

# Rainer PÄttgen

## List of Publications by Year in descending order

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133  
papers

2,695  
citations

201385

27  
h-index

243296

44  
g-index

138  
all docs

138  
docs citations

138  
times ranked

1496  
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	Non-innocent cyanido ligands: tetracyanidoferrate(II) as carbonyl copycat. Dalton Transactions, 2022, 51, 7811-7816.	1.6	2
3	Oxidation of europium with ammonium perfluorocarboxylates in liquid ammonia: pathways to europium(II) carboxylates and hexanuclear europium(III) fluoridocarboxylate complexes. Dalton Transactions, 2022, 51, 4814-4828.	1.6	2
4	Bis(di- <i>tert</i> -butylindenyl)tetrelocenenes. Dalton Transactions, 2022, 51, 10714-10720.	1.6	2
5	Triangular Arrangement of Ferromagnetic Iron Chains in the High- $T_{\text{C}}$ Ferromagnet $\text{TiFe}_{1-x}\text{Os}_{2+x}\text{B}_{2}$ . Chemistry - A European Journal, 2022, 28, .	1.7	2
6	On the crystal structure and optical spectroscopy of rare earth comprising quaternary tungstates $\text{Li}_{3}\text{Ba}_{2}\text{RE}_{3}(\text{WO}_{4})_{8}$ (RE = La, Nd, Sm, Ho). Dalton Transactions, 2021, 50, 9225-9235.	1.6	5
7	(Pseudo)binary Antimonides: Insights on Local Ordering and Effective Charge Configurations from $^{121}\text{Sb}$ MAS NMR and Mössbauer Spectroscopies. Journal of Physical Chemistry C, 2021, 125, 1454-1466.	1.5	2
8	Rare-Earth-Free Magnets: Enhancing Magnetic Anisotropy and Spin Exchange Toward High- $T_{\text{C}}$ $\text{Hf}_{2}\text{M}_{5}\text{B}_{2}$ ( $\text{M} = \text{Mn, Fe}$ ). Journal of the American Chemical Society, 2021, 143, 4205-4212.	6.6	11
9	Coloring variants of the $\text{Re}_{3}\text{B}$ type. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 263-274.	0.3	6
10	A europium kagome lattice in the solid solution $\text{Eu}_{3}\text{Sr}_{x}\text{Pt}_{4}\text{Zn}_{12}$ - first zinc representatives of the $\text{Gd}_{3}\text{Ru}_{4}\text{Al}_{12}$ type. Zeitschrift Fur Kristallographie - Crystalline Materials, 2021, 236, 215-223.	0.4	2
11	$\text{Eu}_{2}\text{Mg}_{2}$ ( $\text{T} = \text{Pd, Ag, Ir, Pt, Au}$ ), $\text{Eu}_{2}\text{Cd}_{2}$ ( $\text{T} = \text{Pd, Pt, Au}$ ) and $\text{CaRhMg}_{2}$ - intermetallic compounds with orthorhombically distorted tetrahedral magnesium (cadmium) substructures. Zeitschrift Fur Kristallographie - Crystalline Materials, 2021, 236, 201-214.	0.4	3
12	Curie temperature adjustment in the solid solution $\text{Gd}_{1-x}\text{Y}_{x}\text{PtMg}$ . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 503-509.	0.3	0
13	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
14	The Solid Solution $\text{Eu}_{1-x}\text{Sr}_{x}\text{AuIn}$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 286-294.	0.6	2
15	$\text{EuPtSn}_{2}$ - A Stannide with Sn 2 Dumbbells in a Three-dimensional $[\text{PtSn}_{2}]^{2-}$ Polyanion. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 106-113.	0.6	4
16	On the phosphors $\text{Na}_{5}\text{M}(\text{WO}_{4})_{4}$ (M = Y, La, Nd, Sm, Lu, Bi) - crystal structures, thermal decomposition, and optical and magnetic properties. Dalton Transactions, 2020, 49, 8209-8225.	1.6	16
17	Synthesis, electronic structure and physical properties of two new layered compounds, $\text{EuF}_{2}\text{AgSe}$ and $\text{EuF}_{2}\text{Te}$ , featuring the active redox pair $\text{Eu}^{2+}/\text{Ag}^{+}$ . Dalton Transactions, 2020, 49, 7426-7435.	1.6	2
18	$\text{Ni}[\text{B}_{2}(\text{SO}_{4})_{4}]$ and $\text{Co}[\text{B}_{2}(\text{SO}_{4})_{4}]$ : Unveiling Systematic Trends in Phyllosilicate Analogue Borosulfates. Chemistry - A European Journal, 2020, 26, 17405-17415.	1.7	12

