

# Srinivasan Natarajan

## List of Publications by Year in descending order

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259  
papers

13,584  
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all docs

301  
docs citations

301  
times ranked

7533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Carboxylates with Open Architectures. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1466-1496.	13.8	1,862
2	Proton Conduction in Metal-Organic Frameworks and Related Modularly Built Porous Solids. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2688-2700.	13.8	658
3	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
4	Open-Framework Structures of Transition-Metal Compounds. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4798-4828.	13.8	337
5	Novel Photocatalysts for the Decomposition of Organic Dyes Based on Metal-Organic Framework Compounds. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13759-13768.	2.6	297
6	Metal-organic framework structures – how closely are they related to classical inorganic structures?. <i>Chemical Society Reviews</i> , 2009, 38, 2304.	38.1	294
7	Post-Synthetic Modification of Metal-Organic Frameworks Toward Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2006291.	14.9	266
8	A Novel Open-Framework Cobalt Phosphate Containing a Tetrahedrally Coordinated Cobalt(II) Center: CoPO <sub>4</sub> ·0.5 C <sub>2</sub> H <sub>10</sub> N <sub>2</sub> . <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 639-640.	4.4	216
9	Exploration of a Simple Universal Route to the Myriad of Open-Framework Metal Phosphates. <i>Journal of the American Chemical Society</i> , 2000, 122, 2810-2817.	13.7	208
10	Highly Luminescent and Thermally Stable Lanthanide Coordination Polymers Designed from 4-(Dipyridin-2-yl)aminobenzoate: Efficient Energy Transfer from Tb <sup>3+</sup> to Eu <sup>3+</sup> in a Mixed Lanthanide Coordination Compound. <i>Inorganic Chemistry</i> , 2012, 51, 8818-8826.	4.0	170
11	Role of Temperature and Time in the Formation of Infinite <sup>M-O-M</sup> Linkages and Isolated Clusters in MOFs: A Few Illustrative Examples. <i>Inorganic Chemistry</i> , 2008, 47, 8451-8463.	4.0	150
12	Synthesis, structure and luminescent properties of yttrium benzene dicarboxylates with one- and three-dimensional structure. <i>Dalton Transactions</i> , 2004, , 2923.	3.3	148
13	Combined QuEXAFS-XRD: a new technique in high-temperature materials chemistry; an illustrative in situ study of the zinc oxide-enhanced solid-state production of cordierite from a precursor zeolite. <i>The Journal of Physical Chemistry</i> , 1993, 97, 9550-9554.	2.9	146
14	In situ x-ray diffraction study of crystallization kinetics in PbZr <sub>1-x</sub> Ti <sub>x</sub> O <sub>3</sub> , (PZT, x = 0.0, 0.55, 1.0). <i>Chemistry of Materials</i> , 1994, 6, 750-754.	6.7	138
15	Quasi-2D XY Magnetic Properties and Slow Relaxation in a Body Centered Metal Organic Network of [Co <sub>4</sub> ] Clusters. <i>Journal of the American Chemical Society</i> , 2009, 131, 10140-10150.	13.7	126
16	A novel open-framework zinc phosphate with intersecting helical channels. <i>Chemical Communications</i> , 1999, , 165-166.	4.1	118
17	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
18	Pyridine- and Imidazoledicarboxylates of Zinc: Hydrothermal Synthesis, Structure, and Properties. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2156-2163.	2.0	115

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19	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
20	A New Series of Three-Dimensional Metal-Organic Framework, $[M_2(H_2O)]_3[C_5N_1H_3(COO)_2]_3 \cdot 2H_2O$ , M = La, Pr, and Nd: A Synthesis, Structure, and Properties. <i>Inorganic Chemistry</i> , 2007, 46, 1250-1258.	4.0	114
21	The role of temperature on the structure and dimensionality of MOFs: an illustrative study of the formation of manganese oxy-bis(benzoate) structures. <i>Chemical Communications</i> , 2007, , 4471.	4.1	113
22	Amino Acid Based MOFs: Synthesis, Structure, Single Crystal to Single Crystal Transformation, Magnetic and Related Studies in a Family of Cobalt and Nickel Aminoisophthales. <i>Inorganic Chemistry</i> , 2009, 48, 11660-11676.	4.0	113
23	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
24	Pillaring of CdCl <sub>2</sub> -Like Layers in Lanthanide Metal-Organic Frameworks: Synthesis, Structure, and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2008, 14, 5839-5850.	3.3	100
25	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
26	Three-Dimensional Open-Framework Cobalt(II) Phosphates by Novel Routes. <i>Inorganic Chemistry</i> , 2000, 39, 1426-1433.	4.0	97
27	New Open-Framework Zinc Oxalates Synthesized in the Presence of Structure-Directing Organic Amines. <i>Chemistry of Materials</i> , 1999, 11, 3636-3642.	6.7	96
28	A novel porous sheet aluminophosphate: Al <sub>3</sub> P <sub>4</sub> O <sub>16</sub> · 3/2 [NH <sub>3</sub> (CH <sub>2</sub> ) <sub>4</sub> NH <sub>3</sub> ] <sup>2+</sup> . <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 929.	2.0	95
29	Synthesis and Structures of New Pyromellitate Coordination Polymers with Piperazine as a Ligand. <i>Inorganic Chemistry</i> , 2004, 43, 198-205.	4.0	94
30	Metal-Exchange on Metal-Organic Frameworks: A Synthetic Route to New Metal-Organic Frameworks. <i>Chemistry - A European Journal</i> , 2012, 18, 16642-16648.	3.3	90
31	Photocatalytic Degradation of Dyes and Organics with Nanosized GdCoO <sub>3</sub> . <i>Journal of Physical Chemistry C</i> , 2007, 111, 1665-1674.	3.1	83
32	Three-Dimensional Yttrium Oxalates Possessing Large Channels. <i>Chemistry of Materials</i> , 2001, 13, 185-191.	6.7	81
33	Adsorption-desorption and photocatalytic properties of inorganic-organic hybrid cadmium thiosulfate compounds. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 11285.	2.8	80
34	A Zinc Phosphate Possessing Ladder-like Layers Made Up of Three- and Four-Membered Rings and Infinite Zn-O-Zn Chains. <i>Chemistry of Materials</i> , 1999, 11, 1390-1395.	6.7	79
35	Amine Phosphates as Intermediates in the Formation of Open-Framework Structures. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 3480-3483.	13.8	77
36	Three-Dimensional Open-Framework Neodymium Oxalates with Organic Functional Groups Protruding in 12-Member Channels. <i>Inorganic Chemistry</i> , 2002, 41, 4496-4501.	4.0	77

