

Michael Ruck

List of Publications by Year in descending order

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294
papers

6,212
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87401

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all docs

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docs citations

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times ranked

5564
citing authors

#	ARTICLE	IF	CITATIONS
1	Ionothermal Synthesis of Sulfidobismuth $\langle i \rangle$ spiro $\langle /i \rangle$ $\hat{=}$ Cubane Cations. ChemistryOpen, 2022, 11, .	0.9	1
2	Exploration of metal sulfide syntheses and the dissolution process of antimony sulfide in phosphonium-based ionic liquids. Dalton Transactions, 2022, 51, 4079-4086.	1.6	0
3	Coexistence of Tellurium Cations and Anions in Phosphonium-Based Ionic Liquids. Chemistry - A European Journal, 2022, 28, .	1.7	6
4	Non-innocent cyanido ligands: tetracyanidoferrate($\hat{=}$ $\langle scp \rangle$ ii $\langle /scp \rangle$) as carbonyl copycat. Dalton Transactions, 2022, 51, 7811-7816.	1.6	2
5	The Layered Semiconductor Cu(Sb ₂ S ₃)[AlCl ₄]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	2
6	Orthoperiodato Rhodium(III) Complex as a Possible Key to Catalytic Oxidation of Organic Dyes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	3
7	Cooperative Assembly of 2D-MOF Nanoplatelets into Hierarchical Carpets and Tubular Superstructures for Advanced Air Filtration. Angewandte Chemie - International Edition, 2022, , .	7.2	2
8	A superior kinetics rechargeable zinc-air battery derived from efficient electroseparation of zinc, lead and copper in concentrated solutions. ChemSusChem, 2022, , .	3.6	5
9	An unusual member of the solid solution series between cristobalite and potassium ferrate(III) obtained from hydroflux. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2022, .	0.3	2
10	Cooperative Assembly of 2D-MOF Nanoplatelets into Hierarchical Carpets and Tubular Superstructures for Advanced Air Filtration. Angewandte Chemie, 2022, 134, .	1.6	1
11	Design of High-Temperature Syntheses on the Example of the Heavy-Atom Cluster Compound Sn[PtBi ₆ I ₁₂]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	0.6	1
12	Crystal structure of potassium orthoselenate(IV), K ₂ SeO ₃ . Acta Crystallographica Section E: Crystallographic Communications, 2022, 78, 615-618.	0.2	2
13	Strong and Weak 3D Topological Insulators Probed by Surface Science Methods. Physica Status Solidi (B): Basic Research, 2021, 258, 2000060.	0.7	2
14	Speciation of Copper(II)-Betaine Complexes as Starting Point for Electrochemical Copper Deposition from Ionic Liquids. ChemistryOpen, 2021, 10, 97-109.	0.9	7
15	Pb[PtBi ₆ I ₁₂] Infinite Chains of Heavy Atom Clusters. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 53-58.	0.6	2
16	The Polymorphic Nature of M ₃ BiBr ₆ Halides (M = Cs, Rb) and their Reversible Intercalation with Water to Isomorphous Hydrates at Room Temperature. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 478-484.	0.6	1
17	Metal Assisted Synthesis of Cationic Sulfidobismuth Cubanes in Ionic Liquids. ChemistryOpen, 2021, 10, 110-116.	0.9	7
18	Freestanding Nanolayers of a Wide-Gap Topological Insulator through Liquid-Phase Exfoliation. Chemistry - A European Journal, 2021, 27, 794-801.	1.7	5