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19	Magnetic and magnetocaloric properties of the equiatomic europium intermetallics EuAgZn, EuAgCd, EuPtZn and EuAuCd. <i>Intermetallics</i> , 2020, 120, 106765.	1.8	15
20	$\text{Eu}_{1-x}\text{Sr}_x\text{Au}_4\text{Cd}_2$ : a ferromagnetic solid solution with adjustable Curie temperature. <i>Monatshefte für Chemie</i> , 2020, 151, 861-869.	0.9	3
21	Group-subgroup schemes for $\text{MoNi}_4$ , $\text{Nb}_4\text{N}_5$ , $\text{KxFe}_2\text{ySe}_2$ , $\text{Nd}_{10}\text{Au}_3\text{As}_8\text{O}_{10}$ and $\text{CsInCl}_3$ : i5 superstructures of $\text{I}4/m$ allowing atom, charge or vacancy ordering. <i>Zeitschrift Für Kristallographie - Crystalline Materials</i> , 2020, 235, 29-39.	0.4	4
22	$\text{Eu}(\text{O}_2\text{C})_2$ : An Eu II Containing Anhydrous Coordination Polymer with High Stability and Negative Thermal Expansion. <i>Chemistry - A European Journal</i> , 2020, 26, 2726-2734.	1.7	7
23	Bonding Situation in Stannocene and Plumbocene N-Heterocyclic Carbene Complexes. <i>Organometallics</i> , 2020, 39, 516-527.	1.1	14
24	Ternary plumbides $\text{ATPb}_2$ ( $\text{A} = \text{Ca, Sr, Ba, Eu}$ ; $\text{T} = \text{Rh, Pd, Pt}$ ) with distorted, lonsdaleite-related substructures of tetrahedrally connected lead atoms. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020, 75, 903-911.	0.3	4
25	Tin and Lead Alkoxides of Ethylene Glycol and Glycerol and their Decomposition to Oxide Materials. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3820-3831.	1.0	10
26	Ternary platinides $\text{Sr}_4\text{In}_{13}\text{Pt}_9$ and $\text{Eu}_5\text{In}_9\text{Pt}_7$ . <i>Monatshefte für Chemie</i> , 2019, 150, 1163-1173.	0.9	5
27	Temperature and time dependent photoluminescence of single crystalline $\text{KEu}(\text{WO}_4)_2$ . <i>Journal of Luminescence</i> , 2019, 215, 116653.	1.5	9
28	$\text{SrPt}_3\text{In}_2$ an orthorhombically distorted coloring variant of $\text{SrIn}_5$ . <i>Dalton Transactions</i> , 2019, 48, 11411-11420.	1.6	0
29	$\text{B}$ and $\text{Y}$ solid state MAS NMR spectroscopic investigations of the layered borides $\text{YTB}_4$ ( $\text{T} = \text{Mo, W, Re}$ ). <i>Dalton Transactions</i> , 2019, 48, 1118-1128.	1.6	8
30	Oxo-Hydroxoferrate $\text{K}_2\text{Fe}_4\text{O}_7(\text{OH})$ : Hydroflux Synthesis, Chemical and Thermal Instability, Crystal and Magnetic Structures. <i>ChemistryOpen</i> , 2019, 8, 74-83.	0.9	16
31	Rare-earth solid-state NMR spectroscopy of intermetallic compounds: The case of the $^{175}\text{Lu}$ isotope. <i>Solid State Nuclear Magnetic Resonance</i> , 2019, 101, 63-67.	1.5	4
32	$\text{Sr}_4\text{Pt}_{10}\text{In}_{21}$ the first representative of the $\text{Ho}_4\text{Ni}_{10}\text{In}_{21}$ type with a divalent cation. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2019, 74, 443-449.	0.3	2
33	$\text{RE}_2[\text{B}_2(\text{SO}_4)_6]$ ( $\text{RE} = \text{Y, La, Nd, Sm, Eu}$ ) <i>Tj ETQq1 1 0.784314 rg</i> 2019, 48, 4387-4397.	1.6	27
34	Red-emitting $\text{K}_3\text{HF}_2\text{WO}_4\text{F}_4$ : $\text{Mn}^{4+}$ for application in warm-white phosphor-converted LEDs optical properties and magnetic resonance characterization. <i>Dalton Transactions</i> , 2019, 48, 5361-5371.	1.6	30
35	Diluting europium spins a magnetic and $^{151}\text{Eu}$ Mössbauer spectroscopic investigation of the solid solution $\text{Eu}_x\text{Sr}_{1-x}\text{PtIn}_2$ . <i>Dalton Transactions</i> , 2019, 48, 3648-3657.	1.6	18
36	Antiferromagnetic Alkali Metal Oxohydroxoferrates(III) with Correlated Hydrogen Bonding Systems. <i>ChemistryOpen</i> , 2019, 8, 1399-1406.	0.9	16