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37	A novel sheet 4f <sup>3</sup> d mixed-metal pyridine dicarboxylate: synthesis, structure, photophysical properties and its transformation to a perovskite oxide. <i>Chemical Communications</i> , 2005, , 5787.	4.1	77
38	Synthesis of a hierarchy of zinc oxalate structures from amine oxalates. <i>Dalton Transactions RSC</i> , 2001, , 699-706.	2.3	76
39	Aliphatic dicarboxylates with three-dimensional metal-organic frameworks possessing hydrophobic channels. <i>Dalton Transactions</i> , 2003, , 1459-1464.	3.3	76
40	Solving the Structure of a Metal-Substituted Aluminum Phosphate Catalyst by Electron Microscopy, Computer Simulation, and X-ray Powder Diffraction. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1472-1475.	4.4	74
41	A three-dimensional metal-organic framework with a distorted Kagome related layer showing canted antiferromagnetic behaviour. <i>Chemical Communications</i> , 2008, , 1278-1280.	4.1	71
42	Open-Framework Zinc Phosphates Synthesized in the Presence of Structure-Directing Organic Amines. <i>Journal of Solid State Chemistry</i> , 1999, 147, 154-169.	2.9	70
43	Open-Framework Cadmium Succinates of Different Dimensionalities. <i>Inorganic Chemistry</i> , 2002, 41, 5226-5234.	4.0	70
44	Synthesis and structure of the first open-framework cadmium oxalate possessing channels. <i>Chemical Communications</i> , 2000, , 1251-1252.	4.1	68
45	Tin(II) Oxalates Synthesized in the Presence of Structure-Directing Organic Amines: A Members of a Potentially Vast Class of New Open-Framework and Related Materials. <i>Chemistry of Materials</i> , 1998, 10, 3746-3755.	6.7	67
46	Layered Tin(II) Oxalates Possessing Large Apertures. <i>Chemistry of Materials</i> , 1999, 11, 1633-1639.	6.7	67
47	Hydrothermal synthesis, structure and luminescent properties of one-dimensional lanthanide benzenedicarboxylates, [M(NO <sub>3</sub> )M <sub>2</sub> (C <sub>12</sub> H <sub>8</sub> N <sub>2</sub> ) <sub>2</sub> ][(C <sub>8</sub> H <sub>4</sub> O <sub>4</sub> ) <sub>4</sub> ·H <sub>2</sub> O, (M = La, Pr), possessing infinite M-O-M linkages. <i>Journal of Materials Chemistry</i> , 2005, 15, 4588.	6.7	64
48	Reversible Water Intercalation Accompanied by Coordination and Color Changes in a Layered Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2009, 48, 4942-4951.	4.0	64
49	Synthesis and structure of a novel large-pore microporous magnesium-containing aluminophosphate (DAF-1). <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 633.	2.0	63
50	Inorganic-Organic Hybrid Compounds: Synthesis and Structures of New Metal Organic Polymers Synthesized in the Presence of Mixed Dicarboxylates. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 762-770.	2.0	62
51	Synthesis, structure and optical properties of rare-earth benzene carboxylates. <i>Dalton Transactions</i> , 2007, , 4017.	3.3	60
52	CoMn <sub>2</sub> O <sub>4</sub> spinel from a MOF: synthesis, structure and magnetic studies. <i>Dalton Transactions</i> , 2011, 40, 1952.	3.3	60
53	Fluorescent Metal-Organic Frameworks for Selective Sensing of Toxic Cations (Tl <sup>3+</sup> , Tj ETQq1 1 0.784314 rgBT /Over 2017. 82. 1153-1163.	2.8	59
54	Hybrid Open-Framework Iron Phosphate-Oxalates Demonstrating a Dual Role of the Oxalate Unit. <i>Chemistry - A European Journal</i> , 2000, 6, 1168-1175.	3.3	59

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55	An open-framework iron phosphate with large voids, exhibiting spin-crossover. <i>Chemical Communications</i> , 1999, , 1305-1306.	4.1	58
56	Building Open-Framework Metal Phosphates from Amine Phosphates and a Monomeric Four-Membered Ring Phosphate. <i>Journal of Solid State Chemistry</i> , 2000, 152, 302-321.	2.9	58
57	[B <sub>4</sub> O <sub>9</sub> H <sub>2</sub> ] Cyclic Borate Units as the Building Unit in a Family of Zinc Borate Structures. <i>Crystal Growth and Design</i> , 2010, 10, 456-464.	3.0	58
58	An open-framework zincoborate formed by Zn <sub>6</sub> B <sub>12</sub> O <sub>24</sub> clusters. <i>Dalton Transactions RSC</i> , 2002, , 1535-1538.	2.3	57
59	Synthesis, Structure, Photochemical [2 + 2] Cycloaddition, Transformation, and Photocatalytic Studies in a Family of Inorganic-Organic Hybrid Cadmium Thiosulfate Compounds. <i>Crystal Growth and Design</i> , 2011, 11, 5741-5749.	3.0	57
60	A reactive template in the synthesis of a novel layered aluminium phosphate (Al <sub>3</sub> P <sub>4</sub> O <sub>16</sub> ) <sub>3</sub> •[NH <sub>3</sub> (CH <sub>2</sub> ) <sub>5</sub> NH <sub>3</sub> ] <sub>2</sub> •(C <sub>5</sub> H <sub>10</sub> NH <sub>2</sub> ) <sub>+</sub> . <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 565-566.	2.0	56
61	An Unusual Open-Framework Cobalt(II) Phosphate with a Channel Structure That Exhibits Structural and Magnetic Transitions. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3091-3093.	13.8	56
62	Time- and Temperature-Dependent Study in the Three-Component Zinc-Triazolotriazolate-Oxybis(benzoate) System: Stabilization of New Topologies. <i>Crystal Growth and Design</i> , 2009, 9, 3683-3691.	3.0	56
63	[H <sub>3</sub> N(CH <sub>2</sub> ) <sub>2</sub> NH <sub>3</sub> ] <sub>0.52</sub> [Sn <sub>4</sub> P <sub>3</sub> O <sub>12</sub> ] <sup>4-</sup> : An Open-Framework Tin(II) Phosphate. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 978-980.	4.4	52
64	Three-dimensional open-framework zinc phosphates with the structure-directing organic amines acting as ligands. <i>New Journal of Chemistry</i> , 1999, 23, 303-307.	2.8	52
65	Synthesis of a Single Four-Ring (S4R) Molecular Zinc Phosphate and Its Assembly to an Extended Polymeric Structure: A Single-Crystal and in-Situ MAS NMR Investigation. <i>Inorganic Chemistry</i> , 2003, 42, 6265-6273.	4.0	52
66	Direct in situ observation of increasing structural dimensionality during the hydrothermal formation of open-framework zinc phosphates. <i>Chemical Communications</i> , 2001, , 1990-1991.	4.1	51
67	Synthesis, Structure, and Magnetic Properties of a New Eight-Connected Metal-Organic Framework (MOF) based on Co <sub>4</sub> Clusters. <i>Inorganic Chemistry</i> , 2012, 51, 4495-4501.	4.0	51
68	Synthesis and structural characterization of a novel tin(II) phosphonate, Sn <sub>2</sub> (O <sub>3</sub> PCH <sub>3</sub> )(C <sub>2</sub> O <sub>4</sub> ). <i>Journal of Materials Chemistry</i> , 1998, 8, 1477-1479.	6.7	50
69	Assembly of a Secondary Building Unit (SBU) into Two- and Three-Dimensional Structures in Lanthanide Benzenedicarboxylates. <i>Crystal Growth and Design</i> , 2006, 6, 983-988.	3.0	50
70	A Reactive Intermediate in the Synthesis of Iron Arsenates: Synthesis of the First One-Dimensional Iron Arsenate Oxalate and Its Transformation into Two- and Three-Dimensional Iron Arsenates. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1224-1226.	13.8	49
71	Synthesis, Structure, and Polymorphism Studies in Amine-Templated Open-Framework Zinc Phosphites. <i>Inorganic Chemistry</i> , 2008, 47, 5304-5313.	4.0	49
72	Organization of Mn-Clusters in <i>pcu</i> and <i>bcu</i> Networks: Synthesis, Structure, and Properties. <i>Crystal Growth and Design</i> , 2014, 14, 310-325.	3.0	48