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19	Low Temperature Activation of Tellurium and Resource-efficient Synthesis of AuTe ₂ and Ag ₂ Te in Ionic Liquids. ChemistryOpen, 2021, 10, 117-124.	0.9	8
20	Metal Assisted Synthesis of Cationic Sulfidobismuth Cubanes in Ionic Liquids. ChemistryOpen, 2021, 10, 59-59.	0.9	0
21	Freestanding few-layer sheets of a dual topological insulator. Npj 2D Materials and Applications, 2021, 5, .	3.9	4
22	Hydrothermal Synthesis, Crystal Structure, and Magnetism of Na ₂ [Ir(OH) ₆] and its Dehydration to Na ₂ IrO ₃ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 667-672.	0.6	4
23	Materials Synthesis in Ionic Liquids. ChemistryOpen, 2021, 10, 60-61.	0.9	0
24	Ba ₃ [Rh(OH) ₆] ₂ · 2H ₂ O as a Precursor to Barium Oxorhodates with One-dimensional Hydrogen Bonding Systems. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1702-1708.	0.6	4
25	Salts of octabismuth(2+) polycations crystallized from Lewis-acidic ionic liquids. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 585-589.	0.3	2
26	Tricyanidoferrate(IV) und Ruthenate(IV) mit redoxaktiven Cyanidoliganden. Angewandte Chemie, 2021, 133, 16015-16021.	1.6	2
27	Tricyanidoferrates(IV) and Ruthenates(IV) with Noninnocent Cyanido Ligands. Angewandte Chemie - International Edition, 2021, 60, 15879-15885.	7.2	7
28	Ionometallurgical Step Electrodeposition of Zinc and Lead and its Application in a Cycling Stable High Voltage Zinc Graphite Battery. Small, 2021, 17, e2102058.	5.2	10
29	Inorganic Synthesis Based on Reactions of Ionic Liquids and Deep Eutectic Solvents. Angewandte Chemie - International Edition, 2021, 60, 22148-22165.	7.2	107
30	Ionische Flüssigkeiten und stark eutektische Lösungsmittel in der anorganischen Synthese. Angewandte Chemie, 2021, 133, 22320-22338.	1.6	4
31	The Mixed Valence Catenate Heteropolycation (Bi ₂ S ₂) ⁺ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 2055.	0.6	1
32	Chalcogenides by Reduction of their Dioxides in Ultraalkaline Media. Angewandte Chemie - International Edition, 2021, 60, 22570-22577.	7.2	16
33	Potassium Ion Conductivity in the Cubic Labyrinth of a Piezoelectric, Antiferromagnetic Oxoferrate(III) Tellurate(VI). Chemistry - A European Journal, 2021, 27, 14299-14306.	1.7	9
34	Chalkogenide durch Reduktion ihrer Dioxide in ultraalkalischen Medien. Angewandte Chemie, 2021, 133, 22744-22752.	1.6	6
35	Tunable Potassium Ion Conductivity and Magnetism in Substituted Layered Ferrates. European Journal of Inorganic Chemistry, 2021, 2021, 364-376.	1.0	9
36	Bismuth-rich bimetallic clusters (CuBi ₈) ₃ ⁺ and [MBi ₁₀] ₄ ⁺ (M = Pd, Pt) from ionothermal synthesis. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, .	0.3	0

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37	Formation of Bi ₂ Ir nanoparticles in a microwave-assisted polyol process revealing the suboxide Bi ₄ Ir ₂ O. Dalton Transactions, 2021, 50, 17665-17674.	1.6	7
38	Crystal structures of the tetrachloridoaluminates(III) of rubidium(I), silver(I), and lead(II). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 117-123.	0.3	6
39	The Water-Rich Iodidobismuthate (H ₃ O)Rb ₃ Bi ₇ ·4H ₂ O. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 609-613.	0.6	1
40	The Subbromide Bi ₅ Br ₄ – On the Existence of a Hidden Phase. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 149-155.	0.6	1
41	Synthesis and Dissolution of Metal Oxides in Ionic Liquids and Deep Eutectic Solvents. Molecules, 2020, 25, 78.	1.7	71
42	CaNa[Cr(OH) ₆] – A Layered Hydroxochromate(III) with Ordered Brucite Structure and its Thermal Decomposition. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1130-1137.	0.6	9
43	Mechanism of Bi ³⁺ Ni Phase Formation in a Microwave-Assisted Polyol Process. ChemistryOpen, 2020, 9, 1085-1094.	0.9	8
44	Mechanism of Bi ³⁺ Ni Phase Formation in a Microwave-Assisted Polyol Process. ChemistryOpen, 2020, 9, 1084-1084.	0.9	0
45	Hydroflux Synthesis and Characterization of the Non-Centrosymmetric Oxomanganate(V) KSrMnO ₄ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1389-1395.	0.6	10
46	The Weak 3D Topological Insulator Bi ₁₂ Rh ₃ Sn ₃ I ₉ . Chemistry - A European Journal, 2020, 26, 15549-15557.	1.7	3
47	Resource-Efficient Low-Temperature Synthesis of Microcrystalline Pb ₂ B ₅ O ₉ X (X = Cl, Br) for Surfaces Studies by Optical Second Harmonic Generation. Small, 2020, 16, 2000857.	5.2	9
48	One-pot resource-efficient synthesis of SnSb powders for composite anodes in sodium-ion batteries. RSC Advances, 2020, 10, 22250-22256.	1.7	8
49	The Hydrogarnets Sr ₃ [RE(OH) ₆] ₂ (RE = Sc, Y, Ho – Lu): Syntheses, Crystal Structures, and their Thermal Decomposition to Ternary Rare-Earth Metal Oxides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1517-1524.	0.6	10
50	Nanostructured Borate Halides for Optical Second Harmonic Generation at Surfaces. European Journal of Inorganic Chemistry, 2020, 2020, 2465-2469.	1.0	6
51	Incorporation of Europium in Bi ₂ Te ₃ Topological Insulator Epitaxial Films. Journal of Physical Chemistry C, 2020, 124, 16048-16057.	1.5	10
52	Crystal Chemistry and Bonding Patterns of Bismuth-Based Topological Insulators. Inorganic Chemistry, 2020, 59, 3437-3451.	1.9	18
53	Facile synthesis of tellurium nano- and microstructures by trace HCl in ionic liquids. Dalton Transactions, 2020, 49, 1891-1896.	1.6	9
54	Hydroflux synthesis and crystal structure of Tl ₃ IO. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1638-1640.	0.2	12

