

# Volodymyr Smetana

## List of Publications by Year in descending order

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111  
papers

1,244  
citations

448610

19  
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26  
g-index

138  
all docs

138  
docs citations

138  
times ranked

1066  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lanthanide-based complexes as efficient physiological temperature sensors. <i>Materials Chemistry and Physics</i> , 2022, 277, 125424.	2.0	14
2	Accessing Lanthanide Tricyanomethanide Coordination Polymers Using Ionic Liquids. <i>Crystal Growth and Design</i> , 2022, 22, 2372-2381.	1.4	5
3	Investigation in the ternary Ta-Ni-P system: Solid state phase equilibria at T=1070ÅK, crystal and electronic structures of new ternary phosphides. <i>Journal of Alloys and Compounds</i> , 2021, 864, 158122.	2.8	3
4	Sandwiched Kagom� Lattices in a Coordination Polymer Based on Mixed-Valent Uranium. <i>Crystal Growth and Design</i> , 2021, 21, 1727-1733.	1.4	2
5	Developing design tools for introducing and tuning structural order in ionic liquids. <i>CrystEngComm</i> , 2021, 23, 1785-1795.	1.3	9
6	Anhydrous vs Hydrated f-Element Acetate Polymers Dictated by the Stoichiometry of Protic Acidic/Basic Azole Mixtures. <i>Crystal Growth and Design</i> , 2021, 21, 2516-2525.	1.4	5
7	Ionic Liquid-Based Dye-Sensitized Solar Cells� Insights into Electrolyte and Redox Mediator Design. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8107-8114.	3.2	22
8	Ready Access to Anhydrous Anionic Lanthanide Acetates by Using Imidazolium Acetate Ionic Liquids as the Reaction Medium. <i>Chemistry - A European Journal</i> , 2021, 27, 13181-13189.	1.7	7
9	Suppression of antiferromagnetic order and strong ferromagnetic spin fluctuations in Ca(Co1�xNi)x2�yAs2 single crystals. <i>Physical Review B</i> , 2021, 104, .	1.1	0
10	New intermetallics R1+xZr1�xNi (R = Er�Tm, x ~ 0.5) with the TiNiSi type of structure. <i>Intermetallics</i> , 2021, 137, 107279.	1.8	0
11	Crystal and electronic structures of the new ternary silicide Sc12Co41.8Si30.2. <i>Journal of Solid State Chemistry</i> , 2021, 302, 122373.	1.4	2
12	Structural analysis of mono-substituted N-butyl-pyridinium salts: in search of ionic liquids. <i>Journal of Coordination Chemistry</i> , 2021, 74, 117-128.	0.8	2
13	The Power of Ionic Liquids: Crystal Facet Engineering of SrTiO3 Nanoparticles for Tailored Photocatalytic Applications. <i>Advanced Sustainable Systems</i> , 2021, 5, 2000180.	2.7	10
14	Short-range ferromagnetic order due to Ir substitutions in single-crystalline Ba(Co1�x Ir x)2As2 (0 � 1/2 x � 1/2). <i>Journal of Applied Physics</i> , 2021, 124, 074101.	0.7	2
15	Crystal and Magnetic Structures of the Ternary Ho2Ni0.8Si1.2 and Ho2Ni0.8Ge1.2 Compounds: An Example of Intermetallics Crystallizing with the Zr2Ni1�xP Prototype. <i>Inorganic Chemistry</i> , 2021, 60, 16397-16408.	1.9	0
16	First-order antiferromagnetic transitions of SrMn2P2 and CaMn2P2 single crystals containing corrugated-honeycomb Mn sublattices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	8
17	Shape Preserving Single Crystal to Amorphous to Single Crystal Polymorphic Transformation Is Possible. <i>Journal of the American Chemical Society</i> , 2021, 143, 20202-20206.	6.6	0
18	Magnetic, Photo- and Electroluminescent: Multifunctional Ionic Tb Complexes. <i>Inorganic Chemistry</i> , 2021, 60, 17487-17497.	1.9	5