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73	Synthesis, Structure, and Solid-State Transformation Studies of Phosphonoacetate Based Hybrid Compounds of Uranium and Thorium. <i>Inorganic Chemistry</i> , 2010, 49, 7927-7934.	4.0	47
74	New Bifunctional Metal-Organic Frameworks and Their Utilization in One-Pot Tandem Catalytic Reactions. <i>Crystal Growth and Design</i> , 2019, 19, 747-755.	3.0	45
75	Three-Dimensional Zinc Phosphates with Open Architectures. <i>Chemistry of Materials</i> , 2000, 12, 2753-2762.	6.7	44
76	Synthesis and Structure of a Tin(II) Phosphatooxalate, $\text{Sn}_2(\text{PO}_4)[\text{C}_2\text{O}_4]_{0.5}$ , Containing One-Dimensional Tin Phosphate Chains. <i>Journal of Solid State Chemistry</i> , 1998, 139, 200-203.	2.9	42
77	Inorganic-Organic Hybrid Compounds: Synthesis, Structure, and Magnetic Properties of the First Organically Templated Iron Oxalate-Phosphite, $[\text{C}_4\text{N}_2\text{H}_{12}][\text{Fe}(\text{HPO}_3)_2(\text{C}_2\text{O}_4)_3]$ , Possessing Infinite $\text{Fe}-\text{O}-\text{Fe}$ Chains. <i>Chemistry of Materials</i> , 2005, 17, 2912-2917.	6.7	42
78	Inorganic hybrid open-framework structures: synthesis and structure of a cobalt phosphate-oxalate, $[\text{C}_4\text{N}_2\text{H}_{12}]_{0.5}[\text{Co}_2(\text{HPO}_4)(\text{C}_2\text{O}_4)_{1.5}]$ . <i>Solid State Sciences</i> , 2000, 2, 365-372.	3.2	41
79	Transformations of two-dimensional layered zinc phosphates to three-dimensional and one-dimensional structures. <i>Journal of Materials Chemistry</i> , 2002, 12, 1044-1052.	6.7	41
80	Inorganic-organic hybrid structure: Synthesis, structure and magnetic properties of a cobalt phosphite-oxalate, $[\text{C}_4\text{N}_2\text{H}_{12}][\text{Co}_4(\text{HPO}_3)_2(\text{C}_2\text{O}_4)_3]$ . <i>Journal of Solid State Chemistry</i> , 2005, 178, 2376-2382.	2.9	41
81	The First One-Dimensional Iron Phosphite-Phosphate, $[\text{Fe}(\text{II})(2,2\text{-bipyridine})(\text{HPO}_3)(\text{H}_2\text{PO}_4)]$ : Synthesis, Structure, and Magnetic Properties. <i>Chemistry of Materials</i> , 2005, 17, 638-643.	6.7	41
82	A Hybrid Open-Framework Aluminum Phosphate-Oxalate Possessing Large Circular 12-Membered Channels. <i>Journal of Solid State Chemistry</i> , 2000, 150, 324-329.	2.9	40
83	Inorganic-Organic Hybrid Structures: Open-Framework Iron Phosphite-Oxalates of Varying Dimensionality. <i>Chemistry - A European Journal</i> , 2007, 13, 968-977.	3.3	40
84	Encapsulation of Silver Nanoparticles in an Amine-Functionalized Porphyrin Metal-Organic Framework and Its Use as a Heterogeneous Catalyst for $\text{CO}_2$ Fixation under Atmospheric Pressure. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2677-2684.	3.3	40
85	Synthons and design in metal phosphates and oxalates with open architectures. <i>Acta Crystallographica Section B: Structural Science</i> , 2001, 57, 1-12.	1.8	39
86	New photocatalysts based on mixed-metal pyridine dicarboxylates. <i>Catalysis Letters</i> , 2007, 115, 27-32.	2.6	39
87	Novel Open-Framework Tin(II) Phosphate Materials Containing $\text{Sn}-\text{O}-\text{Sn}$ Linkages and Three-Coordinated Oxygens. <i>Chemistry of Materials</i> , 1998, 10, 1627-1631.	6.7	38
88	Open-Framework Cadmium Succinates with Interpenetrating Frameworks Formed by Tetrahedral $[\text{Cd}_4\text{O}_{24}]$ and $[\text{BrCd}_4\text{O}_{24}]$ Clusters. <i>Crystal Growth and Design</i> , 2003, 3, 47-51.	3.0	38
89	Use of Polyazaheterocycles in the Assembly of New Cadmium Sulfate Frameworks: Synthesis, Structure, and Properties. <i>Crystal Growth and Design</i> , 2010, 10, 4161-4175.	3.0	38
90	Stepwise Crystallization: Illustrative Examples of the Use of Metalloligands $[\text{Cu}_6(\text{mna})_6]^{6+}$ and $[\text{Ag}_6(\text{Hmna})_2(\text{mna})_4]^{4+}$ ( $\text{H} = 2\text{-Mercapto Nicotinic Acid}$ ) in the Formation of Heterometallic Two- and Three-Dimensional Assemblies with <i>brucite</i> , <i>pcu</i> , and <i>sql</i> Topologies. <i>Crystal Growth and Design</i> , 2014, 14, 4531-4544.	3.0	37

