal- and composite-formation to experimental findings. <i>Journal of Materials Science</i> , 2007, 42, 8966-8973.	3.7	41
40	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
41	Li ₄ [FeN ₂]: A Nitridoferrate(II) with Anions Isosteric with CO ₂ . A Defect Variant of the Li ₃ N Type Structure.. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 199-200.	4.4	39
42	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
43	Orthophosphates in the Ternary System Al ₂ O ₃ ·P ₂ O ₅ ·H ₂ O. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 525-534.	4.4	38
44	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. <i>Advanced Functional Materials</i> , 2009, 19, 3596-3603.	14.9	38
45	Ca ₃ AuN: ein Calciumauridsubnitrid. <i>Angewandte Chemie</i> , 1993, 105, 738-739.	2.0	37
46	Rb[B ₂ P ₂ O ₈ (OH)] und Cs[B ₂ P ₂ O ₈ (OH)]: Die ersten Borophosphate mit dreidimensional vernetzter Anionenteilstruktur /Rb[B ₂ P ₂ O ₈ (OH)] and Cs[B ₂ P ₂ O ₈ (OH)]: The First Borophosphates with a Three-dimensional Anionic Tetrahedral Structure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1997, 52, 1432-1435.	0.7	34
47	Chirality and Magnetism in a Novel Series of Isotypic Borophosphates: MII[BPO ₄ (OH) ₂] (MII = Mn, Fe, Tj) <i>ETQg</i> 1 0.784314 rgB	4.0	34
48	Crystal Structure and Thermochemical Properties of a First Scandium Borophosphate, Sc(H ₂ O) ₂ [BP ₂ O ₈]·H ₂ O. <i>Chemistry of Materials</i> , 2006, 18, 673-679.	6.7	34
49	The molecular structure of tellurium dichloride, TeCl ₂ , determined by gas electron diffraction. <i>Journal of Molecular Structure</i> , 1985, 128, 29-31.	3.6	31
50	LiCaN and Li ₄ SrN ₂ , Derivatives of the Fluorite and Lithium Nitride Structures. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 1702-1703.	4.4	31
51	Oligomere Tetraeder-Anionen in Borophosphaten: Darstellung und Kristallstrukturen von NaFe[BP ₂ O ₇ (OH) ₃] und K ₂ Fe ₂ [B ₂ P ₄ O ₁₆ (OH) ₂] /Oligomeric Tetrahedral Anions in Borophosphates: Synthesis and Crystal Structures of NaFe[BP ₂ O ₇ (OH) ₃] and K ₂ Fe ₂ [B ₂ P ₄ O ₁₆ (OH) ₂]. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1998, 53, 165-170.	0.7	30
52	Local Environment in Biomimetic Hydroxyapatite – Gelatin Nanocomposites As Probed by NMR Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2011, 115, 1513-1519.	3.1	29
53	Sr ₃ [MnN ₃] und Ba ₃ [MnN ₃], die ersten Nitridomanganate(III): Trigonal-planare Anionen [MnIIIN ₃] ⁶⁻ / Sr ₃ [MnN ₃] and Ba ₃ [MnN ₃], the First Nitridomanganates(III): Trigonal-Planar Anions [MnIIIN ₃] ⁶⁻ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993, 48, 794-796.	0.7	28
54	MII(C ₄ H ₁₂ N ₂)[B ₂ P ₃ O ₁₂ (OH)] (MII = Š = ŠCo, Zn): Synthesis and Crystal Structure of Novel Open Framework Borophosphates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001, 627, 61-67.	1.2	28

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73	Structural Relationship between Calciteâ€“Gelatine Composites and Biogenic (Human) Otoconia. European Journal of Inorganic Chemistry, 2011, 2011, 5370-5377.	2.0	24
74	Sr ₂ Li[Fe ₂ N ₃] and Ba ₂ Li[Fe ₂ N ₃]: Nitridoferrate(II) Isotypes with $\left[\left(\text{FeN}_3/2\right)_2\text{S}^--\right]$ Anions. Angewandte Chemie International Edition in English, 1991, 30, 831-832.	4.4	22
75	$\text{B}_{10}\text{O}_{13}$ Helices and Tetrahedron: isotype Borophosphate $\text{M}_2\text{O}(\text{H}_2\text{O})_2[\text{B}_2\text{O}_8]$ \cdot H_2O und ihre Dehydratisierung zu mikroporösen Phasen $\text{M}_2\text{O}(\text{H}_2\text{O})_2[\text{B}_2\text{O}_8]$. Angewandte Chemie, 1997, 109, 1052-1054.	2.0	22
76	Sr ₅ [Nb ₄ N] - A Nitridoniobate(V) Nitride Containing Isolated [Nb ₄ N]7- Tetrahedra and Octahedral Chains 1(Sr ₄ Sr ₂ /N ₇ +). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2002, 628, 463-467.	1.2	22
77	(Ca ₇ N ₄) [M _x] (M=Ag, Ga, In, Tl): Linear Metal Chains as Guests in a Subnitride Host. Angewandte Chemie - International Edition, 2006, 45, 6681-6685.	13.8	22