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55	The crystal structures of $\text{Rb}_7\text{Sb}_3\text{Br}_{16}$, $\text{I}_2\text{-Ti}_7\text{Bi}_3\text{Br}_{16}$ and their relationship to close packings of spheres. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020, 235, 255-261.	0.4	3
56	Hydroflux syntheses and crystal structures of hydrogarnets $\text{Ba}_3[\text{RE}(\text{OH})_6]_2$ ($\text{RE} = \text{Sc, Y, Ho-Lu}$). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2020, 75, 951-957.	0.3	8
57	Syntheses and crystal structures of the manganese hydroxide halides $\text{Mn}_5(\text{OH})_6\text{Cl}_4$, $\text{Mn}_5(\text{OH})_7\text{I}_3$, and $\text{Mn}_7(\text{OH})_{10}\text{I}_4$. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020, 235, 375-389.	0.4	1
58	Ulrich Müller zum 80. Geburtstag gewidmet. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2020, 235, 245-246.	0.4	0
59	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
60	Structure and Properties of the Non-Centrosymmetric Manganese(II) Borate $\text{Mn}_5(\text{BO}_3)_3\text{OH}$. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3854-3862.	1.0	0
61	Layered manganese bismuth tellurides with GeBi_4Te_7 - and $\text{GeBi}_6\text{Te}_{10}$ -type structures: towards multifunctional materials. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9939-9953.	2.7	32
62	Low-Temperature Ordering in the Cluster Compound $(\text{Bi}_8)\text{TI}[\text{AlCl}_4]_3$. <i>Inorganics</i> , 2019, 7, 45.	1.2	7
63	Transport properties of topologically non-trivial bismuth tellurobromides $\text{Bi}_n\text{Te}_m\text{Br}$. <i>Journal of Applied Physics</i> , 2019, 126, 105105.	1.1	2
64	Oxo-Hydroxoferrate $\text{K}_2\text{Fe}_4\text{O}_7(\text{OH})_x$: Hydroflux Synthesis, Chemical and Thermal Instability, Crystal and Magnetic Structures. <i>ChemistryOpen</i> , 2019, 8, 74-83.	0.9	16
65	Low-Temperature Ionothermal Synthesis of Li-Ion Conductive $\text{Li}_4\text{B}_7\text{O}_{12}\text{Cl}$ Solid-State Electrolyte. <i>ACS Applied Energy Materials</i> , 2019, 2, 5140-5145.	2.5	19
66	Influence of Common Anions on the Coordination of Metal Cations in Polyalcohols. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 2267-2276.	1.0	17
67	Chemical Aspects of the Candidate Antiferromagnetic Topological Insulator MnBi_2Te_4 . <i>Chemistry of Materials</i> , 2019, 31, 2795-2806.	3.2	203
68	$\text{Sr}_4\text{N}[\text{CN}_2][\text{C}_2\text{N}]$: The First Carbodiimide Acetonitriletride. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1207-1211.	1.0	5
69	Syntheses, Crystal Structures and Physical Properties of Chromium and Rhodium Hydrogarnets $\text{Ca}_3[\text{Cr}(\text{OH})_6]_2$, $\text{Sr}_3[\text{Cr}(\text{OH})_6]_2$ and $\text{Sr}_3[\text{Rh}(\text{OH})_6]_2$. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1398-1405.	1.0	13
70	Antiferromagnetic Alkali Metal Oxohydroxoferrates(III) with Correlated Hydrogen Bonding Systems. <i>ChemistryOpen</i> , 2019, 8, 1399-1406.	0.9	16
71	Topological Electronic Structure and Intrinsic Magnetization in MnBi_4Te_8 : A Z_2 Anomalous Topological Insulator. <i>Physical Review X</i> , 2019, 9, 011048.	2.8	16
72	Dissolution of metal oxides in task-specific ionic liquid. <i>RSC Advances</i> , 2019, 9, 29699-29710.	1.7	38

