

# Amitava Choudhury

## List of Publications by Year in descending order

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128  
papers

4,149  
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109321

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Aufbau Principle of Complex Open-Framework Structures of Metal Phosphates with Different Dimensionalities. <i>Accounts of Chemical Research</i> , 2001, 34, 80-87.	15.6	372
2	Metal Complexes of Organophosphate Esters and Open-Framework Metal Phosphates: Synthesis, Structure, Transformations, and Applications. <i>Chemical Reviews</i> , 2008, 108, 3549-3655.	47.7	311
3	Formation of One-, Two-, and Three-Dimensional Open-Framework Zinc Phosphates in the Presence of a Tetramine. <i>Inorganic Chemistry</i> , 2000, 39, 4295-4304.	4.0	116
4	A Versatile Tripodal Cu(I) Reagent for C–N Bond Construction via Nitrene-Transfer Chemistry: Catalytic Perspectives and Mechanistic Insights on C–H Aminations/Amidinations and Olefin Aziridinations. <i>Journal of the American Chemical Society</i> , 2014, 136, 11362-11381.	13.7	115
5	Transformations of low-dimensional zinc phosphates to complex open-framework structures. Part 1: zero-dimensional to one-, two- and three-dimensional structures. <i>Journal of Materials Chemistry</i> , 2001, 11, 1181-1191.	6.7	114
6	Three-Dimensional Organically Templated Open-Framework Transition Metal Selenites. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 158-161.	13.8	112
7	Organically Templated Mixed-Valent Iron Sulfates Possessing Kagomé and Other Types of Layered Networks. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 4297-4300.	13.8	107
8	Synthesis and Characterization of Magnetic Iron Sulfide Nanowires. <i>Advanced Materials</i> , 2003, 15, 2098-2101.	21.0	107
9	Transformations of the low-dimensional zinc phosphates to complex open-framework structures. Part 2: one-dimensional ladder to two- and three-dimensional structures. <i>Journal of Materials Chemistry</i> , 2001, 11, 1537-1546.	6.7	103
10	Synthesis, Structure, and the Unusual Magnetic Properties of an Amine-Templated Iron(II) Sulfate Possessing the Kagomé Lattice. <i>Chemistry of Materials</i> , 2004, 16, 1441-1446.	6.7	103
11	Organically Templated Linear and Layered Iron Sulfates. <i>Chemistry of Materials</i> , 2003, 15, 1174-1180.	6.7	101
12	A Hybrid Open-Framework Iron Phosphate–Oxalate with a Large Unidimensional Channel, Showing Reversible Hydration. <i>Chemistry of Materials</i> , 1999, 11, 2316-2318.	6.7	99
13	Three-Dimensional Open-Framework Cobalt(II) Phosphates by Novel Routes. <i>Inorganic Chemistry</i> , 2000, 39, 1426-1433.	4.0	97
14	An approach to the synthesis of organically templated open-framework metal sulfates by the amine–sulfate route. <i>Chemical Communications</i> , 2001, , 2610-2611.	4.1	89
15	An organically templated iron sulfate with a distorted Kagome lattice exhibiting unusual magnetic properties. <i>Chemical Communications</i> , 2002, , 1904-1905.	4.1	77
16	Organically templated linear and layered cadmium sulfates Electronic supplementary information (ESI) available: powder diffraction data for IV, view of I down the a-axis, the structure of II in the ac-plane and a polyhedral view of IV in the ab-plane. See <a href="http://www.rsc.org/suppdata/dt/b2/b204482j/">http://www.rsc.org/suppdata/dt/b2/b204482j/</a> . <i>Dalton Transactions RSC</i> , 2002, , 3859-3867.	2.3	76