78	Two New Hybrid Organic/Inorganic Copper(II)â€“Oxovanadate(V) Diphosphonates: [Cu ₂ (phen) ₂ (O ₃ PCH ₂ PO ₃)(V ₂ O ₅)(H ₂ O)] \cdot H ₂ O and [Cu ₂ (phen) ₂ (O ₃ P(CH ₂) ₃ PO ₃)(V ₂ O ₅)] \cdot C ₃ H ₈ . Synthesis, Structure, and Magnetic Properties. Inorganic Chemistry, 2006, 45, 5393-5398.	4.0	21
79	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
80	LiSr ₂ [CoN ₂]: Ein Nitridocobaltat(I) mit gestreckten Anionen [CoN ₂] ⁵⁻ / LiSr ₂ [CoN ₂]: A Nitridocobaltate(I) with Linear Anions [CoN ₂] ⁵⁻ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1992, 47, 434-436.	0.7	20
81	Rb ₂ Co ₃ (H ₂ O) ₂ [B ₄ P ₆ O ₂₄ (OH) ₂]: Ein Borophosphat mit Z^2 -Tetraeder-Anionenteilstruktur und Oktaeder-Trimeren (Co ₃ IO ₁₂ (H ₂ O) ₂). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 1380-1386.	1.2	20
82	Site discrimination in the crystalline borophosphate Na ₅ B ₂ P ₃ O ₁₃ using advanced solid-state NMR techniques. Solid State Nuclear Magnetic Resonance, 2007, 32, 89-98.	2.3	20
83	An NMR Study of Biomimetic Fluorapatite â€“ Gelatine Mesocrystals. Scientific Reports, 2015, 5, 15797.	3.3	20
84	Phase relations in the InBr ₃ - In ₂ Te ₃ system and the crystal structure of InTeBr. Materials Research Bulletin, 1980, 15, 763-770.	5.2	19
85	Atomvolumina und Ladungsverteilungen in Nitridometallaten. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 2553-2557.	1.2	19
86	Planar Fe ₆ Cluster Units in the Crystal Structure of RE ₁₅ Fe ₈ C ₂₅ (RE=Y, Dy, Ho, Er). Angewandte Chemie - International Edition, 2010, 49, 5688-5692.	13.8	19
87	Sr ₁₀ [(PO ₄) _{5.5} (BO ₄) _{0.5}](BO ₂): Growth and crystal structure of a strontium phosphate orthoborate metaborate closely related to the apatite-type crystal structure. Journal of Solid State Chemistry, 2010, 183, 658-661.	2.9	19
88	Exchange Interactions Through π - π Stacking in the Lamellar Compound $\left\{\left[\text{Cu}(\text{bipy})(\text{en})\right]\left[\text{Cu}(\text{bipy})(\text{H}_2\text{O})\right]\left[\text{VO}_3\right]_4\right\}_n$. Inorganic Chemistry, 2011, 50, 11461-11471.	4.0	19
89	On the Function of Saccharides during the Nucleation of Calcium Carbonateâ€“Protein Biocomposites. Crystal Growth and Design, 2013, 13, 4885-4889.	3.0	19
90	Synthesis and Characterization of Ba[CoSO]: Magnetic Complexity in the Presence of Chalcogen Ordering. Chemistry - A European Journal, 2015, 21, 10821-10828.	3.3	19

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91	LiSrN?A Three Dimensional Structural Arrangement of Corner and Edge Sharing Orthorhombic Bipyramids, NLi ₂ /2Sr ₄ /4. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 201-202.	4.4	18
92	(C ₆ H ₁₄ N ₂){Zn[ZnB ₂ P ₄ O ₁₅ (OH) ₂]}·(C ₆ H ₁₃ N ₂)Cl}:â€‰% A New Templated Zincoborophosphate. <i>Chemistry of Materials</i> , 2003, 15, 4930-4935.	6.7	18
93	(Sr ₂ N)H: Untersuchungen zur Redox-Intercalation von Wasserstoff in Sr ₂ N. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1813-1817.	1.2	18
94	Calcium Phosphateâˆ™Gelatin Nanocomposites: Bulk Preparation (Shape- and Phase-Control), Characterization, and Application as Dentine Repair Material. <i>Chemistry of Materials</i> , 2010, 22, 5137-5153.	6.7	18
95	Intergrowth and Interfacial Structure of Biomimetic Fluorapatiteâ€“Gelatin Nanocomposite: A Solid-State NMR Study. <i>Journal of Physical Chemistry B</i> , 2014, 118, 724-730.	2.6	18
96	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
97	Phase relations in Ga ₂ X ₃ -GaY ₃ systems (X=Se,Te; Y=Cl,Br,I) â€” Crystal growth, structural relations and optical absorption of intermediate compounds GaXY. <i>Materials Research Bulletin</i> , 1983, 18, 615-620.	5.2	17
98	Subhalides of tellurium. <i>Topics in Current Chemistry</i> , 1983, , 145-192.	4.0	17
