

Balasubramanian Murugesapandian

List of Publications by Year in descending order

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34
papers

1,455
citations

430874

18
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1168
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear Trinuclear Mixed-Metal Coll ^{III} Coll Single-Molecule Magnet: [L ₂ Co ₂ Gd][NO ₃] \cdot 2CHCl ₃ (LH ₃ =) Tj ETQq1 1,0,784314	4.0	191
2	Trinuclear Heterobimetallic Ni ₂ Ln complexes [L ₂ Ni ₂ Ln][ClO ₄] (Ln = La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, and Er;) Tj ETQq0 0 0 rgBT /Overloc	4.0	190
3	Paramagnetic Complexes to Single-Molecule Magnet Behavior. Inorganic Chemistry, 2008, 47, 4918-4929. Synthesis, Structure, and Magnetism of Heterobimetallic Trinuclear Complexes {[L ₂ Co ₂ Ln][X]} [Ln = Eu, X = Cl; Ln = Tb, Dy, Ho, X = NO ₃ ; LH ₃ = (S)P[N(Me)N \cdot CH ₂ C ₆ H ₃ -2-OH-3-OMe] ₃]: A 3d ⁷ 4f	4.0	173
4	Cyclophosphazene-based multi-site coordination ligands. Coordination Chemistry Reviews, 2007, 251, 1045-1074.	18.8	158
5	Phosphorus-Supported Ligands for the Assembly of Multimetal Architectures. Accounts of Chemical Research, 2009, 42, 1047-1062.	15.6	101
6	Coumarin based hydrazone as an ICT-based fluorescence chemosensor for the detection of Cu ²⁺ ions and the application in HeLa cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 214, 170-176.	3.9	68
7	Di- and Trinuclear Complexes Derived from Hexakis(2-pyridyloxy)cyclotriphosphazene. Unusual P \cdot O		

#	ARTICLE	IF	CITATIONS
19	36- and 42-Membered cyclophosphazene-containing macrocycles. <i>Tetrahedron Letters</i> , 2006, 47, 8365-8368.	1.4	18
20	Development of C3 symmetric triaminoguanidine-2-naphthol conjugate: Aggregation induced emission, colorimetric and turn-off fluorimetric detection of Co ²⁺ ion, smartphone and real sample applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 406, 112983.	3.9	18
21	Cyclocarbophosphazene-Containing Tetrameric Assemblies Formed by the Mediation of P ⁺ O ⁻ P and P ⁺ O ⁻ Cu Linkages. <i>Journal of the American Chemical Society</i> , 2006, 128, 6802-6803.	13.7	17
22	Multifunctional behavior of bis-acylhydrazone: Real-time detection of moisture in organic solvents, halochromism and aggregation induced emission. <i>Dyes and Pigments</i> , 2021, 185, 108891.	3.7	15
23	All-in-one type ESIPT-active multi-stimuli responsive 7-diethylamino-4-hydroxycoumarin-rhodamine B hydrazone as molecular switches and the reversible photochromic features of its zinc ensemble. <i>Materials Chemistry Frontiers</i> , 2021, 5, 8183-8196.	5.9	15
24	A new 7-diethylamino-4-hydroxycoumarin based reversible colorimetric/fluorometric probe for sequential detection of Al ³⁺ /PPI and its potential use in biodetection and bioimaging applications. <i>New Journal of Chemistry</i> , 2021, 45, 6067-6079.	2.8	15
25	Sodium and potassium compounds of [(η -6-benzenecarboxylate)Cr(CO) ₃] and [(η -1,4-benzenedicarboxylate)Cr(CO) ₃]. <i>Dalton Transactions</i> , 2010, 39, 9598.	3.3	13
26	Synthesis and Structures of Cadmium(II) Complexes with (η -6-Benzenecarboxylate)tricarbonylchromium. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4103-4108.	2.0	11
27	(Iminophosphoranyl)(thiophosphoranyl)methanide {CH(PPh ₂)NSiMe ₃ }(Ph ₂ PS)} ⁺ as a Ligand in Rare-Earth-Element Chemistry. <i>Organometallics</i> , 2013, 32, 1500-1506.	2.3	10
28	Dihaloboreonium cations stabilized by a four-membered N-heterocyclic carbene: electron deficiency compensation by asymmetric structural changes. <i>Dalton Transactions</i> , 2014, 43, 15313-15316.	3.3	8
29	A phosphorus-based compartmental ligand, (S)P[N(Me)NiCH ₂ C ₆ H ₃ -2-O-3-OMe] ₃ (LH3), enables the assembly of luminescent heterobimetallic linear {L ₂ Zn ₂ Ln} ⁺ [Ln = Gd, Tb, Nd and Eu] complexes. <i>Dalton Transactions</i> , 2013, 42, 15447.	3.3	7
30	Synthesis and Structures of Zinc(II) and Cadmium(II) Complexes with (η -6-Benzenecarboxylate) Chromium Tricarbonyl and Pyrazole Derivatives. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 1818-1823.	1.2	6
31	{CH ₂ (PPh ₂)NSiMe ₃ }(PPh ₂ =S)} and {CH(PPh ₂)NSiMe ₃ }(Ph ₂ P=S)} ⁺ as Ligands in Zinc Chemistry: Synthesis and Structures. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4851-4857.	2.0	5
32	Hydrogen bonding networks in [(η -6-arene)Cr(CO) ₃] complexes. <i>Heteroatom Chemistry</i> , 2011, 22, 294-300.	0.7	4
33	Synthesis and Structure of Lead(II) Complexes of (η -6-Benzenecarboxylato)tricarbonylchromium. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 292-297.	2.0	4
34	Nitrogen rich triaminoguanidine-pyrrole conjugate as supramolecular synthon for the construction of charge-assisted hydrogen bonded network with various carboxylic acids. <i>Journal of Solid State Chemistry</i> , 2022, 305, 122637.	2.9	1