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## List of Publications by Year in descending order

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203  
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docs citations

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times ranked

4687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proliferation, differentiation and gene expression of osteoblasts in boron-containing associated with dexamethasone deliver from mesoporous bioactive glass scaffolds. <i>Biomaterials</i> , 2011, 32, 7068-7078.	11.4	234
2	Chemical Aspects of the Candidate Antiferromagnetic Topological Insulator $\text{MnBi}_2\text{Te}_4$ . <i>Chemistry of Materials</i> , 2019, 31, 2795-2806.	6.7	203
3	Field-induced quantum criticality in the Kitaev system $\langle \mathbb{1} \pm \mathbb{1} \rangle$ . <i>Physical Review B</i> , 2017, 96, .	3.2	119
4	Unusual Phonon Heat Transport in $\text{RuCl}_3$ : Strong Spin-Phonon Scattering and Field-Induced Spin Gap. <i>Physical Review Letters</i> , 2018, 120, 117204.	13.8	107
5	A planar spin-1 triangular-lattice magnet and putative spin liquid. <i>Physical Review B</i> , 2018, 98, .	3.2	119
6	Bioactive $\text{SrO} \cdot \text{SiO}_2$ glass with well-ordered mesopores: Characterization, physiochemistry and biological properties. <i>Acta Biomaterialia</i> , 2011, 7, 1797-1806.	8.3	113
7	Inorganic Synthesis Based on Reactions of Ionic Liquids and Deep Eutectic Solvents. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22148-22165.	13.8	107
8	Modification and properties of African yam bean ( <i>Sphenostylis stenocarpa</i> Hochst. Ex A. Rich.) Harms starch I: Heat moisture treatments and annealing. <i>Food Hydrocolloids</i> , 2009, 23, 1947-1957.	10.7	103
9	Anisotropic field-induced ordering in the triangular-lattice quantum spin liquid $\text{NaYbSe}_2$ . <i>Physical Review B</i> , 2019, 100, .	3.2	92
10	Long- and short-range structural changes of recrystallised cassava starch subjected to in vitro digestion. <i>Food Hydrocolloids</i> , 2011, 25, 477-485.	10.7	88
11	Description of the Honeycomb Mott Insulator $\text{NaYbS}_2$ . <i>Physical Review Letters</i> , 2016, 117, 136402.	7.8	83
12	Pressure-induced dimerization and valence bond crystal formation in the Kitaev-Heisenberg magnet $\text{NaYbS}_2$ . <i>Physical Review B</i> , 2018, 97, .	3.2	75
13	Large thermal Hall effect in $\text{NaYbS}_2$ : Evidence for heat transport by Kitaev-Heisenberg paramagnons. <i>Physical Review B</i> , 2019, 99, .	3.2	67
14	Quantum spin liquid ground state in the disorder free triangular lattice $\text{NaYbS}_2$ . <i>Physical Review B</i> , 2019, 100, .	3.2	66
15	$\text{Pb} \cdot \text{X}$ (X = N, S, I) tetrel bonding interactions in $\text{Pb}(\text{scpr})_2$ complexes: X-ray characterization, Hirshfeld surfaces and DFT calculations. <i>CrystEngComm</i> , 2018, 20, 2812-2821.	2.6	63
16	Structural Variety of Defect Perovskite Variants $\text{M}_3\text{E}_2\text{X}_9$ (M = Rb, Tl, E = Bi, Sb), Tj ETQqO <sub>10</sub> rgBT4/Overlock	0.0	0
17	Structure-Property Relations and Diffusion Pathways of the Silver Ion Conductor $\text{Ag}_5\text{Te}_2\text{Cl}$ . <i>Chemistry of Materials</i> , 2004, 16, 806-812.	6.7	46
18	Synthesis of Amines from Imines in the Coordination Sphere of Silicon- Surprising Photo-Rearrangement of Hexacoordinate Organosilanes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2441-2444.	13.8	45

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19	Self-assembly of neutral hexanuclear circular copper(ii) meso-helicates: topological control by sulfate ions. <i>Chemical Communications</i> , 2010, 46, 2373.	4.1	44
