

# Thazhe Kootteri Prasad

## List of Publications by Year in descending order

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26  
papers

4,348  
citations

623734

14  
h-index

552781

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

5948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen Storage in Metal-Organic Frameworks. <i>Chemical Reviews</i> , 2012, 112, 782-835.	47.7	3,283
2	High Gas Sorption and Metal-Ion Exchange of Microporous Metal-Organic Frameworks with Incorporated Imide Groups. <i>Chemistry - A European Journal</i> , 2010, 16, 14043-14050.	3.3	244
3	A Cubic $3d^4f$ Structure with Only Ferromagnetic Gd-Mn Interactions. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2851-2854.	13.8	180
4	Control of Interpenetration and Gas Sorption Properties of Metal-Organic Frameworks by a Simple Change in Ligand Design. <i>Chemistry - A European Journal</i> , 2012, 18, 8673-8680.	3.3	135
5	A Novel Water Octamer in $Ce(dipic)_2(H_2O)_3 \cdot 4H_2O$ : Crystallographic, Thermal, and Theoretical Studies. <i>Crystal Growth and Design</i> , 2006, 6, 488-491.	3.0	99
6	Solvent Dependent Crystallization of Isomeric Chain Coordination Polymers in the Ce-Zn/Cd-dipic System. <i>Crystal Growth and Design</i> , 2008, 8, 1346-1352.	3.0	59
7	Cerium(IV)-Lanthanide(III)-Pyridine-2,6-dicarboxylic Acid System: Coordination Salts, Chains, and Rings. <i>Inorganic Chemistry</i> , 2009, 48, 11543-11550.	4.0	54
8	Coordinatively polymeric and monomeric bismuth(III) complexes with pyridine carboxylic acids. <i>Dalton Transactions</i> , 2010, 39, 1935-1940.	3.3	46
9	Redox Control of Photoinduced Electron Transfer in Axial Terpyridoxy Porphyrin Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 7512-7522.	4.0	45
10	Synthesis, structure and spectral studies on mixed ligand copper(II) complexes of diimines and acetylacetonate. <i>Polyhedron</i> , 2008, 27, 113-117.	2.2	33
11	$[M(dipicH_2)(H_2O)_3]^{2+}$ , M=Ni, Cu, Zn (dipicH <sub>2</sub> =dipicolinic acid) - A combined crystallographic, spectroscopic and computational study. <i>Polyhedron</i> , 2007, 26, 1364-1372.	2.2	32
12	1-Dimensional and 2-dimensional coordination network structures in the Ba-Ce-dipicH <sub>2</sub> system (dipicH <sub>2</sub> =dipicolinic acid). <i>Polyhedron</i> , 2005, 24, 1487-1496.	2.2	30
13	Magnetic and optical bistability in tetrairon(III) single molecule magnets functionalized with azobenzene groups. <i>Dalton Transactions</i> , 2012, 41, 8368.	3.3	26
14	Inter-conversion of 1-D coordination polymers in the Ce-Sr-dipicH <sub>2</sub> system (dipicH <sub>2</sub> =dipicolinic acid). <i>Inorganic Chemistry Communication</i> , 2005, 8, 1116-1119.	3.9	20
15	Water Repellency in Hydrophobic Nanocapsules - Molecular View on Dewetting. <i>Chemistry - A European Journal</i> , 2014, 20, 6659-6664.	3.3	12
16	Molecular insights into $\pm$ -synuclein interaction with individual human core histones, linker histone, and dsDNA. <i>Protein Science</i> , 2021, 30, 2121-2131.	7.6	11
17	Mixed ligand tris-chelate of copper(II) with N,N-donor ligands - Synthesis, structure and spectra of $[Cu(en)(phen)_2]X_2 \cdot 2phen \cdot 8H_2O$ (X=Cl <sup>-</sup> , NO <sub>3</sub> <sup>-</sup> ). <i>Polyhedron</i> , 2011, 30, 725-729.	2.2	7
18	Heterometallic coordination compounds of dipicolinic acid with Ce(III,IV) and Cu(II): Synthesis, crystal structure and spectral studies. <i>Inorganica Chimica Acta</i> , 2010, 363, 2971-2976.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Metal-Organic Frameworks Incorporating Various Alkoxy Pendant Groups: Hollow Tubular Morphologies, X-ray Single-Crystal Structures, and Selective Carbon Dioxide Adsorption Properties. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2257-2263.	3.3	6
20	Target identification for small-molecule discovery in the FOXO3a tumor-suppressor pathway using a biodiverse peptide library. <i>Cell Chemical Biology</i> , 2021, 28, 1602-1615.e9.	5.2	6
21	Synthesis and Structural Characterisation of a Mixed-valent Cerium Complex Containing a (H <sub>2</sub> O) <sub>38</sub> Cluster. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 55-61.	0.6	4
22	Tris(4-oxy-pyridinium)nitrato lanthanide complexes [M(4-O-C <sub>6</sub> H <sub>4</sub> NH) <sub>3</sub> (NO <sub>3</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ][NO <sub>3</sub> ] {M = La, Ce, Pr, Nd, Eu, Gd} - Synthesis, properties and structural characterization. <i>Inorganica Chimica Acta</i> , 2010, 363, 2990-2995.	2.4	3
23	Silver(I) complexes of 2-(2-aminoethyl)pyridine: nitrate and perchlorate salts of bis[1/4-2-(2-aminoethyl)pyridine-1/2N:N]disilver(I). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, m281-m283.	0.4	2
24	Novel three-dimensional coordination polymers of lanthanides with sulfate and oxydiacetic acid. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2013, 69, 1503-1508.	0.4	2
25	Synthesis of multifunctional metal-organic frameworks and tuning the functionalities with pendant ligands. <i>Dalton Transactions</i> , 2020, 49, 15034-15040.	3.3	2
26	Solvent water tapes in two hydrates of 1/4-oxo-bis[bis(2,2'-bipyridine-1/2N,N')(sulfato-1/2O)iron(III)]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m480-m483.	0.4	1