

Shailesh Upreti

List of Publications by Year in descending order

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43
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docs citations

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times ranked

1792
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron and Manganese Pyrophosphates as Cathodes for Lithium-Ion Batteries. Chemistry of Materials, 2011, 23, 293-300.	6.7	123
2	Can Vanadium Be Substituted into LiFePO ₄ ?. Chemistry of Materials, 2011, 23, 4733-4740.	6.7	110
3	Comparative Study of the Capacity and Rate Capability of LiNi _y Mn _y Co _{1-2y} O ₂ (y = 0.5, 0.45, 0.4, 0.33). Journal of the Electrochemical Society, 2011, 158, A516.	2.9	74
4	An Organic Coprecipitation Route to Synthesize High Voltage LiNi _{0.5} Mn _{1.5} O ₄ . ACS Applied Materials & Interfaces, 2013, 5, 10227-10232.	8.0	69
5	Stability and Rate Capability of Al Substituted Lithium-Rich High-Manganese Content Oxide Materials for Li-Ion Batteries. Journal of the Electrochemical Society, 2011, 159, A116-A120.	2.9	65
6	Novel Bile Acid-Based Cyclic Bisimidazolium Receptors for Anion Recognition. Organic Letters, 2006, 8, 1755-1758.	4.6	60
7	Electrochemical performance of Al-graphite composite as anode for lithium-ion batteries. Electrochemistry Communications, 2011, 13, 158-161.	4.7	53
8	Structure-Directing Role of Hydrogen-Bonded Dimers of Phenylenediammonium Cations: Supramolecular Assemblies of Octamolybdate-Based Organic-Inorganic Hybrids. Crystal Growth and Design, 2005, 5, 1837-1843.	3.0	45
9	Role of Nonbonding Interactions in the Crystal Growth of Phenazinediamine Tetrahydrate: New Insights into the Occurrence of 2D Water Layers in Crystal Hydrates. Crystal Growth and Design, 2007, 7, 966-971.	3.0	45
10	Towards understanding the rate capability of layered transition metal oxides LiNi _y Mn _y Co _{1-2y} O ₂ . Journal of Power Sources, 2014, 268, 106-112.	7.8	41
11	Role of Hydrogen-Bonded Interactions in the Crystal Packing of Phenylenediammonium Phosphomolybdates. Crystal Growth and Design, 2006, 6, 2066-2071.	3.0	35
12	Shaping the cavity of calixarene architecture for molecular recognition: synthesis and conformational properties of new azocalix[4]arenes. Tetrahedron, 2006, 62, 7854-7865.	1.9	33
13	Electrochemical performances of LiMnPO ₄ synthesized from non-stoichiometric Li/Mn ratio. Physical Chemistry Chemical Physics, 2011, 13, 18099.	2.8	31
14	Crystal Structure, Physical Properties, and Electrochemistry of Copper Substituted LiFePO ₄ Single Crystals. Chemistry of Materials, 2012, 24, 166-173.	6.7	31
15	Anion recognition by bisimidazolium and bisbenzimidazolium cholapods. Tetrahedron, 2007, 63, 171-176.	1.9	28
16	Synthesis of calix[4]arene(amido)monocrowns and their photoresponsive derivatives. Tetrahedron, 2006, 62, 9758-9768.	1.9	27
17	Synthesis of cesium selective pyridyl azocalix[n]arenes. Tetrahedron, 2006, 62, 2901-2911.	1.9	26
18	Effect of Ligand Architecture on the Structure and Properties of Square-Planar Nickel(II) Complexes of Amide-Based Macrocycles. European Journal of Inorganic Chemistry, 2007, 2007, 3247-3259.	2.0	25