20	Anion-driven tetrel bond-induced engineering of lead( $\text{Pb}^{2+}$ ) architectures with $\text{N}^{\delta-}$ -(1-(2-pyridyl)ethylidene)nicotinothiazide: experimental and theoretical findings. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 171-182.	6.0	44
21	Contribution to the crystal chemistry of rare earth chalcogenides. I. The compounds with layer structures $\text{LnX}_2$ . <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2000, 215, .	0.8	42
22	Signatures of low-energy fractionalized excitations in $\text{Cu}_2\text{O}$ from field-dependent microwave absorption. <i>Physical Review B</i> , 2018, 98, .	12.2	41
23	A Semiconductor or A One-Dimensional Metal and Superconductor through Tellurium Stacking. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8106-8109.	13.8	39
24	Mechanisms of the polyol reduction of copper(II) salts depending on the anion type and diol chain length. <i>Dalton Transactions</i> , 2018, 47, 14085-14093.	3.3	39
25	Detuning the honeycomb of $\text{Cu}_2\text{O}$ : Pressure-dependent optical studies reveal broken symmetry. <i>Physical Review B</i> , 2018, 97, .	12.2	38
26	Structural trends from a consistent set of single-crystal data of $\text{FeAsO}$ . <i>Journal of Solid State Chemistry</i> , 2010, 183, 510-520.	3.2	37
27	The Intermetalloid Cluster Cation ( $\text{CuBi}_8$ ) <sup>3+</sup> . <i>Chemistry - A European Journal</i> , 2018, 24, 127-132.	3.3	33
28	Low-Temperature Tailoring of Copper-Deficient $\text{Cu}_x\text{P}$ Electric Properties, Phase Transitions, and Performance in Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2018, 30, 7111-7123.	6.7	30
29	Electron spin resonance on the spin-1/2 triangular magnet $\text{NaYbS}_2$ . <i>Journal of Physics Condensed Matter</i> , 2019, 31, 205601.	1.8	30
30	Lattice distortions in layered type arsenides $\text{LnTAs}_2$ ( $\text{Ln}=\text{La}^{\delta-}\text{Nd, Sm, Gd, Tb}$ ; $\text{T}=\text{Ag, Au}$ ): Crystal structures, electronic and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2010, 183, 510-520.	2.9	29
31	Investigations on compounds with $\text{Cr}_5\text{B}_3$ and $\text{In}_5\text{Bi}_3$ structure types. <i>Journal of Alloys and Compounds</i> , 1997, 246, 209-215.	5.5	28
32	On $\text{LnCu}_1\text{As}_2$ compounds. <i>Journal of Alloys and Compounds</i> , 2002, 338, 93-98.	5.5	27
33	Nickel(II) and zinc(II) complexes of N-substituted di(2-picolyl)amine derivatives: Synthetic and structural studies. <i>Polyhedron</i> , 2011, 30, 708-714.	2.2	26
34	Synthesis, Crystal Structure and Electronic Structure of Modulated $\text{Pd}_7\text{SnTe}_2$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 293-301.	1.2	25
35	Resource-Efficient High-Yield Ionothermal Synthesis of Microcrystalline $\text{Cu}_x\text{P}$ . <i>Inorganic Chemistry</i> , 2016, 55, 8844-8851.	4.0	25
36	On the importance of $\text{p}^2$ -hole spodium bonding in tricoordinated $\text{Hg}^{II}$ complexes. <i>Dalton Transactions</i> , 2020, 49, 17547-17551.	3.3	25

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37	Chalcogene-Rich Chalcogenides: From the First Ideas to a Still Growing Field of Research. Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 136, 255-282.	1.6	24
38	Regio- and Stereospecific Synthesis of Cholesterol Derivatives and Their Hormonal Activity in <i>Caenorhabditis elegans</i> . European Journal of Organic Chemistry, 2006, 2006, 3687-3706.	2.4	24
39	The Pr <sub>2</sub> Se <sub>3</sub> –PrSe <sub>2</sub> system: Studies of the phase relationships and the modulated crystal structure of PrSe <sub>1.85</sub> . Journal of Solid State Chemistry, 2007, 180, 496-509.	2.9	24
40	Electron spin resonance and ferromagnetic resonance spectroscopy in the high-field phase of the van der Waals magnet CrCl <sub>3</sub> . Physical Review Materials, 2020, 4, .	2.4	24
