

Dimitris I Alexandropoulos

List of Publications by Citations

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papers

833
citations

17
h-index

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g-index

43
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941
ext. citations

6
avg, IF

4.3
L-index

#	Paper	IF	Citations
39	A new family of nonanuclear lanthanide clusters displaying magnetic and optical properties. <i>Inorganic Chemistry</i> , 2011 , 50, 11276-8	5.1	79
38	Lanthanide Triangles Supported by Radical Bridging Ligands. <i>Journal of the American Chemical Society</i> , 2018 , 140, 908-911	16.4	75
37	An air stable radical-bridged dysprosium single molecule magnet and its neutral counterpart: redox switching of magnetic relaxation dynamics. <i>Chemical Communications</i> , 2017 , 53, 2283-2286	5.8	64
36	Transition Metal Single-Molecule Magnets: A {Mn} Nanosized Cluster with a Large Energy Barrier of ~60 K and Magnetic Hysteresis at ~5 K. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15644-15647	16.4	49
35	Tetranuclear lanthanide(III) complexes with a zigzag topology from the use of pyridine-2,6-dimethanol: synthetic, structural, spectroscopic, magnetic and photoluminescence studies. <i>Inorganic Chemistry</i> , 2014 , 53, 3220-9	5.1	40
34	Fluorescent naphthalene diols as bridging ligands in Ln(III) cluster chemistry: synthetic, structural, magnetic, and photophysical characterization of Ln(III) ₈ "Christmas stars". <i>Inorganic Chemistry</i> , 2014 , 53, 5420-2	5.1	38
33	Slow magnetization relaxation in unprecedented Mn(III) ₄ Dy(III) ₃ and Mn(III) ₄ Dy(III) ₅ clusters from the use of N-salicylidene-o-aminophenol. <i>Inorganic Chemistry</i> , 2013 , 52, 1179-81	5.1	38
32	Putting a New Spin on Supramolecular Metallacycles: Co Triangle and Co Square Bearing Tetrazine-Based Radicals as Bridges. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11040-11043	16.4	36
31	The highest-nuclearity manganese/oximate complex: an unusual Mn(II/III) ₁₅ cluster with an S = 6 ground state. <i>Inorganic Chemistry</i> , 2010 , 49, 3962-4	5.1	36
30	Dodecanuclear 3d/4f-metal clusters with a 'Star of David' topology: single-molecule magnetism and magnetocaloric properties. <i>Chemical Communications</i> , 2016 , 52, 1693-6	5.8	35
29	A family of 'windmill'-like {CuLn} complexes exhibiting single-molecule magnetism behavior and large magnetic entropy changes. <i>Chemical Communications</i> , 2017 , 53, 4266-4269	5.8	33
28	Increased skeletal muscle glucose uptake by rosemary extract through AMPK activation. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 407-13	3	30
27	Emissive molecular nanomagnets: introducing optical properties in triangular oximate {Mn(III) ₃ } SMMs from the deliberate replacement of simple carboxylate ligands with their fluorescent analogues. <i>Dalton Transactions</i> , 2014 , 43, 1965-9	4.3	26
26	Rare "Janus"-faced single-molecule magnet exhibiting intramolecular ferromagnetic interactions. <i>Chemical Science</i> , 2019 , 10, 1626-1633	9.4	24
25	A tetranuclear complex from the employment of pyridine-2,6-dimethanol in copper(II) nitrate chemistry: Synthetic, structural and magnetic studies. <i>Polyhedron</i> , 2009 , 28, 3235-3242	2.7	22
24	New classes of ferromagnetic materials with exclusively end-on azido bridges: from single-molecule magnets to 2 D molecule-based magnets. <i>Chemistry - A European Journal</i> , 2014 , 20, 13860-4	4.8	20
23	All three-in-one ferromagnetic interactions, single-molecule magnetism and magnetocaloric properties in a new family of [Cu ₄ Ln] (Ln(III) = Gd, Tb, Dy) clusters. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 945-948	6.8	19