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19	Photoisomerization and Mesophase Formation in Azo-Ionic Liquids. <i>Crystal Growth and Design</i> , 2020, 20, 214-225.	1.4	9
20	New cation-disordered quaternary selenides $Tl_2Ga_2TtSe_6$ (Tt=Ge, Sn). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020, 75, 135-142.	0.3	5
21	Synthesis of Anhydrous Acetates for the Components of Nuclear Fuel Recycling in Dialkylimidazolium Acetate Ionic Liquids. <i>Inorganic Chemistry</i> , 2020, 59, 818-828.	1.9	14
22	Structural Consequences of Halogen Bonding in Dialkylimidazolium: A New Design Strategy for Ionic Liquids Illustrated with the $I_2$ Cocrystal and Acetonitrile Solvate of 1,3-Dimethylimidazolium Iodide. <i>Crystal Growth and Design</i> , 2020, 20, 498-505.	1.4	4
23	Binary Intermetallics in the 70 atom % R Region of Two $R-Pd$ Systems (R = Tb and Er): Hidden, Obscured, or Nonexistent?. <i>Inorganic Chemistry</i> , 2020, 59, 10802-10812.	1.9	5
24	Crystallographic evidence of Watson-Crick connectivity in the base pair of anionic adenine with thymine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 18224-18230.	3.3	6
25	Rationally designed rare earth separation by selective oxalate solubilization. <i>Chemical Communications</i> , 2020, 56, 11386-11389.	2.2	20
26	Fluorinated Cationic Iridium(III) Complex Yielding an Exceptional, Efficient, and Long-Lived Red-Light-Emitting Electrochemical Cell. <i>ACS Applied Energy Materials</i> , 2020, 3, 9271-9277.	2.5	10
27	A soft chemistry approach to the synthesis of single crystalline and highly pure $(NH_4)CoF_3$ for optical and magnetic investigations. <i>Journal of Chemical Physics</i> , 2020, 153, 104501.	1.2	1
28	Green Light-Emitting Electrochemical Cells: Efficient and Long Lived Green Light-Emitting Electrochemical Cells ( <i>Adv. Funct. Mater.</i> 33/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070225.	7.8	0
29	Forcing Dicyanamide Coordination to f-Elements by Dissolution in Dicyanamide-Based Ionic Liquids. <i>Inorganic Chemistry</i> , 2020, 59, 7227-7237.	1.9	19
30	Ternary Polar Intermetallics within the Pt/Sn/R Systems (R = La-Sm): Stannides or Platinides?. <i>Inorganic Chemistry</i> , 2020, 59, 7352-7359.	1.9	5
31	Efficient and Long Lived Green Light-Emitting Electrochemical Cells. <i>Advanced Functional Materials</i> , 2020, 30, 1909809.	7.8	20
32	Benchtop access to anhydrous actinide N-donor coordination complexes using ionic liquids. <i>Chemical Communications</i> , 2020, 56, 4232-4235.	2.2	12
33	Ferromagnetic cluster-glass phase in $Ca(Co_{1-x}Ir_x)_2As_2$ crystals. <i>Physical Review B</i> , 2020, 102, .	1.1	12
34	Dehydration of $UO_2Cl_2 \cdot 3H_2O$ and $Nd(NO_3)_3 \cdot 6H_2O$ with a Soft Donor Ligand and Comparison of Their Interactions through X-ray Diffraction and Theoretical Investigation. <i>Inorganic Chemistry</i> , 2020, 59, 2861-2869.	1.9	8
35	Metallic alloys at the edge of complexity: structural aspects, chemical bonding and physical properties*. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 243002.	0.7	24
36	A fivefold $UO_{22+}$ node is a path to dodecagonal quasicrystal approximants in coordination polymers. <i>Science Advances</i> , 2020, 6, eaay7685.	4.7	11