41	CeAgAs <sub>2</sub> – a New Derivative of the HfCuSi <sub>2</sub> Type of Structure: Synthesis, Crystal Structure and Magnetic Properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 635-641.	1.2	23
42	Synthese und Kristallstrukturen von PrSe <sub>2</sub> und NdSe <sub>2</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1101-1106.	1.2	23
43	CuTe: Remarkable Bonding Features as a Consequence of a Charge Density Wave. Angewandte Chemie - International Edition, 2013, 52, 862-865.	13.8	23
44	Modular Design with 2D Topological-Insulator Building Blocks: Optimized Synthesis and Crystal Growth and Crystal and Electronic Structures of Bi <sub>x</sub> Tel ( $x = 2, 3$ ). Chemistry of Materials, 2017, 29, 1321-1337.	6.7	23
45	Yb delafossites: Unique exchange frustration of spin-4. Physical Review B, 2021, 103, .	3.2	23
46	Nearest-neighbor Kitaev exchange blocked by charge order in electron-doped $\text{Ir}_{1-x}\text{Sn}_x\text{S}_2$ . Physical Review Materials, 2017, 1, .	2.4	23
47	Anisotropic electrical resistivity of LaFeAsO: Evidence for electronic nematicity. Physical Review B, 2012, 86, .	3.2	22
48	Thermodynamic study of the systems PrSe <sub>2.00</sub> –PrSe <sub>1.50</sub> and GdSe <sub>1.875</sub> –GdSe <sub>1.50</sub> . Journal of Alloys and Compounds, 2008, 452, 94-98.	5.5	21
49	Structural Frustration and Occupational Disorder: The Rare Earth Metal Polysulfides Tb <sub>8</sub> S <sub>14.8</sub> , Dy <sub>8</sub> S <sub>14.9</sub> , Ho <sub>8</sub> S <sub>14.9</sub> , and Y <sub>8</sub> S <sub>14.8</sub> . Inorganic Chemistry, 2012, 51, 282-289.	4.0	21
50	Structural and computational study of some new nano-structured Hg( <i>ii</i> ) compounds: a combined X-ray, Hirshfeld surface and NBO analyses. RSC Advances, 2016, 6, 21396-21412.	3.6	21
51	The Crystal Structure of Tl <sub>2</sub> Te <sub>3</sub> - a Reinvestigation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1999, 625, 2160-2163.	1.2	20
52	Die Kristallstruktur der Tieftemperaturmodifikation von Ag <sub>5</sub> Te <sub>2</sub> Cl. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2000, 626, 89-93.	1.2	20
53	Dissolution behaviour and activation of selenium in phosphonium based ionic liquids. Chemical Communications, 2017, 53, 7588-7591.	4.1	20
54	Spin-glass state and reversed magnetic anisotropy induced by Cr doping in the Kitaev magnet $\text{Ir}_{1-x}\text{Sn}_x\text{S}_2$ . Physical Review B, 2019, 99, .	3.2	20

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55	Gd <sub>8</sub> Se <sub>15</sub> A 24-Fold Superstructure of the ZrSSi Type. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1987-1988.	13.8	19
56	LaSeTe <sub>2</sub> Temperature Dependent Structure Investigation and Electron Holography on a Charge-Density-Wave-Hosting Compound. <i>Chemistry - A European Journal</i> , 2003, 9, 5865-5872.	3.3	19
57	Die Seltenerdmetallpolyselenide Gd <sub>8</sub> Se <sub>15</sub> , Tb <sub>8</sub> Se <sub>15</sub> <sup>x</sup> , Dy <sub>8</sub> Se <sub>15</sub> <sup>x</sup> , Ho <sub>8</sub> Se <sub>15</sub> <sup>x</sup> , Er <sub>8</sub> Se <sub>15</sub> <sup>x</sup> und Y <sub>8</sub> Se <sub>15</sub> <sup>x</sup> (0) Tj ETQq1 1 0.784 Anorganische Und Allgemeine Chemie, 2007, 633, 261-273.	1.2	19
58	Lanthanoiddisulfide Synthesen und Kristallstrukturen von $\hat{1}_{\pm}$ -CeS <sub>2</sub> , $\hat{1}_{\pm}$ -NdS <sub>2</sub> , $\hat{1}^2$ -LaS <sub>2</sub> , $\hat{1}^2$ -CeS <sub>2</sub> und $\hat{1}^2$ -PrS <sub>2</sub> / Rare Earth Metal Disulfides Syntheses and Crystal Structures of $\hat{1}_{\pm}$ -CeS <sub>2</sub> , $\hat{1}_{\pm}$ -NdS <sub>2</sub> , $\hat{1}^2$ -LaS <sub>2</sub> , $\hat{1}^2$ -CeS <sub>2</sub> , and $\hat{1}^2$ -PrS <sub>2</sub> . <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2009, 64, 189-196.	0.7	19
