Dimitris I Alexandropoulos

List of Publications by Year
in descending order

41 papers	1,044 citations	394421 19 h-index	414414 32 g-index
43 all docs	43 docs citations	43 times ranked	1394 citing authors

#	Article	IF	Citations
1	Lanthanide Triangles Supported by Radical Bridging Ligands. Journal of the American Chemical Society, 2018, 140, 908-911.	13.7	100
2	A New Family of Nonanuclear Lanthanide Clusters Displaying Magnetic and Optical Properties. Inorganic Chemistry, 2011, 50, 11276-11278.	4.0	85
3	An air stable radical-bridged dysprosium single molecule magnet and its neutral counterpart: redox switching of magnetic relaxation dynamics. Chemical Communications, 2017, 53, 2283-2286.	4.1	80
4	Transition Metal Single-Molecule Magnets: A {Mn₃₁} Nanosized Cluster with a Large Energy Barrier of âˆ¼60 K and Magnetic Hysteresis at âˆ¼5 K. Journal of the American Chemical Society, 2017, 139, 15644-15647.	13.7	66
5	Putting a New Spin on Supramolecular Metallacycles: Co₃ Triangle and Co₄ Square Bearing Tetrazine-Based Radicals as Bridges. Journal of the American Chemical Society, 2017, 139, 11040-11043.	13.7	47
6	Tetranuclear Lanthanide(III) Complexes with a Zigzag Topology from the Use of Pyridine-2,6-dimethanol: Synthetic, Structural, Spectroscopic, Magnetic and Photoluminescence Studies. Inorganic Chemistry, 2014, 53, 3220-3229.	4.0	46
7	Slow Magnetization Relaxation in Unprecedented Mn^{III}₄Dy^{III}₃ and Mn^{III}₄Dy^{III}₅ Clusters from the Use of N-Salicylidene-o-aminophenol. Inorganic Chemistry, 2013, 52, 1179-1181.	4.0	41
8	Fluorescent Naphthalene Diols as Bridging Ligands in Ln^{III} Cluster Chemistry: Synthetic, Structural, Magnetic, and Photophysical Characterization of Ln^{III}₈ â€œChristmas Starsâ€• Inorganic Chemistry, 2014, 53, 5420-5422.	4.0	40
9	Dodecanuclear 3d/4f-metal clusters with a â€˜Star of Davidâ€™ topology: single-molecule magnetism and magnetocaloric properties. Chemical Communications, 2016, 52, 1693-1696.	4.1	38
10	The Highest-Nuclearity Manganese/Oximate Complex: An Unusual Mn^{II/III}₁₅ Cluster with an S = 6 Ground State. Inorganic Chemistry, 2010, 49, 3962-3964.	4.0	36
11	Increased skeletal muscle glucose uptake by rosemary extract through AMPK activation. Applied Physiology, Nutrition and Metabolism, 2015, 40, 407-413.	1.9	35
12	A family of â€˜windmillâ€™-like {Cu₆Ln₁₂} complexes exhibiting single-molecule magnetism behavior and large magnetic entropy changes. Chemical Communications, 2017, 53, 4266-4269.	4.1	35
13	Emissive molecular nanomagnets: introducing optical properties in triangular oximato {Mn^{III}₃} SMMs from the deliberate replacement of simple carboxylate ligands with their fluorescent analogues. Dalton Transactions, 2014, 43, 1965-1969.	3.3	28
14	Benzoâ€Extended Cyclohepta[def]fluorene Derivatives with Very Lowâ€Lying Triplet States. Angewandte Chemie - International Edition, 2022, 61, .	13.8	28
15	Rare â€œJanusâ€•faced single-molecule magnet exhibiting intramolecular ferromagnetic interactions. Chemical Science, 2019, 10, 1626-1633.	7.4	27
16	New Classes of Ferromagnetic Materials with Exclusively Endâ€on Azido Bridges: From Singleâ€Molecule Magnets to 2â€‰D Moleculeâ€Based Magnets. Chemistry - A European Journal, 2014, 20, 13860-13864.	3.3	25
17	A tetranuclear complex from the employment of pyridine-2,6-dimethanol in copper(II) nitrate chemistry: Synthetic, structural and magnetic studies. Polyhedron, 2009, 28, 3235-3242.	2.2	22
18	â€˜All three-in-oneâ€™: ferromagnetic interactions, single-molecule magnetism and magnetocaloric properties in a new family of [Cu₄Ln] (Ln^{III} = Gd, Tb, Dy) clusters. Inorganic Chemistry Frontiers, 2015, 2, 945-948.	6.0	22