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37	Magnetic phase transitions in Eu <sub>1-x</sub> Y <sub>x</sub> (0 ≤ x ≤ 1). <i>Physical Review Letters</i> , 2019, 123, 075701.	0.9	10
38	Elucidating structure-property relationships in imidazolium-based halide ionic liquids: crystal structures and thermal behavior. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020, 235, 365-374.	0.4	2
39	Alternative to the Popular Imidazolium Ionic Liquids: 1,2,4-Triazolium Ionic Liquids with Enhanced Thermal and Chemical Stability. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15995-16006.	3.2	20
40	Ionothermal Synthesis Enables Access to 3D Open Framework Manganese Phosphates Containing Extra-Large 18-Ring Channels. <i>Chemistry of Materials</i> , 2019, 31, 7329-7339.	3.2	13
41	Stability, Crystal Chemistry, and Magnetism of U <sub>2-x</sub> Ni <sub>21-x</sub> B <sub>6</sub> and Nb <sub>3-y</sub> Ni <sub>20+y</sub> B <sub>6</sub> and the Role of Uranium in the Formation of the Quaternary U <sub>2-z</sub> Nb <sub>z</sub> Ni <sub>21</sub> B <sub>6</sub> and U <sub>1</sub> Nb <sub>3-γ</sub> Ni <sub>20</sub> B <sub>6</sub> Systems. <i>Inorganic Chemistry</i> , 2019, 58, 15045-15059.	1.9	0
42	Ionothermal Synthesis, Structures, and Magnetism of Three New Open Framework Iron Halide-Phosphates. <i>Inorganic Chemistry</i> , 2019, 58, 13203-13212.	1.9	11
43	Active-Transition-Metal Tellurides: Through Crystal Structures to Physical Properties. <i>Crystal Growth and Design</i> , 2019, 19, 5429-5440.	1.4	3
44	Helical antiferromagnetic ordering in EuNi <sub>1-x</sub> Mn <sub>x</sub> single crystals. <i>Physical Review B</i> , 2019, 100, .	1.9	16
45	Non-Fermi-liquid types of behavior associated with a magnetic quantum critical point in Sr <sub>1-x</sub> Co <sub>x</sub> (0 < x < 1). <i>Physical Review B</i> , 2019, 100, .	1.9	16
46	Anomalous effects of Sc substitution and processing on magnetism and structure of (Gd <sub>1-x</sub> Sc <sub>x</sub> ) <sub>5</sub> Ge <sub>4</sub> . <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 482-492.	1.0	3
47	Enhanced moments of Eu in single crystals of the metallic helical antiferromagnet EuCo <sub>1-x</sub> Mn <sub>x</sub> . <i>Physical Review B</i> , 2018, 97, .	1.9	21
48	R <sub>14</sub> (Au, M) <sub>51</sub> (R = Y, La-Nd, Sm-Tb, Ho, Er, Yb, Lu; M = Al, Ga, Ge, In, Sn, Sb, Bi): Stability Ranges and Site Preference in the Gd <sub>14</sub> Ag <sub>51</sub> Structure Type. <i>Crystal Growth and Design</i> , 2018, 18, 993-1001.	1.4	3
49	Antiferromagnetism in semiconducting SrMn <sub>2</sub> and BaMn <sub>2</sub> crystals. <i>Physical Review B</i> , 2018, 97, .	1.4	24
50	Controlling magnetism via transition metal exchange in the series of intermetallics Eu(T <sub>1</sub> ,T <sub>2</sub> ) <sub>5</sub> In (T = Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2.97 1	2.97	1
51	Bringing order to large-scale disordered complex metal alloys: Gd <sub>2</sub> Au <sub>15-x</sub> Sbx and BaAuxGa <sub>12-x</sub> . <i>CrystEngComm</i> , 2018, 20, 348-355.	1.3	1
52	Supramolecularly Caged Green-Emitting Ionic Ir(III)-Based Complex with Fluorinated C <sup>N</sup> Ligands and Its Application in Light-Emitting Electrochemical Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 11026-11036.	4.0	13
53	Tb <sub>3</sub> Pd <sub>2</sub> , Er <sub>3</sub> Pd <sub>2</sub> and Er <sub>6</sub> Co <sub>5</sub> : structural variations and bonding in rare-earth-richer binary intermetallics. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018, 74, 991-996.	0.2	2
54	An Obscured or Nonexistent Binary Intermetallic, Co <sub>7</sub> Pr <sub>17</sub> , Its Existent Neighbor Co <sub>2</sub> Pr <sub>5</sub> , and Two New Ternaries in the System Co/Sn/Pr, Co <sub>3</sub> Sn <sub>3</sub> Pr <sub>1</sub> and Co <sub>2</sub> Sn <sub>7</sub> Pr <sub>3</sub> . <i>Crystal Growth and Design</i> , 2018, 18, 6273-6283.	1.4	5