59	High-Pressure Synthesis, Crystal Structure, and Properties of GdS <sub>2</sub> with Thermodynamic Investigations in the Phase Diagram Gd-S. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010, 636, 947-953.	1.2	19
60	Synthesis, crystal structures, spectroscopic and electrochemical studies on Cu(II) and Ni(II) complexes with compartmental nitrogen-oxygen mixed donor ligands. <i>Polyhedron</i> , 2014, 80, 41-46.	2.2	19
61	Self-assembly of [2+2] Co(II) metallomacrocycles and Ni(II) metallogels with novel bis(pyridylimine) ligands. <i>Journal of Organometallic Chemistry</i> , 2016, 821, 182-191.	1.8	19
62	Synthesis of Metal Sulfides from a Deep Eutectic Solvent Precursor (DESP). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 1913-1919.	1.2	19
63	Low-Temperature Ionothermal Synthesis of Li <sub>4</sub> B <sub>7</sub> O <sub>12</sub> Cl Solid-State Electrolyte. <i>ACS Applied Energy Materials</i> , 2019, 2, 5140-5145.	5.1	19
64	Syntheses and crystal structures of Tl <sub>5</sub> Se <sub>2</sub> Cl and Tl <sub>5</sub> Se <sub>2</sub> Br. <i>Journal of Alloys and Compounds</i> , 1994, 209, 151-157.	5.5	18
65	The ternary rare-earth polychalcogenides LaSeTe <sub>2</sub> , CeSeTe <sub>2</sub> , PrSeTe <sub>2</sub> , NdSeTe <sub>2</sub> , and SmSeTe <sub>2</sub> : Syntheses, crystal structures, electronic properties, and charge-density-wave-transitions. <i>Solid State Sciences</i> , 2005, 7, 573-587.	3.2	18
66	LaSe <sub>1.85</sub> , CeSe <sub>1.83</sub> , NdSe <sub>1.83</sub> and SmSe <sub>1.84</sub> four new rare earth metal polyselenides with incommensurate site occupancy and displacive modulation. <i>Zeitschrift Für Kristallographie</i> , 2009, 224, 568-579.	1.1	18
67	High-pressure synthesis of rare-earth metal disulfides and diselenides $\langle \text{LnX} \rangle_2$ ( $\langle \text{Ln} \rangle = \text{Sm, Gd, Tb, Dy, Ho, Er and Tm}$ ; $\langle \text{X} \rangle = \text{S, Se}$ ). <i>Zeitschrift Für Kristallographie</i> , 2011, 226, 646-650.	1.1	18
68	High-field thermal transport properties of the Kitaev quantum magnet $\langle \text{Ru} \rangle_2$ : Evidence for low-energy excitations beyond the critical field. <i>Physical Review B</i> , 2020, 102, .	1.2	18
69	Bi <sub>7</sub> -Ni <sub>2</sub> Br <sub>5</sub> (? ? 1/9) - ein quasi-eindimensionales Metall mit modulierter Kristallstruktur. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 457-467.	1.2	17
70	Methoxyaryl substituted palladium bis-NHC complexes Synthesis and electronic effects. <i>Inorganica Chimica Acta</i> , 2012, 392, 204-210.	2.4	17
71	Understanding the Chemical Reactivity of Phosphonium-Based Ionic Liquids with Tellurium. <i>Chemistry - A European Journal</i> , 2018, 24, 9325-9332.	3.3	16
72	Oxo-Hydroxoferrate K <sub>2</sub> Fe <sub>4</sub> O <sub>7</sub> (OH): Hydroflux Synthesis, Chemical and Thermal Instability, Crystal and Magnetic Structures. <i>ChemistryOpen</i> , 2019, 8, 74-83.	1.9	16

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73	Antiferromagnetic Alkali Metal Oxohydroxoferrates(III) with Correlated Hydrogen Bonding Systems. ChemistryOpen, 2019, 8, 1399-1406.	1.9	16
74	Long-range magnetic order in the $\{S\}=1/2$ triangular lattice antiferromagnet $\text{KCeS}_2$ . SciPost Physics, 2020, 9, .	4.9	16
75	Structural and physicochemical properties and in vitro digestibility of recrystallized linear $\hat{1}\pm$ -d-( $1\hat{1}^+$ ) <sup>4</sup> glucans derived from mild-acid-modified cassava starch. Food Research International, 2010, 43, 1144-1154.	6.2	15