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37	Cu[B <sub>2</sub> (SO <sub>4</sub> ) <sub>2</sub> ] <sub>4</sub> and Cu[B(SO <sub>4</sub> ) <sub>2</sub> (HSO <sub>4</sub> )] <sub>4</sub> Two Silicate Analogue Borosulfates Differing in their Dimensionality: A Comparative Study of Stability and Acidity. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9548-9552.	7.2	28
38	Na <sub>3</sub> GaF <sub>6</sub> A crystal chemical and solid state NMR spectroscopic study. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018, 233, 479-487.	0.4	2
39	Antiferromagnetic ordering based on intermolecular London dispersion interactions in amphiphilic TEMPO ammonium salts. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 28979-28983.	1.3	5
40	Von der Laborpresse zu Spins mit riesigen Effekten. <i>Angewandte Chemie</i> , 2018, 130, 15868-15870.	1.6	2
41	Synthesis of a Cyclic Co <sub>2</sub> Sn <sub>2</sub> Cluster Using a Co <sup>+</sup> Synthon. <i>Journal of the American Chemical Society</i> , 2018, 140, 13195-13199.	6.6	19
42	From Laboratory Press to Spins with Giant Effects. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15642-15644.	7.2	8
43	Sc <sub>5</sub> Pd <sub>4</sub> Si <sub>6</sub> crystal structure and <sup>29</sup> Si/ <sup>45</sup> Sc solid state MAS NMR spectroscopic investigations. <i>Dalton Transactions</i> , 2018, 47, 13025-13031.	1.6	4
44	Ferro- or antiferromagnetism? Heisenberg chains in the crystal structures of verdazyl radicals. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22902-22908.	1.3	7
45	Ag[B(SO <sub>4</sub> ) <sub>2</sub> ] <sub>4</sub> Synthesis, Crystal Structure, and Characterization of the First Precious-Metal Borosulfate. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3981-3989.	1.0	19
46	Equiatomic intermetallic compounds RE PtMg (RE = Y, Eu, Tb-Tm, Lu) Structure and magnetism. <i>Solid State Sciences</i> , 2017, 67, 64-71.	1.5	16
47	Cooperative Magnetism in Crystalline <i>N</i> -Aryl-Substituted Verdazyl Radicals: First-Principles Predictions and Experimental Results. <i>Chemistry - A European Journal</i> , 2017, 23, 6069-6082.	1.7	12
48	Synthesis, Crystal Structure, and Magnetic Properties of Pyrochlore-Type Eu <sub>2</sub> Ta <sub>2</sub> (O,N) <sub>7+</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1824-1830.	0.6	11
49	The platinum-rich scandium silicide Sc <sub>2</sub> Pt <sub>9</sub> Si <sub>3</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2017, 72, 603-607.	0.3	1
50	<i>RE</i> <sub>3</sub> Au <sub>5</sub> Zn ( <i>RE</i> = Y, Sm, Gd-Ho) A new structure type with five- and six-membered rings as building units in a gold network. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2016, 71, 411-417.	0.3	2
51	Black-box determination of temperature-dependent susceptibilities for crystalline organic radicals with complex magnetic topologies. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 28262-28273.	1.3	10
52	Investigation of the cation valency and conductivity of antimony-substituted ceria. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 2295-2304.	1.2	9
53	High-pressure/high-temperature synthesis and characterization of the first palladium or platinum containing lithium transition-metal sulfides Li <sub>2</sub> M <sub>3</sub> S <sub>4</sub> (M=Pd, Pt). <i>Journal of Solid State Chemistry</i> , 2016, 242, 87-95.	1.4	2
54	Synthesis and characterization of amorphous mesoporous silica using TEMPO-functionalized amphiphilic templates. <i>Journal of Solid State Chemistry</i> , 2016, 237, 93-98.	1.4	7