17	Supramolecular hydrogen-bonded structures in organic amine squarates. <i>Journal of Molecular Structure</i> , 2002, 641, 263-279.	3.6	71
18	Organically Templated Vanadyl Selenites with Layered Structures. <i>Inorganic Chemistry</i> , 2003, 42, 409-415.	4.0	63

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19	Hybrid Open-Framework Iron Phosphate-Oxalates Demonstrating a Dual Role of the Oxalate Unit. Chemistry - A European Journal, 2000, 6, 1168-1175.	3.3	59
20	An open-framework iron phosphate with large voids, exhibiting spin-crossover. Chemical Communications, 1999, , 1305-1306.	4.1	58
21	Amine-Templated Linear Vanadium Sulfates with Different Chain Structures. Inorganic Chemistry, 2003, 42, 2004-2013.	4.0	58
22	An open-framework zincoborate formed by Zn <sub>6</sub> B <sub>12</sub> O <sub>24</sub> clusters. Dalton Transactions RSC, 2002, , 1535-1538.	2.3	57
23	An Unusual Open-Framework Cobalt(II) Phosphate with a Channel Structure That Exhibits Structural and Magnetic Transitions. Angewandte Chemie - International Edition, 2000, 39, 3091-3093.	13.8	56
24	The first organically templated linear metal selenate. Journal of Solid State Chemistry, 2003, 174, 386-391.	2.9	45
25	Sulfates of organic diamines: hydrogen-bonded structures and properties. Solid State Sciences, 2002, 4, 413-422.	3.2	44
26	Structural study of Na <sub>2</sub> O-FeO-Fe <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> glasses by Raman and Mössbauer spectroscopy. Journal of Non-Crystalline Solids, 2014, 402, 64-73.	3.1	44
27	Supramolecular hydrogen-bonded structure of a 1:2 adduct of melamine with boric acid. Journal of Molecular Structure, 2002, 613, 61-66.	3.6	42
28	Inorganic hybrid open-framework structures: synthesis and structure of a cobalt phosphate-oxalate, [C <sub>4</sub> N <sub>2</sub> H <sub>12</sub> ] <sub>0.5</sub> [Co <sub>2</sub> (HPO <sub>4</sub> )(C <sub>2</sub> O <sub>4</sub> ) <sub>1.5</sub> ]. Solid State Sciences, 2000, 2, 365-372.	3.2	41
29	Transformations of two-dimensional layered zinc phosphates to three-dimensional and one-dimensional structures. Journal of Materials Chemistry, 2002, 12, 1044-1052.	6.7	41
30	A Hybrid Open-Framework Aluminum Phosphate-Oxalate Possessing Large Circular 12-Membered Channels. Journal of Solid State Chemistry, 2000, 150, 324-329.	2.9	40
31	Synthons and design in metal phosphates and oxalates with open architectures. Acta Crystallographica Section B: Structural Science, 2001, 57, 1-12.	1.8	39
32	An organically templated open-framework cadmium selenite. Solid State Sciences, 2003, 5, 257-262.	3.2	39
33	Novel di-tertiary-butyl phenylhydrazones as dual cyclooxygenase-2/5-lipoxygenase inhibitors: Synthesis, COX/LOX inhibition, molecular modeling, and insights into their cytotoxicities. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 317-324.	2.2	37
34	Comparative Nitrene-Transfer Chemistry to Olefinic Substrates Mediated by a Library of Anionic Mn(II) Triphenylamido-Amine Reagents and M(II) Congeners (M = Fe, Co, Ni) Favoring Aromatic over Aliphatic Alkenes. ACS Catalysis, 2018, 8, 9183-9206.	11.2	36
35	Significant Capacity and Cycle-Life Improvement of Lithium-Ion Batteries through Ultrathin Conductive Film Stabilized Cathode Particles. Advanced Materials Interfaces, 2015, 2, 1500046.	3.7	35