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73	<i>In My Element</i> : Bismuth. Chemistry - A European Journal, 2019, 25, 13-13.	1.7	2
74	The Intermetalloid Clusters $[\text{Ni}_2\text{Bi}_{12}]^{4+}$ and $[\text{Rh}_2\text{Bi}_{12}]^{4+}$ – Ionothermal Synthesis, Crystal Structures, and Chemical Bonding. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 161-169.	0.6	7
75	Many Faces of $\text{Ni}_3\text{Bi}_2\text{S}_2$: Tunable Nanoparticle Morphology via Microwave-Assisted Nanocrystal Conversion. Crystal Growth and Design, 2018, 18, 2202-2209.	1.4	4
76	High-Temperature-Phase Bi_4Rh_2 : Electronic Localization by Structural Distortion. Inorganic Chemistry, 2018, 57, 5507-5513.	1.9	1
77	The Intermetalloid Cluster Cation $(\text{CuBi}_8)^{3+}$. Chemistry - A European Journal, 2018, 24, 127-132.	1.7	33
78	The Intermetalloid Cluster Cation $(\text{CuBi}_8)^{3+}$. Chemistry - A European Journal, 2018, 24, 5-5.	1.7	1
79	Spontaneous Substitutions at Phosphorus Trihalides in Imidazolium Halide Ionic Liquids: Grotthuss Diffusion of Anions?. Chemistry - A European Journal, 2018, 24, 16323-16331.	1.7	8
80	Low-Temperature Tailoring of Copper-Deficient Cu_3P Electric Properties, Phase Transitions, and Performance in Lithium-Ion Batteries. Chemistry of Materials, 2018, 30, 7111-7123.	3.2	30
81	Mechanisms of the polyol reduction of copper(II) salts depending on the anion type and diol chain length. Dalton Transactions, 2018, 47, 14085-14093.	1.6	39
82	Multi-Valent Group 14 Chalcogenide Architectures from Ionic Liquids: $\text{OD}[\text{Cs}@\text{Sn II } 4 (\text{Ge IV } 4 \text{ Se } 10) 4] 7^+$ and $2\text{D}[\text{Sn II } (\text{Ge IV } 4 \text{ Se } 10)] 2^+$. Chemistry - A European Journal, 2018, 24, 11899-11903.	1.7	14
83	Understanding the Chemical Reactivity of Phosphonium-Based Ionic Liquids with Tellurium. Chemistry - A European Journal, 2018, 24, 9325-9332.	1.7	16
84	Synthesis, Crystal and Topological Electronic Structures of New Bismuth Tellurohalides Bi_2TeBr and Bi_3TeBr . Chemistry of Materials, 2018, 30, 5272-5284.	3.2	10
85	Modular Design with 2D Topological-Insulator Building Blocks: Optimized Synthesis and Crystal Growth and Crystal and Electronic Structures of Bi_xTe ($x = 2, 3$). Chemistry of Materials, 2017, 29, 1321-1337.	3.2	23
86	The Triply Deprotonated Acetonitrile Anion CCN^{3-} Stabilized in a Solid. Angewandte Chemie - International Edition, 2017, 56, 2919-2922.	7.2	10
87	Ionic Liquids – Designer Solvents for the Synthesis of New Compounds and Functional Materials. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 2-2.	0.6	23
88	Designing 3D topological insulators by 2D-Xene ($X = \text{Ge}, \text{Sn}$) sheet functionalization in GaGeTe -type structures. Journal of Materials Chemistry C, 2017, 5, 4752-4762.	2.7	21
89	Dissolution behaviour and activation of selenium in phosphonium based ionic liquids. Chemical Communications, 2017, 53, 7588-7591.	2.2	20
90	Theoretical Investigation of the Te_4Br_2 Molecule in Ionic Liquids. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 41-52.	0.6	9