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55	Ca <sub>4</sub> Au <sub>10</sub> Zn <sub>3</sub> – A Substitution Variant of AlB <sub>2</sub> by Incorporation of Zn <sub>3</sub> Triangles. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2174-2180.	0.6	5
56	Tuneable anisotropy and magnetism in Sn <sub>2</sub> Co <sub>3</sub> S <sub>2</sub> xSex – probed by <sup>119</sup> Sn Mössbauer spectroscopy and DFT studies. Dalton Transactions, 2015, 44, 15855-15864.	1.6	19
57	Silicon Ordering in RE <sub>3</sub> Rh <sub>9</sub> Si <sub>2</sub> Sn <sub>3</sub> (RE = Ti, Zr, Hf, U) Tj ETQq1 1 0.78431 0.6	0.6	10
58	Half Antiperovskites VI: On the Substitution Effects in Shandites In <sub>x</sub> Sn <sub>2</sub> xCo <sub>3</sub> S <sub>2</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 286-294.	0.6	21
59	Insight into the Li Ion Dynamics in Li <sub>12</sub> Si <sub>7</sub> : Combining Field Gradient Nuclear Magnetic Resonance, One- and Two-Dimensional Magic-Angle Spinning Nuclear Magnetic Resonance, and Nuclear Magnetic Resonance Relaxometry. Journal of Physical Chemistry C, 2014, 118, 28350-28360.	1.5	23
60	The Gallium Intermetallics REPdGa <sub>3</sub> (RE=La, Ce, Pr, Nd, Sm, Eu) with SrPdGa <sub>3</sub> -type Structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 1105-1118.	0.3	30
61	Coloring, Distortions, and Puckering in Selected Intermetallic Structures from the Perspective of Group-Subgroup Relations. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 869-891.	0.6	110
62	Sr <sub>2</sub> Au <sub>6</sub> Al <sub>3</sub> and Eu <sub>2</sub> Au <sub>6</sub> Al <sub>3</sub> – First Representatives of the Sr <sub>2</sub> Au <sub>6</sub> Zn <sub>3</sub> Type with Aluminum Triangles. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 121-124.	0.3	27
63	RE <sub>6</sub> Pd <sub>13</sub> Zn <sub>4</sub> (RE = La, Nd, Sm, Gd, Tb) – New Palladium-rich Phases with Pd@RE <sub>6</sub> Octahedra in bcc Packing. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2747-2752.	0.6	9
64	Intermetallic Compounds with Multiple Yttrium Sites - An <sup>89</sup> Y Solid State NMR Spectroscopic Study. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1303-1308.	0.6	8
65	LiEuMo <sub>2</sub> O <sub>8</sub> – crystal growth, structure, and optical properties. Optical Materials, 2014, 36, 585-590.	1.7	10
66	Europium Phosphate, Europium Arsenate, and Europium Antimonate – Correlation of Crystal Structure and Physical Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2139-2148.	0.6	10
67	New Rhodium-rich Germanides RERh <sub>6</sub> Ge <sub>4</sub> (RE = Y, La, Pr, Nd, Sm-Lu). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2623-2630.	0.6	14
68	Magnetic hyperfine field splitting in EuAg <sub>4</sub> As <sub>2</sub> and EuAg <sub>4</sub> Sb <sub>2</sub> . Solid State Sciences, 2013, 20, 65-69.	1.5	10
69	Infinite Linear Zinc Chains in AAu <sub>4</sub> Zn <sub>2</sub> (A = Ca, Ce, Pr, Nd) with YbAl <sub>4</sub> Mo <sub>2</sub> Type Structure. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2575-2580.	0.6	19
70	The Solid Solutions (Ce <sub>1-x</sub> La <sub>x</sub> )RuSn. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 1279-1287.	0.3	3
71	Zn <sub>3</sub> and Ga <sub>3</sub> Triangles as Building Units in Sr <sub>2</sub> Au <sub>6</sub> Zn <sub>3</sub> and Sr <sub>2</sub> Au <sub>6</sub> Ga <sub>3</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2444-2449.	0.6	27
72	Magnesium and Cadmium in Covalently Bonded Lonsdaleite Networks: Synthesis, Structure, and Bonding of Mg <sub>2</sub> and SrT <sub>2</sub> Cd <sub>2</sub> (AE = Ca, Sr; T = Pd,) Tj ETQq0 0 rg BT5/Overlock	0.6	15