36	Phosphorous acid route synthesis of iron favorite phases, LiFePO <sub>4</sub> (OH) <sub>x</sub> F <sub>1-x</sub> [0 ≤ x ≤ 1] and comparative study of their electrochemical activities. RSC Advances, 2014, 4, 37691-37700.	3.6	34

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37	Hybrid Open-Framework Iron Phosphate-Oxalates Demonstrating a Dual Role of the Oxalate Unit. Chemistry - A European Journal, 2000, 6, 1168-1175.	3.3	32
38	Layered Cobalt Phosphates by the Amine Phosphate Route. Journal of Solid State Chemistry, 2000, 155, 62-70.	2.9	32
39	A hybrid open-framework structure: synthesis and structure of an iron phosphate oxalate, [C <sub>10</sub> N <sub>4</sub> H <sub>28</sub> ][Fe <sub>2</sub> (HPO <sub>4</sub> ) <sub>3</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>2</sub> ]. Journal of Materials Chemistry, 1999, 9, 3113-3117.	6.7	30
40	An organically templated open-framework cobalt germanate. Journal of Solid State Chemistry, 2003, 170, 124-129.	2.9	30
41	Simple linear-chain cobalt phosphates. Dalton Transactions RSC, 2000, , 2595-2598.	2.3	27
42	Rare-Earth Metal(III) Oxide Selenides M <sub>4</sub> O <sub>4</sub> Se <sub>2</sub> (M = La, Ce, Pr.) Tj ETQq0 0 0 rgBT /Overlock Properties. Inorganic Chemistry, 2008, 47, 4936-4944.	4.0	27
43	One-dimensional zinc phosphates with linear chain structure. Journal of Physics and Chemistry of Solids, 2001, 62, 1481-1491.	4.0	26
44	A Three-Dimensional Iron(III) Phosphate, [C <sub>2</sub> N <sub>2</sub> H <sub>10</sub> ] <sub>2</sub> [Fe <sub>5</sub> F <sub>4</sub> (PO <sub>4</sub> )(HPO <sub>4</sub> ) <sub>6</sub> ]. Journal of Solid State Chemistry, 2000, 154, 507-513.	2.9	25
45	Alkali-Metal Thiogermanates: Sodium Channels and Variations on the La <sub>3</sub> CuSi <sub>7</sub> Structure Type. Inorganic Chemistry, 2015, 54, 1055-1065.	4.0	23
46	Li <sub>3</sub> Fe <sub>2</sub> (HPO <sub>3</sub> ) <sub>3</sub> Cl: an electroactive iron phosphite as a new polyanionic cathode material for Li-ion battery. Journal of Materials Chemistry A, 2015, 3, 7488-7497.	10.3	23
47	Employing Synergetic Effect of Doping and Thin Film Coating to Boost the Performance of Lithium-Ion Battery Cathode Particles. Scientific Reports, 2016, 6, 25293.	3.3	23
48	New insights into the structure, chemistry, and properties of Cu <sub>4</sub> SnS <sub>4</sub> . Journal of Solid State Chemistry, 2017, 253, 192-201.	2.9	23
49	Destruction of Noncentrosymmetry through Chalcogenide Salt Inclusion. Inorganic Chemistry, 2006, 45, 5245-5247.	4.0	22
50	Combined Theoretical and Experimental Approach to the Discovery of Electrochemically Active Mixed Polyanionic Phosphatonitrates, AFePO <sub>4</sub> NO <sub>3</sub> (A = NH <sub>4</sub> /Li, K). Chemistry of Materials, 2016, 28, 5029-5036.	6.7	22
51	A Layered Zinc Phosphate, [C <sub>6</sub> N <sub>4</sub> H <sub>22</sub> ][Zn <sub>6</sub> (PO <sub>4</sub> ) <sub>4</sub> (HPO <sub>4</sub> ) <sub>2</sub> ], Formed by One-Dimensional Tubes. Journal of Solid State Chemistry, 2001, 157, 110-116.	2.9	21
52	Synthesis, Structure, and Optical Properties of the Quaternary Seleno-gallates NaLnGa <sub>4</sub> Se <sub>8</sub> (Ln = La, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 3603-3609.	4.0	21
53	Iron Borophosphate as a Potential Cathode for Lithium- and Sodium-Ion Batteries. Chemistry of Materials, 2015, 27, 7058-7069.	6.7	21