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91	On the Anion Exchange of PX_3 ($X = Cl, Br, I$) in Ionic Liquids comprising Halide Anions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 20-24.	0.6	9
92	Synthesis of Metal Sulfides from a Deep Eutectic Solvent Precursor (DESP). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1913-1919.	0.6	19
93	Solvothermal synthesis and enhanced photo-electrochemical performance of hierarchically structured strontium titanate micro-particles. <i>Dalton Transactions</i> , 2017, 46, 14219-14225.	1.6	13
94	Refinement of the Microwave-Assisted Polyol Process for the Low-Temperature Synthesis of Intermetallic Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 4930-4938.	1.0	17
95	Mechanistic exploration of the copper phosphide synthesis in phosphonium-based and phosphorus-free ionic liquids. <i>Dalton Transactions</i> , 2017, 46, 15004-15011.	1.6	13
96	Ionothermal Syntheses, Crystal Structures, and Chemical Bonding of the Rhodium-Centered Clusters $[RhBi_9]^{4+}$ and $[(RhBi_7)I_8]$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1482-1490.	0.6	14
97	Synthesis of a Cu-Filled $Rh_{17}S_{15}$ Framework: Microwave Polyol Process Versus High-Temperature Route. <i>Inorganic Chemistry</i> , 2017, 56, 11513-11523.	1.9	3
98	The Triply Deprotonated Acetonitrile Anion CCN^{3-} Stabilized in a Solid. <i>Angewandte Chemie</i> , 2017, 129, 2965-2968.	1.6	4
99	Optimized Synthesis of the Bismuth Subiodides Bi_mI_4 ($m = 4, 14, 16, 18$) and the Electronic Properties of $Bi_{14}I_4$ and $Bi_{18}I_4$. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5609-5615.	1.0	6
100	Pentagonal Bismuth Antiprisms with Endohedral Palladium or Platinum Atoms by Low-Temperature Syntheses. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 69-80.	0.6	22
101	Controlled Synthesis of Polyions of Heavy Main-Group Elements in Ionic Liquids. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1452.	1.8	44
102	Structural Variety of Defect Perovskite Variants $M_3E_2X_9$ ($M = Rb, Tl, E = Bi, Sb$). <i>Journal of Inorganic Chemistry</i> , 2016, 47, 100-107.	0.0	0
103	Chloride and Indium-Chloride-Complex Inorganic Ligands for Efficient Stabilization of Nanocrystals in Solution and Doping of Nanocrystal Solids. <i>Advanced Functional Materials</i> , 2016, 26, 2163-2175.	7.8	43
104	Crystal Structures of MBi_2Br_7 ($M = Rb, Cs$) - Filled Variants of AX ₇ Sphere Packing. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 456-460.	0.6	8
105	Controlled Synthesis of Pnictogen-Chalcogen Polycations in Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 880-889.	1.0	15
106	The Formation and Morphology of Nanoparticle Supracrystals. <i>Advanced Functional Materials</i> , 2016, 26, 4890-4895.	7.8	15
107	$(H_3O)_3Sb_2Br_9$: the first member of the $M_3E_2X_9$ structure family with oxonium cations. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2016, 72, 966-970.	0.2	4
108	Glycation Reactions of Casein Micelles. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2953-2961.	2.4	46