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of layered and scrolled amine-templated vanadium oxides. <i>Journal of Materials Science</i> , 2008, 43, 4742-4748.	3.7	23
20	Tin-Iron Based Nano-Materials as Anodes for Li-Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2011, 158, A1498.	2.9	23
21	Mononuclear manganese carboxylate complexes: Synthesis and structural studies. <i>Polyhedron</i> , 2006, 25, 3628-3638.	2.2	19
22	Manganese complexes as models for manganese-containing pseudocatalase enzymes: Synthesis, structural and catalytic activity studies. <i>Polyhedron</i> , 2007, 26, 3625-3632.	2.2	19
23	An unusual decarboxylative benzannulation and biaryl formation during copper(I)-promoted halogen atom transfer radical cyclization of 2-allylaryl trichloroacetates. <i>Tetrahedron Letters</i> , 2007, 48, 7994-7997.	1.4	18
24	Structure, defects and thermal stability of delithiated olivine phosphates. <i>Journal of Materials Chemistry</i> , 2012, 22, 20482.	6.7	18
25	A facile one-pot access to cone and 1,3-alternate conformers of calix[4]arene-bis(amido)crowns. <i>Tetrahedron</i> , 2007, 63, 5636-5642.	1.9	15
26	The first examples of benzidinium cations templated low-dimensional molybdates. <i>Inorganica Chimica Acta</i> , 2005, 358, 1241-1246.	2.4	14
27	Hydrogen-bonded mononuclear nickel(II) benzoate complexes: synthesis and structural studies. <i>Transition Metal Chemistry</i> , 2009, 34, 513-520.	1.4	8
28	Crystallization of Calcium Vanadate Solids from Solution: A Metathetic Route. <i>Crystal Growth and Design</i> , 2010, 10, 5078-5084.	3.0	8
29	Conformational morphosis in azocalix[4]arenes. <i>CrystEngComm</i> , 2007, 9, 119-122.	2.6	7
30	Lithium cobalt(II) pyrophosphate, $\text{Li}_{1.86}\text{CoP}_2\text{O}_7$, from synchrotron X-ray powder data. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, i58-i59.	0.2	7
31	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
32	Water Oligomers in the Crystal Engineering of Phenylenediammonium Diphosphopentamolybdates. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 69-75.	0.6	6
33	Butane-1,4-diammonium diphosphopentamolybdate: a new inorganic-organic hybrid solid. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m414-m416.	0.2	5
34	Synthesis of Methyl Metallocenecarboxylates [$\text{1-4-Ph}_4\text{-n}(\text{SiMe}_3)_n\text{C}_4\text{Co}\{\text{1-5-MeOC(O)C}_5\text{H}_4\}$] ($n = 1, 2$) and Their Desilylation Reactions: Structural Studies and Conversion to Metallocenecarboxylic Acids and Their Alcohol Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 5022-5032.	2.0	5
35	Synthesis and evaluation of neutral anion receptors based on acylhydrazide-appended calix[4]arenes. <i>Supramolecular Chemistry</i> , 2012, 24, 672-683.	1.2	5
36	Synthesis, Spectral Characterization of Four Symmetrical and Unsymmetrical Organotellurium(II) Compounds: $\text{O}^{\text{H}}\text{N}^{\text{H}}\text{CH}^{\text{H}}\text{N}^{\text{H}}$, $\text{CH}^{\text{H}}\text{N}^{\text{H}}\text{CH}^{\text{H}}\text{N}^{\text{H}}$, and $\text{CH}^{\text{H}}\text{N}^{\text{H}}\text{O}^{\text{H}}$ Secondary Interactions in X-ray Crystal Structures of $4\text{-MeOC}_6\text{H}_4\text{TeCH}_2\text{CH}_2\text{CH}_2\text{N}^{\text{H}}\text{C}(\text{CH}_3)_3\text{C}_6\text{H}_4\text{H}$ ($\text{b} < \text{a} < \text{c}$) and $\text{Te}[\text{CH}_2\text{CH}_2\text{CH}_2\text{N}^{\text{H}}\text{C}(\text{CH}_3)_3\text{C}_6\text{H}_4\text{H}]_2\text{O}^{\text{H}}$	0.7	4

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37	A novel lithium copper iron phosphate with idealized formula $\text{Li}_5\text{Cu}_2\text{Fe}^{2+}\text{Fe}^{3+}(\text{PO}_4)_4$: crystal structure and distribution of defects. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, i29-i29.	0.2	3
38	Crystallization of Hybrid Molybdates based on Organic Bases. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1190-1194.	1.2	3
39	Bis[4-(n-octyloxy)phenyl]diazene oxide. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3602-o3604.	0.2	2
40	Structure and Stability of Olivine Phase FePO_4 . Materials Research Society Symposia Proceedings, 2011, 1333, 30301.	0.1	2
41	1-Phenyl-3-{4-[4-(4-undecyloxybenzoyloxy)phenyloxycarbonyl]phenyl}triazene 1-oxide. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o676-o676.	0.2	0