54	Unusual Atmospheric Water Trapping and Water Induced Reversible Restacking of 2D Gallium Sulfide Layers in NaGaS <sub>2</sub> Formed by Supertetrahedral Building Unit. Chemistry of Materials, 2020, 32, 5589-5603.	6.7	21

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55	SYNTHESIS, STRUCTURE AND PROPERTIES OF MANGANESE(II) COMPLEXES WITH AROYLHYDRAZONES OF 2-PYRIDINE-CARBOXALDEHYDE. <i>Journal of Coordination Chemistry</i> , 1999, 48, 87-95.	2.2	20
56	Chemical routes to GeS <sub>2</sub> and GeSe <sub>2</sub> nanowires. <i>Chemical Communications</i> , 2004, , 2698.	4.1	20
57	Synthesis and Characterization of a Series of Structurally and Electronically Diverse Fe(II) Complexes Featuring a Family of Triphenylamido-Amine Ligands. <i>Inorganic Chemistry</i> , 2010, 49, 108-122.	4.0	20
58	Linear-Chain AlPOs Obtained by the Reaction of Amine Phosphates with Al <sup>3+</sup> Ions. <i>Journal of Solid State Chemistry</i> , 2001, 156, 185-193.	2.9	18
59	Targeting triple negative breast cancer cells by N <sub>3</sub> -substituted 9,10-Phenanthrenequinone thiosemicarbazones and their metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 114-119.	3.9	18
60	Tetragonal versus Hexagonal: Structure-Dependent Catalytic Activity of Co/Zn Bimetallic Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2016, 55, 9250-9257.	4.0	18
61	Synthesis, Structures, and Properties of Layered Quaternary Chalcogenides of the General Formula A <sub>n</sub> LnEQ <sub>4</sub> (A = K, Rb; Ln = Ce, Pr, Eu; E = Si, Ge; Q = S, Se). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 2395-2401.	1.2	17
62	Synthesis, Structure, Magnetic and Optical Properties of Ternary Thio-germanates: Ln <sub>4</sub> (GeS <sub>4</sub> ) <sub>3</sub> (Ln = Ce, Nd). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 649-656.	1.2	17
63	Na <sub>1.515</sub> EuGeS <sub>4</sub> , A Three-Dimensional Crystalline Assembly of Empty Nanotubules Constructed with Europium(II/III) Mixed Valence Ions. <i>Inorganic Chemistry</i> , 2012, 51, 11779-11786.	4.0	17
64	Phosphite as Polyanion-Based Cathode for Li-Ion Battery: Synthesis, Structure, and Electrochemistry of LiFe(HPO <sub>3</sub> ) <sub>2</sub> . <i>Inorganic Chemistry</i> , 2015, 54, 6566-6572.	4.0	17
65	Solution-mediated synthesis of a three-dimensional zinc phosphate in the presence of a monoamine. <i>Journal of Materials Chemistry</i> , 2000, 10, 2606-2608.	6.7	16
66	Properties of a mixed-valent iron compound with the kagomé lattice. <i>Physical Review B</i> , 2003, 67, .	3.2	16
67	Regiospecific C(naphthyl)-H Bond Activation by Platinum(II) - Isolation, Characterization, Reactivity and TD-DFT Study of the Cycloplatinatate Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 3739-3748.	2.0	16
68	Magnetically Frustrated Quaternary Chalcogenides with Interpenetrating Diamond Lattices. <i>Inorganic Chemistry</i> , 2017, 56, 7650-7656.	4.0	16
69	A synthetic iron phosphate mineral, spheniscidite, [NH <sub>4</sub> ][Fe <sub>2</sub> (OH)(H <sub>2</sub> O)(PO <sub>4</sub> ) <sub>2</sub> ]·H <sub>2</sub> O, exhibiting reversible dehydration. <i>Journal of Chemical Sciences</i> , 1999, 111, 627-637.	1.5	14
70	An Ordered Assembly of Filled Nanoscale Tubules of Europium Seleno-silicate in the Crystal Structure of a Quaternary Compound. <i>Journal of the American Chemical Society</i> , 2007, 129, 9270-9271.	13.7	14