99	Zn[BPO ₄ (OH) ₂]: A Zinc Borophosphate with the Rare Moganiteâ€™type Topology. <i>Chemistry - A European Journal</i> , 2008, 14, 1757-1761.	3.3	17
100	Î²â€“Ca ₃ N ₂ , a Metastable Nitride in the System Caâ€“N. <i>Chemistry - A European Journal</i> , 2009, 15, 3419-3425.	3.3	17
101	Sr ₃ [Co(CN) ₃] and Ba ₃ [Co(CN) ₃]: Crystal Structure, Chemical Bonding, and Conceptional Considerations of Highly Reduced Metalates. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9361-9364.	13.8	17
102	Phasenbeziehungen im System Schwefelâ€”Chlor sowie Kristallstrukturen von SCl ₂ und SCl ₄ [1]. / Phase Relations in the System Sulfurâ€”Chlorine and Crystal Structures of SCl ₂ and SCl ₄ . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1984, 39, 305-309.	0.7	16
103	Synthesis and crystal structure of NH ₄ [(Zn _{1-x} Co _x)BP ₂ O ₈] (0â€½xâ€½0.14), a metallo-borophosphate analogue of the zeolite gismondine. <i>Microporous and Mesoporous Materials</i> , 2000, 41, 161-167.	4.4	16
104	Synthesis and Crystal Structure of {(NH ₄) _x Co((3-x)/2)}(H ₂ O) ₂ [BP ₂ O ₈]â€Šâ€Š(1â€Š-x) H ₂ O (xâ€Š%â€Š0.5). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2002, 628, 289-294.	1.2	16
105	New Ternary Alkaline Earth Metal Cerium(IV) Nitrides: CaCeN ₂ and SrCeN ₂ 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
106	Azidoaurates of the Alkali Metals. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 1671-1680.	1.2	16
107	CsSc[B ₂ P ₃ O ₁₁ (OH) ₃]:â€‰% A New Borophosphate Oligomer Containing Boron in Three- and Fourfold Coordination. <i>Inorganic Chemistry</i> , 2007, 46, 7503-7508.	4.0	16
108	Structural complexity of hexagonal prismatic crystal specimens of fluorapatiteâ€“gelatine nanocomposites: A case study in biomimetic crystal research. <i>Crystal Research and Technology</i> , 2014, 49, 4-13.	1.3	16

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109	The Inner Structure of Human Otoconia. <i>Otology and Neurotology</i> , 2014, 35, 686-694.	1.3	16
110	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
111	Phasenbeziehungen in Systemen $\text{In}_2\text{X}_3\text{InY}_3$ sowie Strukturbeziehungen, Kristallzucht und optische Absorption von Verbindungen InXY [X = Se, Te; Y = Cl, Br, I] / Phase Relations in Systems $\text{In}_2\text{X}_3\text{InY}_3$ 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
112	$\text{Fe}[\text{B}_2\text{P}_2\text{O}_7(\text{OH})_5]$: Ein neues Boro-phosphat mit unverzweigten Vierer-Einfach Tetraederketten / $\text{Fe}[\text{B}_2\text{P}_2\text{O}_7(\text{OH})_5]$: A New Borophosphate Containing Non-Branched Tetrahedral Vierer-Einfach Chains. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1998, 53, 631-633.	0.7	15
113	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
114	$\text{Ae}[\text{Be}_2\text{N}_2]$: Nitridoberyllates of the Heavier Alkaline-Earth Metals. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1088-1092.	13.8	15
115	Resource-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
116	The Molecular and crystal structure of a 1:1-adduct of AsI_3 , 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
117	$\text{E}_3\text{Te}_3\text{Hal}$, 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
118	LiSrN – Ein dreidimensionaler Strukturverband aus ecken- und kantenverknüpften rhombischen Bipyramiden, NLi_2Sr_4 . <i>Angewandte Chemie</i> , 1989, 101, 204-204.	2.0	14
119	Oligomere Tetraeder-Anionen in Borophosphaten: Sechseringe mit offenen und cyclischen Phosphat-Verzweigungen in der Kristallstruktur von $\text{K}_6\text{Cu}_2[\text{B}_4\text{P}_8\text{O}_{28}(\text{OH})_6]$ / Oligomeric Tetrahedral Anions in Borophosphates: Six-Membered Rings with Open and Cyclic Phosphate Branchings in the Crystal Structure of $\text{K}_6\text{Cu}_2[\text{B}_4\text{P}_8\text{O}_{28}(\text{OH})_6]$. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1999, 54, 895-898.	0.7	14
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