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91	High Proton Mobility, Solvent Induced Single Crystal to Single Crystal Structural Transformation, and Related Studies on a Family of Compounds Formed from Mn <sub>3</sub> Oxo-Clusters. <i>Inorganic Chemistry</i> , 2015, 54, 1254-1271.	4.0	37
92	Fascinating Alkali Halide Structures of Different Dimensionalities Incorporated in Host Lattices. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 3470-3473.	13.8	36
93	Hydro/Solvothermal Synthesis and Structures of New Zinc Phosphates of Varying Dimensionality. <i>Inorganic Chemistry</i> , 2002, 41, 5530-5537.	4.0	36
94	Synthesis, Structure, and Transformation Studies in a Family of Inorganic-Organic Hybrid Framework Structures Based on Indium. <i>Inorganic Chemistry</i> , 2009, 48, 11697-11711.	4.0	36
95	Usefulness of in Situ Single Crystal to Single Crystal Transformation (SCSC) Studies in Understanding the Temperature-Dependent Dimensionality Cross-over and Structural Reorganization in Copper-Containing Metal-Organic Frameworks (MOFs). <i>Crystal Growth and Design</i> , 2011, 11, 5415-5423.	3.0	36
96	Assembling $\mu_2$ -Octamolybdate Clusters into New Polyoxomolybdates with Unusual Architectures. <i>Crystal Growth and Design</i> , 2002, 2, 333-335.	3.0	35
97	Amine-Templated Aluminoborates Exhibiting Graphite and Diamond Nets. <i>Crystal Growth and Design</i> , 2010, 10, 765-774.	3.0	35
98	Synthesis and Characterization of a New Zinc Phosphate, $[\text{NH}_3(\text{CH}_2)_4\text{NH}_3]_2^+[\text{Zn}_2\text{P}_3\text{O}_9(\text{OH})_3]_2^{4-}$ , Containing Alternating Inorganic-Organic Layers. <i>Journal of Solid State Chemistry</i> , 1997, 132, 229-234.	2.9	34
99	Observation of tancoite-like chains in a one-dimensional metal-organic polymer. <i>Journal of Materials Chemistry</i> , 2003, 13, 2937-2941.	6.7	34
100	Amine-Templated Open-Framework Zinc Arsenates of Varying Dimensionalities: Synthesis, Structure, Polymorphism, and Transformation Reactions. <i>Inorganic Chemistry</i> , 2007, 46, 10781-10790.	4.0	34
101	Aza-heterocyclic ligand assisted assembly of new cobalt MOFs with pcu and graphite related structures. <i>Dalton Transactions</i> , 2012, 41, 4135.	3.3	34
102	The relevance of metal organic frameworks (MOFs) in inorganic materials chemistry. <i>Journal of Chemical Sciences</i> , 2012, 124, 339-353.	1.5	34
103	Synthesis of Open-Framework Iron Phosphates, $[\text{C}_6\text{N}_2\text{H}_{14}]_2[\text{Fe}^{\text{II}}_2\text{F}_2(\text{HPO}_4)_2(\text{H}_2\text{PO}_4)_2] \cdot 2\text{H}_2\text{O}$ and $[\text{C}_6\text{N}_2\text{H}_{14}]_2[\text{Fe}^{\text{III}}(\text{OH})\text{F}_3(\text{PO}_4)(\text{HPO}_4)_2] \cdot 2\text{H}_2\text{O}$ , with One- and Three-Dimensional Structures. <i>Journal of Solid State Chemistry</i> , 2002, 165, 334-344.	2.9	33
104	Synthesis and structure of a new three-dimensional indium phosphate with 16-membered one-dimensional channels. Electronic supplementary information (ESI) available: TGA analysis and $^1\text{H}$ decoupled $^{31}\text{P}$ MAS NMR spectrum for I. See <a href="http://www.rsc.org/suppdata/dt/b3/b303998f/">http://www.rsc.org/suppdata/dt/b3/b303998f/</a> . <i>Dalton Transactions</i> , 2003, , 3387.	3.3	33
105	A chiral mixed carboxylate, $[\text{Nd}_4(\text{H}_2\text{O})_2(\text{OOC}(\text{CH}_2)_3\text{COO})_4(\text{C}_2\text{O}_4)_2]$ , exhibiting NLO properties. <i>Journal of Solid State Chemistry</i> , 2004, 177, 1444-1448.	2.9	33
106	Hybrid Open-Framework Iron Phosphate-Oxalates Demonstrating a Dual Role of the Oxalate Unit. <i>Chemistry - A European Journal</i> , 2000, 6, 1168-1175.	3.3	32
107	Layered Cobalt Phosphates by the Amine Phosphate Route. <i>Journal of Solid State Chemistry</i> , 2000, 155, 62-70.	2.9	32
108	Solvothermal Synthesis of a Layered Open-Framework Chlorocadmium Oxalate, $\text{Cd}_2(\text{C}_2\text{O}_4)_0.5\text{Cl}_3\text{NaCl} \cdot 4\text{H}_2\text{O}$ . <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1675-1680.	2.0	32

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127	Synthesis and Structural Characterization of a Layered Tin(II) Phosphate, [Sn <sub>2</sub> (PO <sub>4</sub> ) <sub>2</sub> ] $\cdot$ [C <sub>2</sub> N <sub>2</sub> H <sub>10</sub> ] <sub>2</sub> $\cdot$ H <sub>2</sub> O. Journal of Solid State Chemistry, 1998, 140, 435-439.	2.9	27
128	Three-dimensional open-framework Coll and ZnII phosphates synthesized via the amine phosphate route. Solid State Sciences, 2000, 2, 87-98.	3.2	27
129	Simple linear-chain cobalt phosphates. Dalton Transactions RSC, 2000, , 2595-2598.	2.3	27
130	Synthesis and Characterization of a New Ferrimagnetic Mixed-Valent Iron Fluorophosphate [C <sub>6</sub> N <sub>4</sub> H <sub>21</sub> ][Fe <sup>III</sup> <sub>3-x</sub> Fe <sup>II</sup> <sub>x</sub> F <sub>2</sub> (PO <sub>4</sub> )(HPO <sub>4</sub> ) <sub>2</sub> ] <sub>2</sub> (x <sup>1/4</sup> 1.5) with a Layered Structure. Chemistry of Materials, 2002, 14, 3751-3757.	6.7	27
131	Terephthalate bridged frameworks of Nd and Sm Phthalates. Inorganic Chemistry Communication, 2004, 7, 395-399.	3.9	27
132	Chain Structures in Alkali Metal Borophosphates: Synthesis and Characterization of K <sub>3</sub> [BP <sub>3</sub> O <sub>9</sub> (OH) <sub>3</sub> ] and Rb <sub>3</sub> [B <sub>2</sub> P <sub>3</sub> O <sub>11</sub> (OH) <sub>2</sub> ]. Inorganic Chemistry, 2005, 44, 6431-6438.	4.0	27
133	Lanthanide Sulfate Frameworks: Synthesis, Structure, and Optical Properties. Crystal Growth and Design, 2011, 11, 1347-1356.	3.0	27
134	Solid State and Solution Mediated Multistep Sequential Transformations in Metal-Organic Coordination Networks. Crystal Growth and Design, 2013, 13, 155-168.	3.0	27
135	One-dimensional zinc phosphates with linear chain structure. Journal of Physics and Chemistry of Solids, 2001, 62, 1481-1491.	4.0	26
136	Stabilization of a Tetrahedral (Mn <sup>5+</sup> O <sub>4</sub> ) Chromophore in Ternary Barium Oxides as a Strategy toward Development of New Turquoise/Green-Colored Pigments. Inorganic Chemistry, 2016, 55, 3508-3514.	4.0	26
137	A zinc phosphate, [NH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> NH <sub>3</sub> ][Zn <sub>4</sub> (PO <sub>4</sub> ) <sub>2</sub> (HPO <sub>4</sub> ) <sub>2</sub> ], possessing alternate inorganic and organic layers. Solid State Sciences, 1999, 1, 317-323.	0.7	25
138	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
139	Synthesis and structure of an open-framework chlorophosphate, [C <sub>6</sub> NH <sub>14</sub> ][ZnCl(HPO <sub>4</sub> )]. Journal of Materials Chemistry, 2000, 10, 1171-1175.	6.7	25
140	Synthesis of a layered zinc phosphate, [NH <sub>3</sub> (CH <sub>2</sub> ) <sub>2</sub> NH <sub>2</sub> (CH <sub>2</sub> ) <sub>3</sub> NH <sub>3</sub> ][Zn <sub>2</sub> (PO <sub>4</sub> )(HPO <sub>4</sub> ) <sub>2</sub> ] $\cdot$ H <sub>2</sub> O, and its transformation to a extra-large pore three-dimensional zinc phosphate, [NH <sub>3</sub> (CH <sub>2</sub> ) <sub>2</sub> NH <sub>2</sub> (CH <sub>2</sub> ) <sub>3</sub> NH <sub>3</sub> ][Zn <sub>3</sub> (PO <sub>4</sub> )(HPO <sub>4</sub> ) <sub>3</sub> ]. Chemical Communications, 2002, , 780-781.	4.1	25
141	Solution mediated synthesis and structure of a three-dimensional zinc arsenate, [NH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> NH <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> NH <sub>3</sub> ][Zn <sub>4</sub> (AsO <sub>4</sub> ) <sub>3</sub> (HAsO <sub>4</sub> )] $\cdot$ H <sub>2</sub> O, with intersecting helical channels. Dalton Transactions RSC, 2002, , 3874-3878.	2.3	25
142	Synthesis, Structure and Optical Studies of a Family of Three-Dimensional Rare-Earth Aminoisophthalates [M <sup>1/4</sup> <sub>2</sub> (OH)(C <sub>8</sub> H <sub>5</sub> NO <sub>4</sub> ) <sub>4</sub> ] (M =) Tj ETQq0 0 0 rgBT /Overlock	2.0	25
143	Inorganic Chemistry, 2010, 2010, 3813-3822. Synthesis, Structure and Magnetic Properties of a New Iron Arsenate, [C <sub>10</sub> N <sub>4</sub> H <sub>28</sub> ][{FeF(OH)(HAsO <sub>4</sub> ) <sub>4</sub> }], with a Layer Structure. European Journal of Inorganic Chemistry, 2003, 2003, 3820-3825.	2.0	24
144	Open-Framework Cadmium Oxalates with Channels Stabilized by Alkali Metal Ions. Journal of Solid State Chemistry, 2001, 162, 150-157.	2.9	23