71	Structural, optical, and magnetic properties of Na <sub>8</sub> Eu <sub>2</sub> (Si <sub>2</sub> S <sub>6</sub> ) <sub>2</sub> and Na <sub>8</sub> Eu <sub>2</sub> (Ge <sub>2</sub> S <sub>6</sub> ) <sub>2</sub> : Europium(II) quaternary chalcogenides that contain an ethane-like (Si <sub>2</sub> S <sub>6</sub> ) <sup>6-</sup> or (Ge <sub>2</sub> S <sub>6</sub> ) <sup>6-</sup> moiety. <i>Journal of Solid State Chemistry</i> , 2015, 226, 74-80.	2.9	14
72	Investigating the Structural, Spectroscopic, and Electrochemical Properties of [Fe{(E)PiPr <sub>2</sub> } <sub>2</sub> N] <sub>2</sub> (E = Tj, ETQq, O, O, rgBT, Overlock, 10 T). <i>Inorganic Chemistry</i> , 2016, 2016, 5332-5339.	2.0	14

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73	A new three-dimensional open-framework iron(III) phosphate, [C <sub>2</sub> N <sub>2</sub> H <sub>10</sub> ][Fe <sub>2</sub> (HPO <sub>4</sub> ) <sub>4</sub> ]. <i>Solid State Sciences</i> , 2000, 2, 217-223.	0.7	13
74	Cyclic acetate dimers formed by C-H...O hydrogen bonds in an open-framework zinc phosphate-acetate. <i>New Journal of Chemistry</i> , 2001, 25, 213-215.	2.8	13
75	Structural study of chemically durable BaO-FeO-P <sub>2</sub> O <sub>5</sub> glasses by Mössbauer spectroscopy and high performance liquid chromatography. <i>Journal of Non-Crystalline Solids</i> , 2017, 460, 106-112.	3.1	12
76	Reentrant high-conduction state in Cu <sub>1.2</sub> S <sub>4</sub> under pressure. <i>Solid State Communications</i> , 2007, 142, 369-372.	1.9	11
77	Kagomé lattices as cathode: Effect of particle size and fluoride substitution on electrochemical lithium insertion in sodium- and ammonium Jarosites. <i>Journal of Solid State Chemistry</i> , 2016, 242, 78-86.	2.9	11
78	Low temperature hydrothermal synthesis of Na <sub>3</sub> Fe <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> F <sub>3</sub> and its cathode electrochemistry in Na- and Li-ion batteries. <i>Journal of Solid State Chemistry</i> , 2021, 295, 121922.	2.9	11
79	A layered aluminum phosphate, [C <sub>2</sub> N <sub>2</sub> H <sub>10</sub> ][Al <sub>2</sub> (OH)2H <sub>2</sub> O(PO <sub>4</sub> ) <sub>2</sub> ]H <sub>2</sub> O, by the amine phosphate route. <i>Solid State Sciences</i> , 2000, 2, 87-94.	0.7	10
80	Understanding the building-up process of three dimensional open-framework metal phosphates: Acid degradation of the 3D structures to lower dimensional structures Electronic supplementary information (ESI) available: typical experimental parameters. See <a href="http://www.rsc.org/suppdata/cc/b2/b210037c/">http://www.rsc.org/suppdata/cc/b2/b210037c/</a> . <i>Chemical Communications</i> , 2003, , 366-367.	4.1	10
81	Two non-centrosymmetric cubic seleno-germanates related to CsCl-type structure; Synthesis, structure, magnetic and optical properties. <i>Journal of Solid State Chemistry</i> , 2007, 180, 1381-1389.	2.9	10
82	5-Mercapto-1,3,4-thiadiazole-2(3H)-thione: Synthesis and Structure of Alkylated Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 747-754.	2.6	10
83	A 1-D coordination polymer route to catalytically active Co@C nanoparticles. <i>RSC Advances</i> , 2016, 6, 38533-38540.	3.6	10