76	$\text{Pd}_{17}\text{In}_4\text{Se}_4$ , a Metal-Rich Palladium-Indium Selenide with an Open-Framework Structure. European Journal of Inorganic Chemistry, 2013, 2013, 6164-6169.	2.0	15
77	Some novel hexa-coordinated cadmium Schiff base complexes: X-ray structure, Hirshfeld surface analysis, antimicrobial and thermal analysis. Applied Organometallic Chemistry, 2020, 34, e5550.	3.5	15
78	Incommensurately modulated $\text{CeSi}_{1.82}$ . Zeitschrift Fur Kristallographie - Crystalline Materials, 2005, 220, .	0.8	14
79	$\text{La}_{1.9}$ , $\text{Ce}_{1.9}$ , $\text{Pr}_{1.9}$ , $\text{Nd}_{1.9}$ und $\text{Gd}_{1.9}$ : FÄ¼nf neue Lanthanoidpolysulfide â€“ Synthese und Kristallstrukturen und ihre Strukturbeziehung zum ZrSSi-Typ. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 2719-2724.	1.2	14
80	New metal-rich mixed chalcogenides with an intergrowth structure: $\text{Ni}_{5.68}\text{SiSe}_2$ , $\text{Ni}_{5.46}\text{GeSe}_2$ , and $\text{Ni}_{5.42}\text{GeTe}_2$ . Russian Chemical Bulletin, 2007, 56, 1694-1700.	1.5	14
81	Origin of Morphology Change and Effect of Crystallization Time and Si/Al Ratio during Synthesis of Zeolite ZSMâ€“5. ChemCatChem, 2022, 14, .	3.7	14
82	$\text{Ni}_7\hat{1}\hat{1}\text{SnTe}_2$ : Modulated crystal structure refinement, electronic structure and anisotropy of electroconductivity. Journal of Solid State Chemistry, 2007, 180, 221-232.	2.9	13
83	A New Supramolecular Assembly Formed by Melamine and Sulfuric Acid. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2008, 634, 452-456.	1.2	13
84	Solvothermal synthesis and enhanced photo-electrochemical performance of hierarchically structured strontium titanate micro-particles. Dalton Transactions, 2017, 46, 14219-14225.	3.3	13
85	Mechanistic exploration of the copper( <i>scp</i> ) phosphide synthesis in phosphonium-based and phosphorus-free ionic liquids. Dalton Transactions, 2017, 46, 15004-15011.	3.3	13
86	A photosensor based on lead-free perovskite-like methyl-ammonium bismuth iodide. Sensors and Actuators A: Physical, 2019, 291, 75-79.	4.1	13
87	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 $\text{Sr}_3[\text{Rh}(\text{OH})_6]_2$ . European Journal of Inorganic Chemistry, 2019, 2019, 1398-1405.	2.0	13
88	High-Pressure Syntheses of Lanthanide Polysulfides and Polyselenides $\langle \text{LnX} \rangle_{1.9}$ ( $\langle \text{Ln} \rangle = \text{Gd}^{\text{“Tm}}$ , $\langle \text{X} \rangle = \text{S, Se}$ ). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 2477-2484.	1.2	12
89	Ternary lanthanum sulfide selenides $\hat{1}\pm$ - $\text{LaS}_2\hat{1}\text{Se}$ ( $\text{O}\hat{1}\text{x}\hat{1}\text{t};2$ ) with mixed dichalcogenide anions $\text{X}_2\hat{1}$ ( $\text{X}=\text{S, Se}$ ). Journal of Solid State Chemistry, 2012, 185, 101-106.	2.9	12
90	Rare Earth Metal Polytellurides $\langle \text{RE} \rangle \text{Te}_{1.8}$ ( $\langle \text{RE} \rangle = \text{Gd, Tb, Dy}$ ) â€“ Directed Synthesis, Crystal and Electronic Structures, and Bonding Features. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1886-1896.	1.2	12

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91	Detuning the Honeycomb of the $\hat{\Gamma}$ -RuCl <sub>3</sub> Kitaev Lattice: A Case of Cr <sup>3+</sup> Dopant. <i>Inorganic Chemistry</i> , 2019, 58, 6659-6668.	4.0	12
92	NaTePO <sub>5</sub> , SrTeP <sub>2</sub> O <sub>8</sub> and Ba <sub>2</sub> TeP <sub>2</sub> O <sub>9</sub> : Three tellurite-phosphates with large birefringence. <i>Journal of Alloys and Compounds</i> , 2021, 854, 157243.	5.5	12
93	Hydroflux synthesis and crystal structure of Tl <sub>3</sub> IO. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020, 76, 1638-1640.	0.5	12