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19	Heterometallic Cu/Ln cluster chemistry: ferromagnetically-coupled {Cu₄Ln₂} complexes exhibiting single-molecule magnetism and magnetocaloric properties. Dalton Transactions, 2018, 47, 11934-11941.	3.3	20
20	Approaches to Molecular Magnetic Materials from the Use of Cyanate Groups in Higher Oxidation State Metal Cluster Chemistry: Mn₁₄ and Mn₁₆. European Journal of Inorganic Chemistry, 2013, 2013, 2286-2290.	2.0	19
21	â€œMolecular Nanoclustersâ€• A 2-nm-Sized {Mn₂₉} Cluster with a Spherical Structure. Inorganic Chemistry, 2016, 55, 12118-12121.	4.0	19
22	Protective effects of N-acetylcystein and atorvastatin against renal and hepatic injury in a rat model of intestinal ischemia-reperfusion. Biomedicine and Pharmacotherapy, 2017, 89, 673-680.	5.6	19
23	End-to-end azides as bridging ligands in lanthanide coordination chemistry: Magnetic and magnetocaloric properties of tetranuclear Ln4 (Lnâ€¯=â€¯Gd, Dy) complexes exhibiting a rare rhombus topology. Polyhedron, 2018, 151, 255-263.	2.2	17
24	Hard versus soft: zero-field dinuclear Dy(<scp>iii</scp>) oxygen bridged SMM and theoretical predictions of the sulfur and selenium analogues. Dalton Transactions, 2019, 48, 2872-2876.	3.3	17
25	Slow magnetic dynamics in a family of mononuclear lanthanide complexes exhibiting the rare cubic coordination geometry. Chemical Communications, 2018, 54, 10136-10139.	4.1	16
26	Slow magnetic relaxation in Dy2 and Dy4 complexes of a versatile, trifunctional polydentate N,O-ligand. Dalton Transactions, 2019, 48, 14269-14278.	3.3	16
27	â€œSquaring the clustersâ€• a MnIII4NiII4 molecular square from nickel(ii)-induced structural transformation of a MnII/III/IV12 cage. Dalton Transactions, 2012, 41, 4744.	3.3	12
28	Six-coordinate mononuclear dysprosium(<scp>iii</scp>) single-molecule magnets with the triphenylphosphine oxide ligand. Dalton Transactions, 2020, 49, 4694-4698.	3.3	12
29	Increasing the nuclearity and spin ground state in a new family of ferromagnetically-coupled {Ni₁₀} disk-like complexes bearing exclusively end-on bridging azido ligands. Chemical Communications, 2018, 54, 12499-12502.	4.1	11
30	Switching on single-molecule magnet properties of homoleptic sandwich tris(pyrazolyl)borate dysprosium(<scp>iii</scp>) cations via intermolecular dipolar coupling. Dalton Transactions, 2019, 48, 10610-10618.	3.3	11
31	Experimental determination of single molecule toroic behaviour in a Dy₈ single molecule magnet. Nanoscale, 2019, 11, 15131-15138.	5.6	8
32	New insights in Mnâ€“Ca chemistry from the use of oximate-based ligands: {MnII/III2Ca2} and {MnIV2Ca2} complexes with relevance to both low- and high-valent states of the oxygen-evolving complex. Polyhedron, 2018, 149, 39-44.	2.2	7
33	Cyanate groups in higher oxidation state metal cluster chemistry: Mixed-valence (II/III) Mn16 and Mn18 clusters. Polyhedron, 2016, 108, 131-142.	2.2	6
34	A Co₈ metallacycle stabilized by double anionâ€“Ï€ interactions. Chemical Communications, 2019, 55, 12356-12359.	4.1	6
35	Synthetic tuning of the quantum properties of open-shell radicaloids. CheM, 2021, 7, 1363-1378.	11.7	6
36	New ligands for uranium complexation: A stable uranyl dimer bearing 2,6-diacetylpyridine dioxime. Inorganic Chemistry Communication, 2017, 78, 13-16.	3.9	5

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37	A New {Dy5} Single-Molecule Magnet Bearing the Schiff Base Ligand N-Naphthalidene-2-amino-5-chlorophenol. Magnetochemistry, 2018, 4, 48.	2.4	5
38	Rare nuclearities, new structural motifs, and slow magnetization relaxation phenomena in manganese cluster chemistry: A Mn15Na2 cage from the use of triethanolamine/pivalate/azide â€œblendâ€• Polyhedron, 2013, 64, 91-98.	2.2	4
39	Benzoâ€Extended Cyclohepta[def]fluorene Derivatives with Very Lowâ€Lying Triplet States. Angewandte Chemie, 0, , .	2.0	3
40	Quinoxaline radical-bridged transition metal complexes with very strong antiferromagnetic coupling. Chemical Communications, 2020, 56, 9122-9125.	4.1	2
41	A manganese (II) dimer bearing the reduced derivatives of nitronyl nitroxides. Polyhedron, 2021, 209, 115427.	2.2	2