84	Fe Doping in LiMn <sub>1.5</sub> Ni <sub>0.5</sub> O <sub>4</sub> by Atomic Layer Deposition Followed by Annealing: Depths and Occupation Sites. <i>Journal of Physical Chemistry C</i> , 2021, 125, 7560-7567.	3.1	10
85	Synthesis of a Family of Solids through the Building-Block Approach: A Case Study with Ag+ Substitution in the Ternary Na-Ge-Se System. <i>Inorganic Chemistry</i> , 2007, 46, 2017-2027.	4.0	9
86	Ternary alkali ion thiogallates, A <sub>5</sub> GaS <sub>4</sub> (A = Li and Na), with isolated tetrahedral building units and their ionic conductivities. <i>Dalton Transactions</i> , 2021, 50, 7372-7379.	3.3	9
87	Synthesis and characterization of a family of Co(II) triphenylamido-amine complexes and catalytic activity in controlled radical polymerization of olefins. <i>Polyhedron</i> , 2013, 52, 78-90.	2.2	8
88	Regioselective and regiospecific C(naphthyl)-H bond activation: Isolation, characterization, crystal structure and TDDFT study of isomeric cyclopalladates. <i>Journal of Organometallic Chemistry</i> , 2014, 761, 147-155.	1.8	8
89	Metallic Ternary Telluride with Sphalerite Superstructure. <i>Inorganic Chemistry</i> , 2016, 55, 2114-2122.	4.0	8
90	Electrochemistry of Illusive Barbosolite, Fe <sup>2+</sup> Fe <sup>3+</sup> <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> (OH) <sub>2</sub> : An Iron Phosphate Related to Lipscombite Structure. <i>Journal of the Electrochemical Society</i> , 2019, 166, A3585-A3592.	2.9	8

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91	Is the Electrophilicity of the Metal Nitrene the Sole Predictor of Metal-Mediated Nitrene Transfer to Olefins? Secondary Contributing Factors as Revealed by a Library of High-Spin Co(II) Reagents. <i>Organometallics</i> , 2021, 40, 1974-1996.	2.3	8
92	High Sodium-Ion Conductivity in Interlocked Quaternary Chalcogenides Built with Supertetrahedral Building Units. <i>ACS Applied Energy Materials</i> , 2021, 4, 7942-7951.	5.1	8
93	A Cubic Non-Centrosymmetric Mixed-Valence Iron Borophosphate—Phosphite. <i>Crystal Growth and Design</i> , 2016, 16, 1187-1194.	3.0	7
94	Novel synthetic route to liquid crystalline 4,4-bis( <i>n</i> -alkoxy)azoxybenzenes: spectral characterisation, mesogenic behaviour and crystal structure of two new members. <i>Liquid Crystals</i> , 2008, 35, 541-548.	2.2	6
95	C(naphthyl)—H bond activation by rhodium: isolation, characterization and TD-DFT study of the cyclometallates. <i>RSC Advances</i> , 2011, 1, 1279.	3.6	6
96	Diferriic oxo-bridged complexes of a polydentate aminopyridyl ligand: synthesis, structure and catalytic reactivity. <i>Transition Metal Chemistry</i> , 2014, 39, 909-915.	1.4	6
97	The ubiquitous paddle-wheel building block in two-dimensional coordination polymers with square grid structure. <i>Journal of Coordination Chemistry</i> , 2016, 69, 1957-1969.	2.2	6
98	A square channel vanadium phosphite framework as a high voltage cathode for Li- and Na-ion batteries. <i>Materials Advances</i> , 2020, 1, 698-707.	5.4	6
99	A new layered iron fluorophosphate. <i>Journal of Chemical Sciences</i> , 2002, 114, 93-105.	1.5	5
100	Title is missing!. <i>Journal of Structural Chemistry</i> , 2002, 43, 632-642.	1.0	5
101	A highly fluorinated lithium iron phosphate with interpenetrating lattices: electrochemistry and ionic conductivity. <i>Dalton Transactions</i> , 2017, 46, 12588-12596.	3.3	5
102	Soft chemical routes to electrochemically active iron phosphates. <i>Inorganic Chemistry</i> , 2019, 58, 4117-4133.	4.0	5