22	Approaches to Molecular Magnetic Materials from the Use of Cyanate Groups in Higher Oxidation State Metal Cluster Chemistry: Mn ₁₄ and Mn ₁₆ . <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2286-2290	2.3	16
21	Heterometallic Cu/Ln cluster chemistry: ferromagnetically-coupled {CuLn} complexes exhibiting single-molecule magnetism and magnetocaloric properties. <i>Dalton Transactions</i> , 2018 , 47, 11934-11941	4.3	14
20	Protective effects of N-acetylcystein and atorvastatin against renal and hepatic injury in a rat model of intestinal ischemia-reperfusion. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 89, 673-680	7.5	13
19	Slow magnetic relaxation in Dy and Dy complexes of a versatile, trifunctional polydentate N,O-ligand. <i>Dalton Transactions</i> , 2019 , 48, 14269-14278	4.3	13
18	End-to-end azides as bridging ligands in lanthanide coordination chemistry: Magnetic and magnetocaloric properties of tetranuclear Ln ₄ (Ln = Gd, Dy) complexes exhibiting a rare rhombus topology. <i>Polyhedron</i> , 2018 , 151, 255-263	2.7	12
17	"Molecular Nanoclusters": A 2-nm-Sized {Mn} Cluster with a Spherical Structure. <i>Inorganic Chemistry</i> , 2016 , 55, 12118-12121	5.1	12
16	Slow magnetic dynamics in a family of mononuclear lanthanide complexes exhibiting the rare cubic coordination geometry. <i>Chemical Communications</i> , 2018 , 54, 10136-10139	5.8	12
15	"Squaring the clusters": a Mn(III) ₄ Ni(II) ₄ molecular square from nickel(II)-induced structural transformation of a Mn(II/III/IV) ₁₂ cage. <i>Dalton Transactions</i> , 2012 , 41, 4744-7	4.3	12
14	Hard versus soft: zero-field dinuclear Dy(III) oxygen bridged SMM and theoretical predictions of the sulfur and selenium analogues. <i>Dalton Transactions</i> , 2019 , 48, 2872-2876	4.3	10
13	Switching on single-molecule magnet properties of homoleptic sandwich tris(pyrazolyl)borate dysprosium(III) cations via intermolecular dipolar coupling. <i>Dalton Transactions</i> , 2019 , 48, 10610-10618	4.3	8
12	Experimental determination of single molecule toroic behaviour in a Dy single molecule magnet. <i>Nanoscale</i> , 2019 , 11, 15131-15138	7.7	8
11	Six-coordinate mononuclear dysprosium(III) single-molecule magnets with the triphenylphosphine oxide ligand. <i>Dalton Transactions</i> , 2020 , 49, 4694-4698	4.3	6
10	Increasing the nuclearity and spin ground state in a new family of ferromagnetically-coupled {Ni} disk-like complexes bearing exclusively end-on bridging azido ligands. <i>Chemical Communications</i> , 2018 , 54, 12499-12502	5.8	6
9	New ligands for uranium complexation: A stable uranyl dimer bearing 2,6-diacetylpyridine dioxime. <i>Inorganic Chemistry Communication</i> , 2017 , 78, 13-16	3.1	5
8	New insights in Mn ^{II} a chemistry from the use of oximate-based ligands: {Mn ^{II} /III ₂ Ca ₂ } and {Mn ^{IV} 2Ca ₂ } complexes with relevance to both low- and high-valent states of the oxygen-evolving complex. <i>Polyhedron</i> , 2018 , 149, 39-44	2.7	5
7	Cyanate groups in higher oxidation state metal cluster chemistry: Mixed-valence (II/III) Mn ₁₆ and Mn ₁₈ clusters. <i>Polyhedron</i> , 2016 , 108, 131-142	2.7	4
6	A Co metallacycle stabilized by double anion-π interactions. <i>Chemical Communications</i> , 2019 , 55, 12356-12359	3.8	4
5	Rare nuclearities, new structural motifs, and slow magnetization relaxation phenomena in manganese cluster chemistry: A Mn ₁₅ Na ₂ cage from the use of triethanolamine/pivalate/azide Blend. <i>Polyhedron</i> , 2013 , 64, 91-98	2.7	4

4	Quinoxaline radical-bridged transition metal complexes with very strong antiferromagnetic coupling. <i>Chemical Communications</i> , 2020 , 56, 9122-9125	5.8	1
3	Synthetic tuning of the quantum properties of open-shell radicaloids. <i>Chem</i> , 2021 , 7, 1363-1378	16.2	1
2	A New {Dy ₅ } Single-Molecule Magnet Bearing the Schiff Base Ligand N-Naphthalidene-2-amino-5-chlorophenol. <i>Magnetochemistry</i> , 2018 , 4, 48	3.1	1
1	A manganese (II) dimer bearing the reduced derivatives of nitronyl nitroxides. <i>Polyhedron</i> , 2021 , 209, 115427	2.7	1