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73	Structure and Chemical Bonding of ScNiB <sub>4</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 2071-2076.	0.6	9
74	Cerium Valence Change in the Solid Solutions Ce(Rh <sub>1-x</sub> Ru <sub>x</sub> )Sn. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 960-970.	0.3	15
75	Redox-Active, Dinuclear Sandwich Compounds [Cp*Fe(1/4L)FeCp*] (L = Naphthalene and Anthracene). European Journal of Inorganic Chemistry, 2012, 2012, 1632-1638.	1.0	12
76	YPdSn and YPd <sub>2</sub> Sn: Structure, 89Y solid state NMR and 119Sn Mössbauer spectroscopy. Journal of Solid State Chemistry, 2012, 190, 216-220.	1.4	18
77	45Sc Solid State NMR studies of the silicides ScT <sub>3</sub> (T=Co, Ni, Cu, Ru, Rh, Pd, Ir, Pt). Journal of Solid State Chemistry, 2011, 184, 3303-3309.	1.4	31
78	Sc <sub>2</sub> (MoO <sub>4</sub> ) <sub>3</sub> and Sc <sub>2</sub> (WO <sub>4</sub> ) <sub>3</sub> : Halide Flux Growth of Single Crystals and 45Sc Solid-state NMR. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 13-17.	0.3	12
79	PbO / PbF <sub>2</sub> Flux Growth of YScO <sub>3</sub> and LaScO <sub>3</sub> Single Crystals - Structure and Solid-State NMR Spectroscopy. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 1199-1205.	0.3	19
80	<sup>151</sup> Eu Mössbauer Spectroscopic Characterization of EuRu <sub>4</sub> B <sub>4</sub> and the New Boride EuRu <sub>4</sub> B <sub>4</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 90-94.	0.3	9
81	Ternary Silicides Sc <sub>3</sub> T <sub>3</sub> Si <sub>3</sub> (T = Ru, Rh, Ir, Pt) - Structure, Chemical Bonding, and Solid State NMR. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1839-1850.	0.6	13
82	A Study on AB <sub>2</sub> O <sub>6</sub> Compounds: Part I, Synthesis, Structure, Magnetic Properties and <sup>151</sup> Eu Mössbauer Spectroscopic Data of EuNb <sub>2</sub> O <sub>6</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1069-1073.	0.6	3
83	Sc <sub>4</sub> Pt <sub>7</sub> Si <sub>2</sub> - An Intergrowth Structure of ScPtSi and ScPt Related Slabs. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 972-976.	0.6	19
84	MOFs by Transformation of 1D Coordination Polymers II: The Homoleptic Divalent Rare Earth 3D Benzotriazolate $m^3_{\infty}[\text{Eu}(\text{Btz})_2]$ Initiating from $m^1_{\infty}[\text{Eu}(\text{Btz})_2(\text{BtzH})_2]$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 1720-1725.	0.6	12
85	<sup>155</sup> Gd Mössbauer Spectroscopy on Intermetallics - An Overview. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2244-2255.	0.6	13
86	<sup>45</sup> Sc Solid State NMR Spectroscopy - A Complementary Tool to X-ray Crystallography for Structure Determination of Intermetallic Compounds. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2010, 636, 2232-2243.	0.6	38
87	Large reversible magnetocaloric effect due to a rather unstable antiferromagnetic ground state in Er <sub>4</sub> NiCd. Journal of Applied Physics, 2010, 108, 113919.	1.1	35
88	The solid solution Gd <sub>2</sub> Ni <sub>x</sub> Cu <sub>2-2x</sub> Mg: Large reversible magnetocaloric effect and a drastic change of the magnetism by substitution. Journal of Applied Physics, 2010, 108, 043903.	1.1	11
89	Nickel-deficient Stannides Eu <sub>2</sub> Ni <sub>2-x</sub> Sn <sub>5</sub> - Structure, Magnetic Properties, and Mössbauer Spectroscopic Characterization. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 1107-1114.	0.3	7
90	Drastic Decrease of the Curie Temperature in the Solid Solution GdRu <sub>x</sub> Cd <sub>1-x</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 356-360.	0.3	8