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55	From the Nonexistent Polar Intermetallic Pt <sub>3</sub> Pr <sub>4</sub> via Pt <sub>2</sub> Pr <sub>3</sub> to Pt/Sn/Pr Ternaries. <i>Inorganic Chemistry</i> , 2018, 57, 9949-9961.	1.9	10
56	Magnetocaloric Behavior in Ternary Europium Indides EuT <sub>5</sub> In: Probing the Design Capability of First-Principles-Based Methods on the Multifaceted Magnetic Materials. <i>Chemistry of Materials</i> , 2017, 29, 2599-2614.	3.2	29
57	EuNi <sub>5</sub> InH <sub>1.5x</sub> (x = 0–1.5): hydrogen induced structural and magnetic transitions. <i>Journal of Materials Chemistry C</i> , 2017, 5, 2994-3006.	2.7	10
58	R <sub>3</sub> Au <sub>9</sub> Pn (R = Y, Gd–Tm; Pn = Sb, Bi): A Link between Cu <sub>10</sub> Sn <sub>3</sub> and Gd <sub>14</sub> Ag <sub>51</sub> . <i>Inorganic Chemistry</i> , 2017, 56, 7247-7256.	1.9	10
59	Layered Structures and Disordered Polyanionic Nets in the Cation-Poor Polar Intermetallics CsAu <sub>1.4</sub> Ga <sub>2.8</sub> and CsAu <sub>2</sub> Ga <sub>2.6</sub> . <i>Crystal Growth and Design</i> , 2017, 17, 693-700.	1.4	4
60	Breaking the paradigm: record quindecim charged magnetic ionic liquids. <i>Materials Horizons</i> , 2017, 4, 217-221.	6.4	20
61	Green-yellow emitting hybrid light emitting electrochemical cell. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12062-12068.	2.7	18
62	Open-Framework Manganese(II) and Cobalt(II) Borophosphates with Helical Chains: Structures, Magnetic, and Luminescent Properties. <i>Inorganic Chemistry</i> , 2017, 56, 11104-11112.	1.9	17
63	Gold Polar Intermetallics: Structural Versatility through Exclusive Bonding Motifs. <i>Accounts of Chemical Research</i> , 2017, 50, 2633-2641.	7.6	27
64	Anomalous Composition-Induced Crossover in the Magnetic Properties of the Itinerant-Electron Antiferromagnet Ca <sub>1-x</sub> Sr <sub>x</sub> Co <sub>2</sub> As <sub>2</sub> . <i>Physical Review Letters</i> , 2017, 119, 257203.	2.9	13
65	Crystal structures and new perspectives on Y <sub>3</sub> Au <sub>4</sub> and Y <sub>14</sub> Au <sub>51</sub> . <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 692-696.	0.2	8
66	Caesiumplatinidhydrid, 4%Cs <sub>2</sub> Pt...CsH: ein intermetallisches Doppelsalz mit Metallanionen. <i>Angewandte Chemie</i> , 2016, 128, 15059-15062.	1.6	0
67	New R <sub>3</sub> Pd <sub>5</sub> Compounds (R = Sc, Y, Gd–Lu): Formation and Stability, Crystal Structure, and Antiferromagnetism. <i>Crystal Growth and Design</i> , 2016, 16, 6001-6015.	1.4	8
68	Titelbild: Caesiumplatinidhydrid, 4%Cs <sub>2</sub> Pt...CsH: ein intermetallisches Doppelsalz mit Metallanionen (Angew. Chem. 47/2016). <i>Angewandte Chemie</i> , 2016, 128, 14687-14687.	1.6	0
69	Gold in the Layered Structures of R <sub>3</sub> Au <sub>7</sub> Sn <sub>3</sub> : From Relativity to Versatility. <i>Crystal Growth and Design</i> , 2016, 16, 5657-5668.	1.4	18
70	Cesium Platinide Hydride 4Cs <sub>2</sub> Pt...CsH: An Intermetallic Double Salt Featuring Metal Anions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14838-14841.	7.2	14
71	Gd <sub>3</sub> Ni <sub>2</sub> and Gd <sub>3</sub> Co <sub>x</sub> Ni <sub>2x</sub> : magnetism and unexpected Co/Ni crystallographic ordering. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6078-6089.	2.7	22
72	Synthesis, Crystal Structure, and TEM Analysis of Sr <sub>19</sub> Li <sub>44</sub> and Sr <sub>3</sub> Li <sub>2</sub> : A Reinvestigation of the Sr–Li Phase Diagram. <i>Inorganic Chemistry</i> , 2015, 54, 733-739.	1.9	6