103	Redox effects on the structure and properties of Na-Mo-Fe-phosphate glasses. <i>Journal of Non-Crystalline Solids</i> , 2021, 557, 120573.	3.1	5
104	Building-block approach to the discovery of Na <sub>8</sub> Mn <sub>2</sub> (Ge <sub>2</sub> Se <sub>6</sub> ) <sub>2</sub> : A polar chalcogenide exhibiting promising harmonic generation signals with a high laser-induced damage threshold. <i>Journal of Alloys and Compounds</i> , 2022, 900, 163392.	5.5	5
105	A layered chlorophosphate, Na <sub>3</sub> [Cd <sub>4</sub> Cl <sub>3</sub> (HPO <sub>4</sub> ) <sub>2</sub> (H <sub>2</sub> PO <sub>4</sub> ) <sub>4</sub> ], containing Na <sup>+</sup> ions in the interlamellar space. <i>New Journal of Chemistry</i> , 2001, 25, 1199-1202.	2.8	4
106	A polymorph of K <sub>4</sub> Ge <sub>4</sub> Se <sub>10</sub> . <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, i155-i155.	0.2	3
107	Metal-based anticancer agents: targeting androgen-dependent and androgen-independent prostate and COX-positive pancreatic cancer cells by phenanthrenequinone semicarbazone and its metal complexes. <i>Transition Metal Chemistry</i> , 2013, 38, 665-673.	1.4	3
108	Ultralow thermal conductivity through the interplay of composition and disorder between thick and thin layers of makovickyite structure. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11207-11215.	5.5	3

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109	Liquid crystalline aryltriazene oxides with two ester units: synthesis, characterisation, structure and thermal properties. <i>Liquid Crystals</i> , 2008, 35, 895-903.	2.2	2
110	Sodium-Stuffed Open-Framework Quaternary Chalcogenide Built with $(\text{Cu}_2\text{Ga}_6\text{S}_{18})_{16}$ Ribbons Cross-Linked by Unusual Linear Cu(I) Pillars. <i>Inorganic Chemistry</i> , 2021, 60, 12059-12066.	4.0	2
111	Structural Evolution of $\text{BaVS}_3$ Under Pressure. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2008, 63, 661-667.	0.7	1
112	Structure of Liquid Crystalline 1-Phenyl-3-[4-[4-(4-octyloxybenzoyloxy)phenyloxycarbonyl]phenyl]triazene-1-oxide at Low Temperature. <i>Molecular Crystals and Liquid Crystals</i> , 2009, 501, 53-61.	0.9	1
113	Bis[2-(1H-imidazol-2-yl)-1H-imidazol-3-ium]silver(I) trinitrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m909-m909.	0.2	1
114	Atomic Layer Deposition: Significant Capacity and Cycle Life Improvement of Lithium Ion Batteries through Ultrathin Conductive Film Stabilized Cathode Particles ( <i>Adv. Mater. Interfaces</i> 8/2015). <i>Advanced Materials Interfaces</i> , 2015, 2, .	3.7	1
115	Reply to comment on "On the reproduction of $\text{Li}_3\text{Fe}_2(\text{HPO}_3)_3\text{Cl}$ " a short discussion on $\text{Li}_3\text{Fe}_2(\text{HPO}_3)_3\text{Cl}$ : an electroactive iron phosphite as a new polyanionic cathode material for Li-ion battery. <i>Journal of Materials Chemistry A</i> , 2019, 7, 15447-15449.	10.3	1
116	Interplay between Oxo and Fluoro in Vanadium Oxyfluorides for Centrosymmetric and Non-Centrosymmetric Structure Formation. <i>Molecules</i> , 2021, 26, 603.	3.8	1
117	Organically Templated Mixed-Valent Iron Sulfates Possessing Kagome and Other Types of Layered Networks.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
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