

Rebecca J Holmberg

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

556
citations

623734

14
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Rearrangement Through Lanthanide Contraction in Dinuclear Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 2102-2112.	4.0	69
2	Observation of unusual slow-relaxation of the magnetisation in a Gd-EDTA chelate. <i>Dalton Transactions</i> , 2015, 44, 20321-20325.	3.3	62
3	Adhering magnetic molecules to surfaces. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11986-11998.	5.5	59
4	Cycloheptatrienyl trianion: an elusive bridge in the search of exchange coupled dinuclear organolanthanide single-molecule magnets. <i>Chemical Science</i> , 2017, 8, 231-240.	7.4	56
5	Supramolecular Assembly of Molecular Rare-Earth 3,5-Dichlorobenzoic Acid 2,6-Terpyridine Materials: Structural Systematics, Luminescence Properties, and Magnetic Behavior. <i>Inorganic Chemistry</i> , 2016, 55, 6902-6915.	4.0	53
6	An unprecedented Collcuboctahedron as the secondary building unit in a Co-based metal-organic framework. <i>Chemical Communications</i> , 2014, 50, 5333-5335.	4.1	41
7	Hybrid Nanomaterials: Anchoring Magnetic Molecules on Naked Gold Nanocrystals. <i>Inorganic Chemistry</i> , 2013, 52, 14411-14418.	4.0	25
8	Hybrid Material Constructed from Hg(NCS) ₂ and 2,4,6-Tris(2-pyrimidyl)-1,3,5-triazine (TPymT): Coordination of TPymT in a 2,2'-Bipyridine-Like Mode. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 441-446.	2.0	25
9	Impact of the coordination environment on the magnetic properties of single-molecule magnets based on homo- and hetero-dinuclear terbium (Tb ^{III}) heteroleptic tris(crownphthalocyaninate). <i>Dalton Transactions</i> , 2016, 45, 9320-9327.	3.3	24
10	A propeller-shaped 1/4-carbonate hexanuclear dysprosium complex with a high energetic barrier to magnetisation relaxation. <i>Dalton Transactions</i> , 2016, 45, 16769-16773.	3.3	24
11	Paramagnetic Nanocrystals: Remarkable Lanthanide-Doped Nanoparticles with Varied Shape, Size, and Composition. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3721-3733.	4.6	19
12	Unprecedented Octanuclear Dy ^{III} Cluster Exhibiting Single-Molecule Magnet Behavior. <i>Crystal Growth and Design</i> , 2017, 17, 5044-5048.	3.0	17
13	Slight synthetic changes eliciting different topologies: synthesis, structure and magnetic properties of novel dinuclear and nonanuclear dysprosium complexes. <i>Dalton Transactions</i> , 2015, 44, 19758-19762.	3.3	15
14	Intercalation of Coordinatively Unsaturated Fe ^{III} Ion within Interpenetrated Metal-Organic Framework MOF-5. <i>Chemistry - A European Journal</i> , 2016, 22, 7711-7715.	3.3	15
15	Characteristics of Colored Passive Layers on Titanium: Morphology, Optical Properties, and Corrosion Resistance. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21576-21584.	8.0	13
16	Enchaining EDTA-chelated lanthanide molecular magnets into ordered 1D networks. <i>RSC Advances</i> , 2016, 6, 72510-72518.	3.6	12
17	Characteristics of Colored Passive Layers on Zirconium: Morphology, Optical Properties, and Corrosion Resistance. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 6487-6498.	8.0	11
18	[Ln ₁₆] complexes (Ln = Gd ^{III} , Dy ^{III}): molecular analogues of natural minerals such as hydrotalcite. <i>Dalton Transactions</i> , 2018, 47, 12847-12851.	3.3	10

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19	Exploring the Promotion of Synthons of Choice: Halogen Bonding in Molecular Lanthanide Complexes Characterized via X-ray Diffraction, Luminescence Spectroscopy, and Magnetic Measurements. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1948-1955.	1.2	6