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73	Gold-rich $R_{3}Au_{7}Sn_{3}$ : establishing the interdependence between electronic features and physical properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 8311-8321.	2.7	20
74	Cation-Poor Complex Metallic Alloys in Ba(Eu)AuAl(Ga) Systems: Identifying the Keys that Control Structural Arrangements and Atom Distributions at the Atomic Level. <i>Inorganic Chemistry</i> , 2015, 54, 10296-10308.	1.9	30
75	Crystal Structure and Bonding in $BaAu_{5}Ga_{2}$ and $AeAu_{4+x}Ga_{3-x}$ (Ae = Ba and Eu): Hexagonal Diamond-Type Au Frameworks and Remarkable Cation/Anion Partitioning in the AeAuGa Systems. <i>Inorganic Chemistry</i> , 2015, 54, 1010-1018.	1.9	21
76	Complex Polyanionic Nets in $RbAu_{4.01(2)}Ga_{8.64(5)}$ and $CsAu_{5}Ga_{9}$ : The Role of Cations in the Formation of New Polar Intermetallics. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014, 640, 790-796.	0.6	9
77	Diterbium heptanickel: a crystal structure redetermination. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, i42-i42.	0.2	0
78	MgAuGa and MgAu <sub>2</sub> Ga: first representatives of the MgAuGa system. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 355-358.	0.2	1
79	The crystal structure and magnetic properties of $Pr_{117}Co_{56.7}Ge_{112}$ . <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	7
80	Polyclusters and Substitution Effects in the NaAuGa System: Remarkable Sodium Bonding Characteristics in Polar Intermetallics. <i>Inorganic Chemistry</i> , 2013, 52, 12502-12510.	1.9	25
81	Structural disorder and magnetism in rare-earth (R) $R_{117}Co_{54+x}Sn_{112-y}$ . <i>Journal of Alloys and Compounds</i> , 2013, 557, 252-260.	2.8	15
82	$Na_{8}Au_{9.8(4)}Ga_{7.2}$ and $Na_{17}Au_{5.87(2)}Ga_{46.63}$ : The diversity of pseudo 5-fold symmetries in the NaAuGa system. <i>Journal of Solid State Chemistry</i> , 2013, 207, 21-28.	1.4	22
83	Crystal structure, magnetic properties, and the magnetocaloric effect of $Gd_{5}Rh_{4}$ and $GdRh$ . <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	5
84	Intermetallic $NaAu_{2}$ as a Heterogeneous Catalyst for Low-Temperature CO Oxidation. <i>Journal of the American Chemical Society</i> , 2013, 135, 9592-9595.	6.6	46
85	Gold's Structural Versatility within Complex Intermetallics: From Hume-Rothery to Zintl and even Quasicrystals. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1517, 1.	0.1	5
86	Redetermination of $Dy_{3}Ni$ from single-crystal X-ray data. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, i80-i80.	0.2	1
87	Crystal structure of $Tb_{5}Ni_{2}In_{4}$ and $Y_{5}Ni_{2}In_{4}$ , and magnetic properties of $Dy_{5}Ni_{2}In_{4}$ . <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	11
88	Didysprosium heptanickel. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, i20-i20.	0.2	3
89	Redetermination of dysprosium trinickel from single-crystal X-ray data. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, i83-i83.	0.2	3
90	Å¼cktitelbild: A Sodium-Containing Quasicrystal: Using Gold To Enhance Sodium's Covalency in Intermetallic Compounds ( <i>Angew. Chem.</i> 51/2012). <i>Angewandte Chemie</i> , 2012, 124, 13072-13072.	1.6	0

