

Hitomi Ohmagari

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

245
citations

933447

10
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Luminescence of lanthanide complexes: From fundamental to prospective approaches related to water- and molecular-stimuli. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2022, 50, 100484.	11.6	47
2	Spin-crossover behaviors in solvated cobalt(II) compounds. <i>Dalton Transactions</i> , 2015, 44, 9345-9348.	3.3	37
3	Metal Dilution Effects on the Reverse Spin Transition in Mixed Crystals of Type $[\text{Co}^{1-x}\text{Zn}^x(\text{C}_{16}\text{-terpy})_2](\text{BF}_4)_{2-x}$ ($x = 0.1\text{--}0.7$). <i>Inorganic Chemistry</i> , 2016, 55, 3332-3337.	1.7	17
4	Helicate Lanthanide Complexes: The Luminescent Elements. <i>Chemistry Letters</i> , 2020, 49, 845-854.	1.3	17
5	Reduced graphene oxide-transition metal hybrids for hydrogen generation by photocatalytic water splitting. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 94, 283-286.	1.6	14
6	Chiroptical Spectroscopic Studies on Lanthanide Complexes with Valinamide Derivatives in Solution. <i>ChemPlusChem</i> , 2020, 85, 294-300.	2.8	14
7	Synthesis of mesoporous materials as nano-carriers for an antimalarial drug. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1040-1043.	5.8	13
8	Electrofluorochromic Device Based on a Redox-Active Europium(III) Complex. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46390-46396.	8.0	13
9	A procession on photocatalyst for solar fuel production and waste treatment. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2019, 94, 263-281.	1.6	12
10	Molecular Designs for Enhancement of Polarity in Ferroelectric Soft Materials. <i>Scientific Reports</i> , 2015, 5, 16606.	3.3	11
11	Enhanced thermoelectric properties exhibited by unreduced freestanding graphene oxide/carbon nanotube membranes. <i>Materials Advances</i> , 2021, 2, 5645-5649.	5.4	10
12	Water-dependent charge-transfer-induced spin transition of Prussian blue analogues. <i>Dalton Transactions</i> , 2016, 45, 16784-16788.	3.3	8
13	Mixed Tb/Dy coordination ladders based on tetra(carboxymethyl)thiacalix[4]arene: a new avenue towards luminescent molecular nanomagnets. <i>RSC Advances</i> , 2020, 10, 11755-11765.	3.6	8
14	Magnetism in a helicate complexes arising with the tetradentate ligand. <i>Dalton Transactions</i> , 2021, 50, 494-498.	3.3	6
15	Solvent-Dependent Bending Ability of Salen-Derived Organic Crystals. <i>ChemPlusChem</i> , 2020, 85, 1692-1696.	2.8	5
16	Asymmetric Lumino-Transformer: Circularly Polarized Luminescence of Chiral Eu(III) Coordination Polymer with Phase-Transition Behavior. <i>Journal of Physical Chemistry B</i> , 2022, 126, 3799-3807.	2.6	5
17	$\text{Ca}_2\text{LaNb}_3\text{O}_{10}$ Nanosheet Photocatalyst for Hydrogen Generation from Water Splitting. <i>MRS Advances</i> , 2018, 3, 2847-2854.	0.9	4
18	Functionalised Terpyridines and Their Metal Complexes—Solid-State Interactions. <i>Chemistry</i> , 2021, 3, 199-227.	2.2	3

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19	Coordinated Halide and Pseudo Halide-Dependent Structures and Photoluminescence of Defective Double Cubane Zinc(II) Clusters. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1160-1164.	2.0	1
20	Crystal structures and magnetic properties of manganese(III) complexes with tridentate Schiff base ligands. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 82, 213-218.	1.6	0
21	Crystal structure of bis[4-(1,4,7,10-tetraoxa-13-azacyclopentadecan-13-yl)-2,2,6,6-tetrapyridine]cobalt(III) tris(perchlorate) methanol monosolvate monohydrate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 997-999.	0.5	0
22	Hidden Heterometallic Interaction Emerging from Resonant Inelastic X-ray Scattering in Luminescent Tb-Pt Molecules. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7973-7979.	3.1	0