94	Site occupancy wave and charge density wave in the modulated structure of Nd <sub>0.6</sub> Gd <sub>0.4</sub> Se <sub>1.85</sub> . <i>Journal of Solid State Chemistry</i> , 2004, 177, 1598-1606.	2.9	11
95	Mixed Tellurides Ni <sub>3</sub> Te <sub>2</sub> GaTe <sub>2</sub> (0 ≤ x ≤ 0.65): Crystal and Electronic Structures, Properties, and Nickel Deficiency Effects on Vacancy Ordering. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 1395-1404.	2.0	11
96	Effective Spin-1/2 Moments on a Yb <sup>3+</sup> Triangular Lattice: An ESR Study. , 2020, , .		11
97	A <sub>2</sub> (TeO)P <sub>2</sub> O <sub>7</sub> (A = K, Rb, Cs): Three new tellurite-pyrophosphates with large birefringence. <i>Journal of Alloys and Compounds</i> , 2021, 865, 158785.	5.5	11
98	Mild hydrothermally treated brewer's spent grain for efficient removal of uranyl and rare earth metal ions. <i>RSC Advances</i> , 2020, 10, 45116-45129.	3.6	11
99	Electronic structure of CeCuAs <sub>2</sub> . <i>Physical Review B</i> , 2014, 89, .	3.2	10
100	Synthesis, Crystal and Topological Electronic Structures of New Bismuth Tellurohalides Bi <sub>2</sub> TeBr and Bi <sub>3</sub> TeBr. <i>Chemistry of Materials</i> , 2018, 30, 5272-5284.	6.7	10
101	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.	2.0	10
102	Synthesis, spectral analysis, crystal structure, Hirshfeld surface analyses, thermal behavior of two new nickel complexes and usage as precursor for preparation of Ni/NiO nanoparticles. <i>Polyhedron</i> , 2020, 176, 114287.	2.2	10
103	Synthesis of (Li <sub>2</sub> Fe <sub>1-y</sub> Mn <sub>y</sub> )SO Antiperovskites with Comprehensive Investigations of (Li <sub>2</sub> Fe <sub>0.5</sub> Mn <sub>0.5</sub> )SO as Cathode in Li-ion Batteries. <i>Inorganic Chemistry</i> , 2020, 59, 15626-15635.	4.0	10
104	Hydroflux Synthesis and Characterization of the Non-Centrosymmetric Oxomanganate(V) K <sub>2</sub> SrMnO <sub>4</sub> . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1389-1395.	1.2	10
105	The Hydrogarnets Sr <sub>3</sub> [RE(OH) <sub>6</sub> ] <sub>2</sub> (RE = Sc, Y, Ho ≤ Lu): Syntheses, Crystal Structures, and their Thermal Decomposition to Ternary Rare-Earth Metal Oxides. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1517-1524.	1.2	10
106	Low-temperature enhancement of ferromagnetic Kitaev correlations in $\hat{\Gamma}$ -RuCl <sub>3</sub> . <i>Physical Review Materials</i> , 2020, 4, .	2.4	10
107	One-pot synthesis of brewer's spent grain-supported superabsorbent polymer for highly efficient uranium adsorption from wastewater. <i>Environmental Research</i> , 2022, 212, 113333.	7.5	10
108	Downscaling Effect on the Superconductivity of Pd <sub>3</sub> Bi <sub>2</sub> X <sub>2</sub> (X = S or Se) Nanoparticles Prepared by Microwave-Assisted Polyol Synthesis. <i>Inorganic Chemistry</i> , 2016, 55, 8808-8815.	4.0	9

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109	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.	1.2	9
110	$CaNa[Cr(OH)_6]$ A Layered Hydroxochromate(III) with Ordered Brucite Structure and its Thermal Decomposition. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020, 646, 1130-1137.	1.2	9
111	Facile synthesis of tellurium nano- and microstructures by trace HCl in ionic liquids. <i>Dalton Transactions</i> , 2020, 49, 1891-1896.	3.3	9
112	Recycling of Brewer's Spent Grain as a Biosorbent by Nitro-Oxidation for Uranyl Ion Removal from Wastewater. <i>ACS Omega</i> , 2021, 6, 19364-19377.	3.5	9
113	Potassium Ion Conductivity in the Cubic Labyrinth of a Piezoelectric, Antiferromagnetic Oxoferrate(III) Tellurate(VI). <i>Chemistry - A European Journal</i> , 2021, 27, 14299-14306.	3.3	9
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