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109	Resource-Efficient High-Yield Ionothermal Synthesis of Microcrystalline Cu ₃ X ₂ P. <i>Inorganic Chemistry</i> , 2016, 55, 8844-8851.	1.9	25
110	Polyhedral Bismuth Polycations Coordinating Gold(I) with Varied Hapticity in a Homoleptic Heavy-Metal Cluster. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3580-3584.	1.0	25
111	Downscaling Effect on the Superconductivity of Pd ₃ Bi ₂ X ₂ (X = S or Se) Nanoparticles Prepared by Microwave-Assisted Polyol Synthesis. <i>Inorganic Chemistry</i> , 2016, 55, 8808-8815.	1.9	9
112	Correlation between topological band character and chemical bonding in a Bi ₁₄ Rh ₃ I ₉ -based family of insulators. <i>Scientific Reports</i> , 2016, 6, 20645.	1.6	9
113	Electronic Structure of the Dark Surface of the Weak Topological Insulator Bi ₁₄ Rh ₃ I ₉ . <i>ACS Nano</i> , 2016, 10, 3995-4003.	7.3	22
114	New Environment for a Two-Dimensional Topological Insulator with Hexagonal Channels Hosting Diiodido-bismuthate(I) Anions in a Singlet State. <i>Chemistry of Materials</i> , 2016, 28, 665-672.	3.2	10
115	Unexpected Reactivity of Red Phosphorus in Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3972-3972.	1.0	0
116	Bridging Nonaselenium Ring in [Se ₉ (IrBr ₃) ₂], and Three Modifications of the Mononuclear Complex [IrBr ₃ (SeBr ₂) ₃]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2005-2008.	0.6	4
117	Synthesis and Crystal Structure of the Electron-Rich Cyano-Rhodate Ba ₃ [Rh(CN) ₃]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 998-1001.	0.6	5
118	Ionothermal Synthesis, Structure, and Bonding of the Catena-Heteropolycation [Sb ₂ Se ₂] ⁺ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 388-393.	0.6	25
119	Unexpected Reactivity of Red Phosphorus in Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3991-3994.	1.0	23
120	Mixed-Valent Selenium Ligands in the Uncharged Iridium Complexes [Ir ₄ Se ₁₀ Br ₁₆] and [Ir ₆ Se ₈ Cl ₃₀]. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4343-4347.	1.0	1
121	The Bismuth Subiodides Bi ₈ Pt ₅ I ₃ and Bi ₁₆ Pt ₁₁ I ₆ - Layered Metals with Covalent Platinum Networks. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1444-1452.	0.6	5
122	Reprint of "Coordination chemistry of homoatomic ligands of bismuth, selenium and tellurium" Coordination Chemistry Reviews, 2015, 297-298, 208-217.	9.5	12
123	[P ₃ Se ₄] ⁺ : A Binary Phosphorus Selenium Cation. <i>Chemistry - A European Journal</i> , 2015, 21, 9577-9577.	1.7	2
124	Bi ₂ S ₃ Bipyramids in Layered Sulfides M ₂ Bi ₂ S ₃ (AlCl ₄) ₂ (M = Ag). <i>Tj ETQ</i> 000 0 rgBTg Overlock	0.6	0
125	Structure and Bonding of Bi ₄ I _r : A Difficult-to-Access Bismuth Iridide with a Unique Framework Structure. <i>Inorganic Chemistry</i> , 2015, 54, 885-889.	1.9	9
126	Subnanometre-wide electron channels protected by topology. <i>Nature Physics</i> , 2015, 11, 338-343.	6.5	114

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127	[P ₃ Se ₄] ⁺ : A Binary Phosphorus-Selenium Cation. Chemistry - A European Journal, 2015, 21, 9697-9712.	1.7	19
128	A rapid, high-yield and large-scale synthesis of uniform spherical silver nanoparticles by a microwave-assisted polyol process. RSC Advances, 2015, 5, 92144-92150.	1.7	20
129	Coordination chemistry of homoatomic ligands of bismuth, selenium and tellurium. Coordination Chemistry Reviews, 2015, 285, 1-10.	9.5	53
130	Low-Temperature Topochemical Transformation of Bi ₁₃ Pt ₃ I ₇ into the New Layered Honeycomb Metal Bi ₁₂ Pt ₃ I ₅ . Chemistry - A European Journal, 2014, 20, 17152-17160.	1.7	11
131	Single-crystal X-ray diffraction investigation of the reversible order-disorder phase transition in iron-deficient TFe ₂ Se ₂ . Crystal Research and Technology, 2014, 49, 32-37.	0.6	3
132	Bi ₂ Pt(<i>hP</i>) by Low-Temperature Reduction of Bi ₁₃ Pt ₃ I ₇ : Reinvestigation of the Crystal Structure and Chemical Bonding Analysis. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2742-2746.	0.6	20
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