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91	A Sodium-Containing Quasicrystal: Using Gold To Enhance Sodium's Covalency in Intermetallic Compounds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12699-12702.	7.2	42
92	Four Polyanionic Compounds in the Au-Ga System: A Case Study in Exploratory Synthesis and of the Art of Structural Analysis. <i>Inorganic Chemistry</i> , 2012, 51, 1695-1702.	1.9	36
93	Three Alkali-Metal-Gold-Gallium Systems. Ternary Tunnel Structures and Some Problems with Poorly Ordered Cations. <i>Inorganic Chemistry</i> , 2012, 51, 7711-7721.	1.9	40
94	Conventional and Stuffed Bergman-Type Phases in the Na-Au-T (T = Ga, Ge, Sn) Systems: Syntheses, Structures, Coloring of Cluster Centers, and Fermi Sphere-Brillouin Zone Interactions. <i>Inorganic Chemistry</i> , 2012, 51, 8882-8889.	1.9	30
95	A new rhombohedral modification of EuNi <sub>5</sub> In. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011, 67, i42-i44.	0.4	3
96	Intermetallic and metal-rich phases in the system Li-Ba-In. <i>Journal of Solid State Chemistry</i> , 2010, 183, 1767-1775.	1.4	13
97	Electron Microscopy Investigations on Highly Beam and Moisture Sensitive Samples - the System Li/Ba/Ca. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 325-330.	0.6	2
98	Synthesis and Crystal Structure of Barium Indide Ba <sub>9</sub> In <sub>4</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2010, 65, 643-645.	0.3	5
99	LixNayBa <sub>14</sub> LiN <sub>6</sub> : New Representatives of the Subnitride Family. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 629-632.	0.6	7
100	Darstellung und Kristallstruktur der Phasen Li <sub>26</sub> Na <sub>58</sub> Ba <sub>38</sub> E <sub>x</sub> (E = N, H; x = 0 - 1). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 849-852.	0.6	7
101	Double-Icosahedral Li Clusters in a New Binary Compound Ba <sub>19</sub> Li <sub>44</sub> : A Reinvestigation of the Ba-Li Phase Diagram. <i>Inorganic Chemistry</i> , 2007, 46, 5425-5428.	1.9	19
102	Icosahedral Li clusters in the structures of Li <sub>33.3</sub> Ba <sub>13.1</sub> Ca <sub>3</sub> and Li <sub>18.9</sub> Na <sub>8.3</sub> Ba <sub>15.3</sub> . <i>Journal of Solid State Chemistry</i> , 2007, 180, 3302-3309.	1.4	19
103	Synthesis and Crystal Structure of the New Quaternary Subnitride Na <sub>15</sub> Li <sub>8</sub> Ba <sub>12</sub> N <sub>6</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007, 633, 2296-2299.	0.6	10
104	Synthesis and crystal structure of LiBa <sub>2</sub> N and identification of LiBa <sub>3</sub> N. <i>Journal of Solid State Chemistry</i> , 2007, 180, 1889-1893.	1.4	19
105	Li <sub>80</sub> Ba <sub>39</sub> N <sub>9</sub> : The First Li/Ba Subnitride. <i>Inorganic Chemistry</i> , 2006, 45, 10786-10789.	1.9	24
106	Refinement of the crystal structure of barium tetralithium, BaLi <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006, 221, 434.	0.1	2
107	Refinement of the crystal structure of barium tetralithium, BaLi <sub>4</sub> . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2006, 221, 434.	0.1	1
108	Phase relations in the Pr-Fe-Sb and Pr-Co-Sb systems. <i>Inorganic Materials</i> , 2006, 42, 503-507.	0.2	11

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109	Li <sub>26</sub> Clusters in the Compound Li <sub>13</sub> Na <sub>29</sub> Ba <sub>19</sub> . <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6051-6053.	7.2	22
110	Phase equilibria and crystal structures of the compounds in the Pr–Ni–Sb system at 870K. <i>Journal of Alloys and Compounds</i> , 2005, 400, 100-105.	2.8	7
111	From a Dense Structure to Open Frameworks: The Structural Plethora of Alkali Metal Iron Fluorophosphates. <i>Inorganic Chemistry</i> , 0, , .	1.9	2