#	ARTICLE	IF	CITATIONS
145	Exploring the Colour of 3d Transition-Metal Ions in Trigonal Bipyramidal Coordination: Identification of Purple-Blue ( $\text{CoO}_5$ ) and Beige-Red ( $\text{NiO}_5$ ) Chromophores in $\text{LiMgBO}_3$ Host. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 288-293.	2.0	23
146	Novel Inorganic Coordination Polymers Based on Cadmium Oxalates. <i>Journal of Solid State Chemistry</i> , 2002, 166, 128-141.	2.9	22
147	Synthesis, structure and magnetic characterization of a one-dimensional iron phosphate,. <i>Journal of Solid State Chemistry</i> , 2003, 173, 367-373.	2.9	22
148	Synthesis, structure and magnetic properties of an inorganic-organic hybrid compound. <i>Journal of Materials Chemistry</i> , 2007, 17, 980-985.	6.7	22
149	The illustrative use of thiosulfate in the formation of new three-dimensional hybrid structures. <i>CrystEngComm</i> , 2009, 11, 55-57.	2.6	22
150	Non-carboxylate based metal-organic frameworks (MOFs) and related aspects. <i>Current Opinion in Solid State and Materials Science</i> , 2009, 13, 46-53.	11.5	22
151	A zinc phosphate oxalate with phosphate layers pillared by the oxalate units. <i>Dalton Transactions RSC</i> , 2001, , 289-291.	2.3	21
152	A Layered Zinc Phosphate, $[\text{C}_6\text{N}_4\text{H}_{22}][\text{Zn}_6(\text{PO}_4)_4(\text{HPO}_4)_2]$ , Formed by One-Dimensional Tubes. <i>Journal of Solid State Chemistry</i> , 2001, 157, 110-116.	2.9	21
153	Hydrothermal Synthesis, Structure and Magnetic Properties of a One-Dimensional Iron Arsenate, $[\text{NH}_3(\text{CH}_2)_2\text{NH}(\text{CH}_2)_2\text{NH}_3][\text{Fe}_2\text{F}_4(\text{HAsO}_4)_2]$ . <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3846-3851.	2.0	21
154	A three-dimensional zeolitic zinc phosphate, $[\text{C}_8\text{N}_5\text{H}_{28}][\text{Zn}_5(\text{PO}_4)_5]\text{H}_2\text{O}$ , with thomsonite structure. <i>Journal of Physics and Chemistry of Solids</i> , 2001, 62, 1499-1505.	4.0	20
155	Title is missing!. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003, 629, 959-962.	1.2	20
156	The Use of Liquid-Liquid Interface (Biphasic) for the Preparation of Benzenetricarboxylate Complexes of Cobalt and Nickel. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3501-3514.	2.0	20
157	Adenine-Based Coordination Polymers: Synthesis, Structure, and Properties. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 2962-2974.	2.0	20
158	Linear-Chain AlPOs Obtained by the Reaction of Amine Phosphates with $\text{Al}^{3+}$ Ions. <i>Journal of Solid State Chemistry</i> , 2001, 156, 185-193.	2.9	18
159	Hierarchical Structures in Tin(II) Oxalates. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1376-1385.	2.0	18
160	New open-framework phosphate and phosphite compounds of gallium. <i>Inorganica Chimica Acta</i> , 2011, 372, 136-144.	2.4	18
161	Synthesis of open-framework zinc phosphite structures of varying dimensionality. <i>Solid State Sciences</i> , 2006, 8, 388-396.	3.2	17
162	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

#	ARTICLE	IF	CITATIONS
163	The First Open-Framework Cadmium Phosphate, $K_4[Cd_3(HPO_4)_4(H_2PO_4)_2]$ , with a Layered Structure. <i>Journal of Solid State Chemistry</i> , 2001, 162, 188-194.	2.9	16
164	Hydrothermal synthesis and structure of a zinc arsenate oxalate, $[NH_3(CH_2)_3NH_2(CH_2)_3NH_3][Zn_3(AsO_4)(HAsO_4)_2(C_2O_4)]$ , and a zinc arsenate, $[\{NH_3(CH_3)_2NH_2(CH_3)_3NH_3\}_2][Zn_6(AsO_4)_4(HAsO_4)_3] \cdot H_2O$ , with three-dimensional structures. <i>Dalton Transactions RSC</i> , 2002, , 4156.	2.3	16
165	Hydrothermal synthesis of the first iron arsenate-oxalate $[C_4N_2H_{12}]_2[Fe_4(HAsO_4)_6(C_2O_4)_2]$ , possessing open architecture. <i>Solid State Sciences</i> , 2002, 4, 405-412.	3.2	16
166	Two- and Three-Dimensional Open-Framework Uranium Arsenates: Synthesis, Structure, and Characterization. <i>Inorganic Chemistry</i> , 2010, 49, 2931-2947.	4.0	16
167	Stabilization of $O_4MnO$ clusters (Mn <sup>5</sup> ) in three dimensionally extended MOF structures: synthesis, structure and properties. <i>CrystEngComm</i> , 2012, 14, 4323.	2.6	16
168	Hydrothermal Synthesis and Structures of Three-Dimensional Zinc Phosphates Built-Up from Two-Dimensional Layers and One-Dimensional Chains and Ladders. <i>Crystal Growth and Design</i> , 2002, 2, 665-673.	3.0	15
169	Hydrothermal synthesis and structure of $[(C_4N_2H_{12})_3][P_2Mo_5O_{23}] \cdot H_2O$ and $[(C_3N_2H_{12})_3][P_2Mo_5O_{23}] \cdot 4H_2O$ . <i>Journal of Chemical Sciences</i> , 2005, 117, 219-226.	1.5	15
170	Stabilization of the Anionic Metalloligand, $[Ag_6(mna)_6]^{6-}$ ( $H_2mna = 2$ -Mercapto Nicotinic Acid), in <i>cor</i> , <i>1±Po</i> , and <i>sql</i> Nets Employing Alkaline Earth Metal Ions: Synthesis, Structure, and Nitroaromatics Sensing Behavior. <i>Crystal Growth and Design</i> , 2016, 16, 3497-3509.	3.0	15
171	Stabilization of $Cu_7$ clusters in azide networks: syntheses, structures and magnetic behaviour. <i>Dalton Transactions</i> , 2016, 45, 5140-5150.	3.3	15
172	A luminescent inorganic-organic hybrid, $[Cd_{16}H_{10}N_2O_8S)(H_2O)]$ , for the selective and recyclable detection of chromates and dichromates in aqueous solution. <i>New Journal of Chemistry</i> , 2019, 43, 13263-13270.	2.8	15
173	A synthetic iron phosphate mineral, spheniscidite, $[NH_4][Fe_2(OH)(H_2O)(PO_4)_2] \cdot H_2O$ , exhibiting reversible dehydration. <i>Journal of Chemical Sciences</i> , 1999, 111, 627-637.	1.5	14
174	$Zn_4O_4$ tetrameric clusters in a zinc phosphate with channels. <i>Dalton Transactions RSC</i> , 2000, , 2499-2500.	2.3	14
175	First porous one-dimensional mixed valent iron molybdophosphate. <i>Solid State Sciences</i> , 2001, 3, 373-379.	0.7	14
176	Synthesis, Structure, and Magnetic Properties of a New Three-Dimensional Iron Phosphite, $[C_4N_2H_{12}][Fe_4(H_2O)_3(HPO_4)_3] \cdot 0.6H_2O$ . <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1386-1391.	3.0	14
177	Color Tuning in Garnet Oxides: The Role of Tetrahedral Coordination Geometry for 3d Metal Ions and Ligand-Metal Charge Transfer (Band-Gap Manipulation). <i>Chemistry - an Asian Journal</i> , 2017, 12, 2734-2743.	3.3	14
178	New Members of SHG Active Dugganite Family, $A_3BC_2D_2O_{14}$ (A = Ba, Pb; B = Te, Sb; C = Al, Ga, Fe, Zn; D) <i>Tj</i> $1.0 \times 10^{-14}$ BT /Over	4.0	14
179	New open-framework layered tin(II) phosphates intercalated with amines. <i>Journal of Materials Chemistry</i> , 1999, 9, 1807-1811.	6.7	13
180	The direct synthesis and characterization of the pillared layer indium phosphate $Na_4[In_8(HPO_4)_{14}(H_2O)_6] \cdot 12(H_2O)$ . <i>Materials Research Bulletin</i> , 2000, 35, 1007-1015.	5.2	13

