

Mr Prathapachandra Kurup

List of Publications by Year in descending order

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33
papers

679
citations

516710

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580821

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g-index

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33
docs citations

33
times ranked

782
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization and biological studies of Schiff bases derived from heterocyclic moiety. <i>Bioorganic Chemistry</i> , 2017, 70, 67-73.	4.1	66
2	Title is missing!. <i>Transition Metal Chemistry</i> , 1997, 22, 578-582.	1.4	58
3	Synthesis of mono- and binuclear dioxomolybdenum(VI) complexes derived from N(4)-substituted thiosemicarbazones: X-ray crystal structures of [(MoO ₂ L ₁) ₂], [MoO ₂ L ₁ py] and [MoO ₂ L ₂ py]. <i>Polyhedron</i> , 2007, 26, 3595-3601.	2.2	48
4	Chemistry of molecular and supramolecular structures of vanadium(IV) and dioxygen-bridged V(V) complexes incorporating tridentate hydrazone ligands. <i>Inorganica Chimica Acta</i> , 2009, 362, 4191-4197.	2.4	42
5	Synthesis and spectral studies of cadmium(II) complexes derived from di-2-pyridyl ketone and N4-phenylsemicarbazide: First structural report of a cadmium(II) complex of semicarbazone. <i>Polyhedron</i> , 2008, 27, 1825-1831.	2.2	39
6	Spectral characterization and crystal structure of 2-benzoylpyridine nicotinoyl hydrazone. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 353-358.	3.9	38
7	Synthesis, spectroscopy, electrochemistry, crystal structures and in vitro cytotoxicity of mononuclear molybdenum(VI) complexes incorporating tridentate ONO donor aroylhydrazone with auxiliary coordination site. <i>Inorganica Chimica Acta</i> , 2018, 483, 44-52.	2.4	31
8	Syntheses, EPR spectral studies and crystal structures of manganese(II) complexes of neutral N,N donor bidentate Schiff bases and azide/thiocyanate as coligand. <i>Polyhedron</i> , 2010, 29, 2643-2650.	2.2	28
9	Dioxidomolybdenum(VI) complexes of tridentate ONO donor aroylhydrazones: Syntheses, spectral and structural characterization. <i>Polyhedron</i> , 2017, 123, 206-216.	2.2	27
10	A reversible thermo-responsive 2D Zn(II) coordination polymer as a potential self-referenced luminescent thermometer. <i>Journal of Materials Chemistry C</i> , 2020, 8, 2525-2532.	5.5	26
11	Polymeric polymorphs and a monomer of pseudohalide incorporated Cu(II) complexes of 2,4-dichlorido-6-((2-(dimethylamino)ethylimino)methyl)phenol]: Crystal structures and spectroscopic behavior. <i>Inorganica Chimica Acta</i> , 2016, 443, 251-266.	2.4	25
12	Visible light-driven photocatalytic degradation of methylene blue dye over bismuth-doped cerium oxide mesoporous nanoparticles. <i>Environmental Science and Pollution Research</i> , 2021, 28, 4147-4155.	5.3	22
13	Formulation and evaluation of β -cyclodextrin-mediated inclusion complexes of isoniazid scaffolds: molecular docking and <i>in vitro</i> assessment of antitubercular properties. <i>New Journal of Chemistry</i> , 2020, 44, 4467-4477.	2.8	21
14	Transition Metal Complexes of Furan-2-aldehyde Thiosemicarbazone. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2003, 33, 1275-1287.	1.8	19
15	Synthesis, Spectral Characterization and Crystal Structures of Dioxidomolybdenum(VI) Complexes Derived from Nicotinoylhydrazones. <i>Journal of Chemical Crystallography</i> , 2019, 49, 219-231.	1.1	19
16	Cd(II) and Ni(II) complexes from a tridentate NNO Schiff base: Crystal structures, spectral aspects and Hirshfeld surface analysis. <i>Polyhedron</i> , 2019, 158, 386-397.	2.2	17
17	Synthesis and Characterization of Iron(III) Complexes of a Substituted 2-Acetyl, Pyridine Thiosemicarbazone. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1998, 28, 1415-1426.	1.8	16
18	Synthesis, characterization, biological screening and molecular docking of Zn(II) and Cu(II) complexes of 3,5-dichlorosalicylaldehyde-N-cyclohexylthiosemicarbazone. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5294.	3.5	16

#	ARTICLE	IF	CITATIONS
19	Transition metal complexes of 2-formylthiophene S-methyldithiocarbazate. <i>Transition Metal Chemistry</i> , 1997, 22, 507-509.	1.4	14
20	Crystallographic, spectroscopic and theoretical investigations on Ni(II) complexes of a tridentate NNS donor thiosemicarbazone. <i>Polyhedron</i> , 2019, 158, 398-407.	2.2	14
21	Synthesis and characterization of Mo(VI) complexes derived from ONO donor acylhydrazones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 78, 1424-1428.	3.9	12
22	Diversities in the chelation of aroylhydrazones towards cobalt(II) salts: Synthesis, spectral characterization, crystal structure and some theoretical studies. <i>Journal of Molecular Structure</i> , 2021, 1232, 129978.	3.6	12
23	Synthesis, Characterization and Thermal Studies of Some Iron(III) Complexes of o-Vanillin Oxime. <i>Magyar Árvad Kémlemléve</i> , 2000, 59, 815-825.	1.4	9
24	Synthesis, structural insights and catalytic activity of a dioxidomolybdenum(VI) complex chelated with N4-(3-methoxyphenyl) thiosemicarbazone. <i>Transition Metal Chemistry</i> , 2020, 45, 467-476.	1.4	9
25	A study of structural effects on linear and nonlinear response of bicompartamental Ni (II) Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4900.	3.5	8
26	A Schiff base colorimetric chemosensor for CN ⁻ ion and its dioxidomolybdenum (VI) complexes: Evaluation of structural aspects and optoelectronic properties. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5520.	3.5	8
27	Water-Encapsulated Ni(II) Salphen-Type Host Complexes: Experimental and Theoretical Analysis of Potentially Bioactive Quasi-Isomorphous Polymorphs. <i>ChemistrySelect</i> , 2017, 2, 6493-6502.	1.5	7
28	Structural aspects, spectroscopic and third order nonlinear optical properties of mixed ligand complexes from NNO tridentate Schiff base: Crystal structure of a rare proton bridged Ni(II) complex. <i>Inorganica Chimica Acta</i> , 2019, 495, 118968.	2.4	7
29	An insight into the potent antioxidant activity of a dithiocarbohydrazone appended <i>cis</i> -dioxidomolybdenum (VI) complexes. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5762.	3.5	7
30	A modern approach for the sensing of aqueous Al(III) ion by Ni(II) Salen-type Schiff base complexes. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5064.	3.5	6
31	Structural Insights and Third Order NLO Studies of Pseudohalide-Based Polymeric and Monomeric Congeners of Halo-Substituted Parent Schiff Bases. <i>ChemistrySelect</i> , 2018, 3, 7031-7044.	1.5	5
32	Synthesis, structural, spectral and photoluminescent studies of new polymorphs of Ca(II) and Ba(II) complexes of diglycolic acid. <i>Main Group Chemistry</i> , 2017, 16, 291-305.	0.8	2
33	Crystal growth, characterization and dielectric studies of silica gel-grown polydistrontiumdimalate pentahydrate: a 2D porous metal-organic framework. <i>Main Group Metal Chemistry</i> , 2015, 38, .	1.6	1