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91	Synthesis, Crystal Structure and Magnetic Properties of Bixbyite-type Vanadium Oxide Nitrides. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 281-286.	0.3	21
92	Unusually Short Ce-Ru Distances in CeRuAl and Related Compounds. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 901-908.	0.3	44
93	Magnetic Ordering in CeZnGe. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 361-364.	0.3	6
94	Structure and Magnetic Properties of GdPt <sub>2</sub> In and GdPt <sub>2</sub> Sn. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 170-174.	0.3	7
95	Structure and properties of Ce <sub>3</sub> Pd <sub>3</sub> Bi <sub>4</sub> , CePdBi, and CePd <sub>2</sub> Zn <sub>3</sub> . Monatshefte Für Chemie, 2008, 139, 1143-1149.	0.9	16
96	Pnictide Oxides: A New Class of High-T <sub>C</sub> Superconductors. Angewandte Chemie - International Edition, 2008, 47, 4782-4784.	7.2	78
97	Materials with ZrCuSiAs-type Structure. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2008, 63, 1135-1148.	0.3	187
98	Synthesis and Structure of Sr <sub>2</sub> Pd <sub>2</sub> In and Sr <sub>2</sub> Pt <sub>2</sub> In. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 1563-1566.	0.3	14
99	Structural Investigation of ScAuSi and ScAuGe using 45Sc Solid State NMR. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 173-176.	0.3	15
100	Structure, Magnetic Properties and <sup>151</sup> Eu, <sup>119</sup> Sn Mössbauer Spectroscopy of Eu <sub>5</sub> Sn <sub>3</sub> S <sub>12</sub> and Eu <sub>4</sub> LuSn <sub>3</sub> S <sub>12</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 5-14.	0.3	9
101	New Stannide ScAgSn: Determination of the Superstructure via Two-Dimensional 45Sc Solid State NMR. Inorganic Chemistry, 2007, 46, 771-779.	1.9	43
102	Structure and Properties of <sup>1±</sup> - and <sup>1²</sup> -CeCuSn: A Single Crystal and Mössbauer Spectroscopic Investigation. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 647-657.	0.3	18
103	New Indium-rich Indides SrTIn <sub>4</sub> (T = Ni, Pd, Pt). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2007, 62, 1407-1410.	0.3	12
104	The Stannides YNi <sub>x</sub> Sn <sub>2</sub> (x = 0, 0.14, 0.21, 1) - Syntheses, Structure, and 119Sn Mössbauer Spectroscopy. Monatshefte Für Chemie, 2007, 138, 381-388.	0.9	7
105	Ferromagnetic Ordering in the Thallide EuPdTi <sub>2</sub> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2006, 61, 159-163.	0.3	7
106	Structural, magnetic, and spectroscopic studies of YAgSn, TmAgSn, and LuAgSn. Journal of Solid State Chemistry, 2006, 179, 2376-2385.	1.4	33
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