#	ARTICLE	IF	CITATIONS
181	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> ]. Solid State Sciences, 2000, 2, 217-223.	0.7	13
182	Cyclic acetate dimers formed by C-H...O hydrogen bonds in an open-framework zinc phosphate-acetate. New Journal of Chemistry, 2001, 25, 213-215.	2.8	13
183	Yttrium coordination polymers with layered structures. Solid State Sciences, 2004, 6, 599-604.	3.2	12
184	Effect of metal ion doping on the photocatalytic activity of aluminophosphates. Journal of Chemical Sciences, 2010, 122, 771-785.	1.5	12
185	Exploring the Corundum Structure as a Host for Colored Compounds – Synthesis, Structures, and Optical Studies of (M <sup>2+</sup> ) <sub>3</sub> TeO <sub>6</sub> (M = Mg, Mn, Co, Ni, Zn; M <sup>2+</sup> = Mg, Mn, Co, Ni, Cu). European Journal of Inorganic Chemistry, 2018, 2018, 2277-2284.		12
186	Synthesis and Structure of a New Open-Framework Tin(II) Phosphate, [NH <sub>3</sub> CH <sub>2</sub> CH(NH <sub>3</sub> )CH <sub>3</sub> ] <sub>0.5</sub> [Sn <sub>4</sub> P <sub>3</sub> O <sub>12</sub> ]·H <sub>2</sub> O, Possessing One-Dimensional Channels. Journal of Solid State Chemistry, 1999, 148, 50-55.	2.9	11
187	Open-Framework Zinc Phosphates with Unusual Architectures. Crystal Growth and Design, 2001, 1, 491-499.	3.0	11
188	A layered zinc oxalate possessing a 12-membered honeycomb aperture, stabilized by an amine and an alkali cation. Solid State Sciences, 2002, 4, 633-639.	3.2	11
189	A two-dimensional yttrium phthalate coordination polymer, [Y <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> (C <sub>8</sub> H <sub>4</sub> O <sub>4</sub> ) <sub>6</sub> ] <sup>z-</sup> , exhibiting different coordination geometries. Journal of Chemical Sciences, 2003, 115, 573-586.	1.5	11
190	Hydrothermal synthesis and crystal structure of a two-dimensional zinc vanadate, [(NH <sub>3</sub> (CH <sub>2</sub> ) <sub>3</sub> NH)Zn] <sub>23</sub> <sup>+</sup> [V <sub>4</sub> O <sub>13</sub> ] <sub>6</sub> <sup>-</sup> . Inorganica Chimica Acta, 2003, 348, 233-236.	2.4	11
191	Solvothermal synthesis of an open-framework zinc chlorophosphate, [C <sub>8</sub> N <sub>4</sub> H <sub>26</sub> ][Zn <sub>3</sub> Cl(HPO <sub>4</sub> ) <sub>3</sub> (PO <sub>4</sub> )], with a layer structure. Journal of Solid State Chemistry, 2004, 177, 2198-2204.	2.9	11
192	Solvothermal synthesis and structures of one- and two-dimensional zinc phosphates. Inorganica Chimica Acta, 2004, 357, 1437-1443.	2.4	11
193	Synthesis of open-framework iron phosphates, [C <sub>5</sub> N <sub>2</sub> H <sub>14</sub> ] <sub>2</sub> [Fe <sup>III</sup> 2F <sub>2</sub> (HPO <sub>4</sub> ) <sub>4</sub> ]·2H <sub>2</sub> O and [C <sub>5</sub> N <sub>2</sub> H <sub>14</sub> ][Fe <sup>III</sup> 4(H <sub>2</sub> O) <sub>4</sub> F <sub>2</sub> (PO <sub>4</sub> ) <sub>4</sub> ], with one- and three-dimensional structures. Journal of Solid State Chemistry, 2004, 177, 1117-1126.	2.9	11
194	Magnetic Studies on a New Low-Dimensional Antiferromagnetic Iron Phosphate. Journal of Physical Chemistry B, 2004, 108, 20351-20354.	2.6	11
195	Synthesis, Structure, and Magnetic Properties of Amine-Templated Transition-Metal Phosphites. European Journal of Inorganic Chemistry, 2010, 2010, 1829-1838.	2.0	11
196	Chemical Fixation of CO <sub>2</sub> and Other Heterogeneous Catalytic Studies by Employing a Layered Cu-Porphyrin Prepared Through Single-Crystal to Single-Crystal Exchange of a Zn Analogue. Chemistry - an Asian Journal, 2018, 13, 66-72.	3.3	11
197	A layered aluminum phosphate, [C <sub>2</sub> N <sub>2</sub> H <sub>10</sub> ][Al <sub>2</sub> (OH) <sub>2</sub> H <sub>2</sub> O(PO <sub>4</sub> ) <sub>2</sub> ]H <sub>2</sub> O, by the amine phosphate route. Solid State Sciences, 2000, 2, 87-94.	0.7	10
198	Hydrothermal synthesis of an open-framework manganese oxalate incorporating KCl chains. Materials Research Bulletin, 2003, 38, 477-483.	5.2	10

#	ARTICLE	IF	CITATIONS
199	Visible-Light-Activated C-C Bond Cleavage and Aerobic Oxidation of Benzyl Alcohols Employing BiMXO <sub>5</sub> (M=Mg, Cd, Ni, Co, Pb, Ca and X=V, P). Chemistry - an Asian Journal, 2020, 15, 3104-3115.	3.3	10
200	Inorganic-organic hybrid framework solids. Journal of Chemical Sciences, 2000, 112, 249-272.	1.5	9
201	[C10N2H10][ZnCl(HPO4)] <sub>2</sub> : A New Templated Zincophosphate Containing Tetrahedral Nets with 63 Topology. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 1622-1626.	1.2	9
202	Synthesis, Structure, and Magnetic Properties of a Novel Pillared Layered Iron(III) Arsenate, [4,4'-bpyH <sub>2</sub> ] <sub>3</sub> [Fe <sub>9</sub> (H <sub>2</sub> O) <sub>6</sub> F <sub>3</sub> (HAsO <sub>4</sub> ) <sub>4</sub> ]. Journal of Physical Chemistry B, 2007, 111, 12700-12706.	2.9	9
203	Synthesis, structure and magnetic behavior of a new three-dimensional Manganese phosphite-oxalate: [C2N2H10][Mn2II(OH)2(HPO3)2(C2O4)]. Journal of Solid State Chemistry, 2009, 182, 2491-2496.	2.9	9
204	Switchable Room-Temperature Ferroelectric Behavior, Selective Sorption and Solvent-Exchange Studies of [H <sub>3</sub> O][Co <sub>2</sub> (dat)(sdba) <sub>2</sub> ]·nH <sub>2</sub> O. ChemPlusChem, 2016, 81, 733-742.	2.8	9
205	Palladium Nanoparticles Encapsulated in [M(C <sub>19</sub> H <sub>11</sub> N <sub>2</sub> O <sub>2</sub> ) <sub>2</sub> ]·nH <sub>2</sub> O (M = Ti, Zr, Hf). ChemistrySelect, 2016, 16, 6992-6999.	1.0	9
206	Synthesis and structural characterization of a novel tin (II) oxyphosphate, [NH <sub>4</sub> ] <sub>2</sub> [Sn <sub>3</sub> O(PO <sub>4</sub> ) <sub>2</sub> ]·nH <sub>2</sub> O, containing one-dimensional chains constructed from tin phosphate cages. Journal of Materials Chemistry, 1998, 8, 2757-2760.	6.7	8
207	Synthesis and structure of a layered zinc phosphate acetate, [C5H10NH <sub>2</sub> ] <sub>2</sub> [Zn(ZnO <sub>2</sub> CCH <sub>3</sub> )(PO <sub>4</sub> )(HPO <sub>4</sub> )]. Dalton Transactions RSC, 2002, , 2088-2091.	2.3	8
208	Synthesis and Structure of a Molecular Zinc Phosphate [(C <sub>12</sub> H <sub>8</sub> N <sub>2</sub> Zn) <sub>2</sub> (HPO <sub>4</sub> )(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub> ]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 2543-2548.	1.2	8
209	Inorganic-organic hybrid structures: Synthesis, structure and magnetic properties of a new iron oxalatoarsenate, [NH <sub>3</sub> (CH <sub>2</sub> )CH(NH <sub>3</sub> )CH <sub>3</sub> ] <sub>3</sub> [Fe <sub>6</sub> (AsO <sub>4</sub> ) <sub>2</sub> (HAsO <sub>4</sub> ) <sub>6</sub> (C <sub>2</sub> O <sub>4</sub> ) <sub>3</sub> ]. Solid State Sciences, 2006, 8, 692-697.	3.2	8
210	The first observation of a Na <sub>2</sub> TiS <sub>2</sub> related structure in a 2-D anionic manganese trimesate intercalated by cationic imidazole,. CrystEngComm, 2009, 11, 560.	2.6	8
211	Unique Colours of 3d-Transition-Metal-Substituted Lyonsite Molybdates and Their Derivatives: The Role of Multiple Coordination Geometries and Metal-to-Metal Charge Transfer. European Journal of Inorganic Chemistry, 2016, 2016, 3883-3891.	2.0	8
212	Selective Separation of Aliphatic Nitriles by Employing a Two-Dimensional Interdigitated Coordination Polymer. Chemistry - an Asian Journal, 2017, 12, 1807-1815.	3.3	8
213	Cu <sub>6</sub> S <sub>6</sub> Clusters as a Building Block for the Stabilization of Coordination Polymers with NiAs, NaCl, and Related Structures: Synthesis, Structure, and Catalytic Studies. European Journal of Inorganic Chemistry, 2018, 2018, 739-750.	2.0	8
214	Synthesis and characterization of submicron-sized mesoporous aluminosilicate spheres. Journal of Chemical Sciences, 2001, 113, 227-234.	1.5	7
215	Amine-Intercalated Layered SnII Phosphates with Open-Framework Structures. European Journal of Inorganic Chemistry, 2006, 2006, 3463-3471.	2.0	7
216	Selective Sensing of Nitrophenols by a Inorganic Coordination Polymer: [Cd <sub>2</sub> (C <sub>4</sub> H <sub>4</sub> O <sub>5</sub> ) <sub>2</sub> (C <sub>5</sub> H <sub>5</sub> N <sub>7</sub> ) <sub>2</sub> ]. ChemistrySelect, 2016, 1, 2413-2421.	1.0	7

#	ARTICLE	IF	CITATIONS
217	Interpenetrated and Catenated Zinc Thiosulfates Frameworks with <i>dia</i> and <i>qtz</i> Nets: Synthesis, Structure, and Properties. <i>Crystal Growth and Design</i> , 2016, 16, 2239-2248.	3.0	7
218	Synthesis, structures and magnetic studies of new copper-azides. <i>Inorganica Chimica Acta</i> , 2018, 483, 26-38.	2.4	7
219	Tuning the Langasite, $\text{La}_3\text{SbZn}_3\text{Si}_2\text{O}_{14}$ , towards white light emission: synthesis, structure, SHG and photoluminescence studies. <i>Dalton Transactions</i> , 2020, 49, 17649-17657.	3.3	7
220	A lanthanum pyromellitate coordination polymer with three-dimensional structure. <i>Journal of Chemical Sciences</i> , 2004, 116, 65-69.	1.5	6
221	Polymorphism of $[\text{Zn}(\text{2-}^{\text{bipy}})(\text{H}_2\text{PO}_4)_2]_2$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006, 632, 37-41.	1.2	6
222	A Reactive Intermediate, $[\text{Ni}_5(\text{C}_6\text{H}_4\text{N}_3)_6(\text{CO})_4]$ , in the Formation of Nonameric Clusters of Nickel, $[\text{Ni}_9(\text{C}_6\text{H}_4\text{N}_3)_{12}(\text{CO})_6]$ and $[\text{Ni}_9(\text{C}_6\text{H}_4\text{N}_3)_{12}(\text{CO})_6] \cdot 2(\text{C}_3\text{H}_7\text{NO})$ . <i>Journal of Chemical Sciences</i> , 2014, 126, 1477-1491.	1.5	6
223	C-C Coupling of Aryl Chlorides and Reduction of Nitroarenes to Amines Employing Recyclable Heterogeneous Green Catalysts. <i>ChemNanoMat</i> , 2022, 8, .	2.8	6
224	Hydrothermal synthesis, structure and magnetic properties of a new three-dimensional iron arsenate $[\text{C}_6\text{N}_4\text{H}_2\text{I}][\text{FeII}_3(\text{HAsO}_4)_6]$ . <i>Materials Research Bulletin</i> , 2006, 41, 973-980.	5.2	5
225	Rare-earth carboxylates, $[\text{Ln}_2(\text{C}_6\text{H}_4\text{N}_3)_6(\text{OH})(\text{C}_4\text{H}_4\text{O}_5)_2(\text{C}_4\text{H}_4\text{O}_5)_2]$ [Ln = Ce, Pr and Nd]: synthesis, structure and properties. <i>CrystEngComm</i> , 2014, 16, 4774-4782.		
226	Organization of Copper Azide Clusters into Two-Dimensional Structures: Synthesis, Structure, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2173-2183.	2.0	5
227	Solvent-Dependent Delamination, Restacking, and Ferroelectric Behavior in a New Charge-Separated Layered Compound: $[\text{NH}_4][\text{Ag}_3(\text{C}_9\text{H}_5\text{NO}_4)_2(\text{C}_{13}\text{H}_5)_2]$ . <i>Chemistry - an Asian Journal</i> , 2017, 12, 101-109.	3.3	5
228	Stuffed Tridymite Structures: Synthesis, Structure, Second Harmonic Generation, Optical, and Multiferroic Properties. <i>Chemistry - A European Journal</i> , 2021, 27, 1995-2008.	3.3	5
229	Intercalation of Nanoscale Multiferroic Spacers between the Two-Dimensional Interlayers of MXene. <i>ACS Omega</i> , 2022, 7, 20369-20375.	3.5	5
230	Synthesis, structure and properties of a new layered gadolinium benzenedicarboxylate with piperazine. <i>Inorganica Chimica Acta</i> , 2005, 358, 4051-4056.	2.4	4
231	Hydrothermal synthesis and structures of two zero-dimensional zinc phosphate polymorphs. <i>Solid State Sciences</i> , 2005, 7, 1542-1548.	3.2	4
232	Synthesis, structure and magnetic properties of the polyoxovanadate cluster $[\text{Zn}_2(\text{NH}_2(\text{CH}_2)_2\text{NH}_2)_5][\{\text{Zn}(\text{NH}_2(\text{CH}_2)_2\text{NH}_2)_2\}_2\{\text{V}_2\text{O}_7(\text{H}_2\text{O})\}] \cdot x\text{H}_2\text{O}$ ( $x \approx 12$ ), possessing a layered structure]. <i>Journal of Chemical Sciences</i> , 2006, 118, 57-65.	1.5	4
233	Friedl-nder, Knoevenagel, and Michael Reactions Employing the Same MOF: Synthesis, Structure, and		

#	ARTICLE	IF	CITATIONS
235	Synthesis and Structure of the First Three-legged Low-dimensional Iron Phosphate, $[H_3N(CH_2)_3NH_2(CH_2)_2NH_2(CH_2)_3NH_3][Fe_3F_6(HPO_4)_2(PO_4)] \cdot 3H_2O$ . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 2549-2553.	1.2	3
236	A new open-framework zinc arsenate $[C_4N_3H_{16}]_2[Zn_5(AsO_4)_4(HAsO_4)_2]$ . Inorganic Chemistry Communication, 2010, 13, 163-166.	3.9	3
237	Stabilization of $Co^{3+}$ Oxoclusters in a <i>pcu</i> Net: Synthesis, Structure, Solvent Exchange (Single Crystal to Single Crystal) and Magnetic Studies. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 2922-2930.	1.2	3
238	Hierarchy of structures in the family of amine templated open-framework gallium arsenates. Inorganica Chimica Acta, 2010, 363, 2929-2937.	2.4	2
239	Syntheses, Structures, and Magnetic Behavior of New Azide Linked Compounds with One- and Two-Dimensional Structures. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1730-1738.	1.2	2
240	Aliphatic amine mediated assembly of $[M_6(mna)_6]$ ( $M = Cu/Ag$ ) into extended two-dimensional structures: synthesis, structure and Lewis acid catalytic studies. New Journal of Chemistry, 2021, 45, 6503-6511.	2.8	2
241	Structural evolution of transition metal orthoborates ( $Zn_3B_2O_6 \rightarrow Co_3B_2O_6$ ) with the Kotoite mineral structure: Synthesis, structure and properties. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .	1.2	2
242	Diamondoid Networks. , 2004, , 1-12.		1
243	Metal Carboxylates with Open Architectures. ChemInform, 2004, 35, no.	0.0	1
244	New Series of Pentanary Oxides, $AM_2C_6Te_3O_{18}$ ( $A = Pb, Sr; M = Mn, Cd; C = Ni, Co$ ): Synthesis, Structure, and Magnetic and Optical Properties. Journal of Physical Chemistry C, 2020, 124, 25071-25077.	3.1	1
245	TOWARDS UNDERSTANDING OF THE FORMATION OF OPEN-FRAMEWORK SOLIDS: THE RELATIONSHIP BETWEEN BUILDING UNITS, DIMENSIONALITY AND STRUCTURE. , 2003, , .		1
246	Bohrium " A new element in the periodic table. Resonance, 2000, 5, 95-100.	0.3	0
247	Synthesis and Structure of a One-Dimensional Aluminum Phosphate, $[NH_3(CH_2)_2NH_2(CH_2)_3NH_3]_3 \cdot [Al(PO_4)_2]_3$ . ChemInform, 2003, 34, no.	0.0	0
248	Solution Mediated Synthesis and Structure of the First Anionic Bis-(hexaborato)-Zincate Prepared in the Presence of an Organic Amine.. ChemInform, 2003, 34, no.	0.0	0
249	Synthesis of a Single Four-Ring (S4R) Molecular Zinc Phosphate and Its Assembly to an Extended Polymeric Structure: A Single-Crystal and in situ MAS NMR Investigation.. ChemInform, 2003, 34, no.	0.0	0
250	Synthesis, Structure and Magnetic Properties of a New Iron Arsenate, $[C_{10}N_4H_{28}][\{FeF(OH)(HAsO_4)\}_4]$ , with a Layer Structure.. ChemInform, 2004, 35, no.	0.0	0
251	Synthesis and Structure of the First Three-Legged Low-Dimensional Iron Phosphate, $[H_3N(CH_2)_3NH_2(CH_2)_2NH_2(CH_2)_3NH_3][Fe_3F_6(HPO_4)_2(PO_4)] \cdot 3H_2O$ . ChemInform, 2004, 35, no.	0.0	0
252	Hydrothermal Synthesis, Structure and Magnetic Properties of a One-Dimensional Iron Arsenate, $[NH_3(CH_2)_2NH_2(CH_2)_2NH_3][Fe_2F_4(HAsO_4)_2]$ . ChemInform, 2004, 35, no.	0.0	0

#	ARTICLE	IF	CITATIONS
253	Hydrothermal Synthesis and Structure of $[(C_4N_2H_{12})_3 [P_2Mo_5O_{23}] \cdot H_2O$ and $[(C_3N_2H_{12})_3 [P_2Mo_5O_{23}] \cdot 4H_2O]$ . ChemInform, 2005, 36, no.	0.0	0
254	Chain Structures in Alkali Metal Borophosphates: Synthesis and Characterization of $K_3[BP_3O_9(OH)_3]$ and $Rb_3[B_2P_3O_{11}(OH)_2]$ . ChemInform, 2005, 36, no.	0.0	0
255	Inter-relationship between the structures of metal-organic frameworks: is there a role for an intermediate?. Studies in Surface Science and Catalysis, 2007, , 732-738.	1.5	0
256	Frontispiece: Switchable Room-Temperature Ferroelectric Behavior, Selective Sorption and Solvent-Exchange Studies of $[H_3O][Co_2(dat)(sdba)_2] \cdot H_2O$ . ChemPlusChem, 2016, 81, .	2.8	0
257	Cover Feature: Syntheses, Structures, and Magnetic Behavior of New Azide Linked Compounds with One- and Two-Dimensional Structures (Z. Anorg. Allg. Chem. 22/2017). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1722-1722.	1.2	0
258	Frontispiece: Stuffed Tridymite Structures: Synthesis, Structure, Second Harmonic Generation, Optical, and Multiferroic Properties. Chemistry - A European Journal, 2021, 27, .	3.3	0
259	An Unusual Open-Framework Cobalt(II) Phosphate with a Channel Structure That Exhibits Structural and Magnetic Transitions. World Scientific Series in 20th Century Chemistry, 2003, , 489-491.	0.0	0