

Dimitris I Alexandropoulos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Benzo-extended Cyclohepta[<i>def</i>]fluorene Derivatives with Very Low-lying Triplet States. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	28
2	Synthetic tuning of the quantum properties of open-shell radicaloids. <i>Chem</i> , 2021, 7, 1363-1378.	11.7	6
3	A manganese (II) dimer bearing the reduced derivatives of nitronyl nitroxides. <i>Polyhedron</i> , 2021, 209, 115427.	2.2	2
4	Quinoxaline radical-bridged transition metal complexes with very strong antiferromagnetic coupling. <i>Chemical Communications</i> , 2020, 56, 9122-9125.	4.1	2
5	Six-coordinate mononuclear dysprosium(<i>iii</i>) single-molecule magnets with the triphenylphosphine oxide ligand. <i>Dalton Transactions</i> , 2020, 49, 4694-4698.	3.3	12
6	Experimental determination of single molecule toric behaviour in a Dy ₈ single molecule magnet. <i>Nanoscale</i> , 2019, 11, 15131-15138.	5.6	8
7	A Co ₈ metallacycle stabilized by double anion-π interactions. <i>Chemical Communications</i> , 2019, 55, 12356-12359.	4.1	6
8	Slow magnetic relaxation in Dy ₂ and Dy ₄ complexes of a versatile, trifunctional polydentate N,O-ligand. <i>Dalton Transactions</i> , 2019, 48, 14269-14278.	3.3	16
9	Rare π - π face-to-face single-molecule magnet exhibiting intramolecular ferromagnetic interactions. <i>Chemical Science</i> , 2019, 10, 1626-1633.	7.4	27
10	Hard <i>versus</i> soft: zero-field dinuclear Dy(<i>iii</i>) oxygen bridged SMM and theoretical predictions of the sulfur and selenium analogues. <i>Dalton Transactions</i> , 2019, 48, 2872-2876.	3.3	17
11	Switching on single-molecule magnet properties of homoleptic sandwich tris(pyrazolyl)borate dysprosium(<i>iii</i>) cations <i>via</i> intermolecular dipolar coupling. <i>Dalton Transactions</i> , 2019, 48, 10610-10618.	3.3	11
12	Lanthanide Triangles Supported by Radical Bridging Ligands. <i>Journal of the American Chemical Society</i> , 2018, 140, 908-911.	13.7	100
13	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.	2.2	17
14	New insights in Mn-Ca 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.	2.2	7
15	Increasing the nuclearity and spin ground state in a new family of ferromagnetically-coupled {Ni ₁₀ } disk-like complexes bearing exclusively end-on bridging azido ligands. <i>Chemical Communications</i> , 2018, 54, 12499-12502.	4.1	11
16	A New {Dy ₅ } Single-Molecule Magnet Bearing the Schiff Base Ligand N-Naphthalidene-2-amino-5-chlorophenol. <i>Magnetochemistry</i> , 2018, 4, 48.	2.4	5
17	Heterometallic Cu/Ln cluster chemistry: ferromagnetically-coupled {Cu ₄ Ln ₂ } complexes exhibiting single-molecule magnetism and magnetocaloric properties. <i>Dalton Transactions</i> , 2018, 47, 11934-11941.	3.3	20
18	Slow magnetic dynamics in a family of mononuclear lanthanide complexes exhibiting the rare cubic coordination geometry. <i>Chemical Communications</i> , 2018, 54, 10136-10139.	4.1	16

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19	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.	4.1	80
20	New ligands for uranium complexation: A stable uranyl dimer bearing 2,6-diacetylpyridine dioxime. <i>Inorganic Chemistry Communication</i> , 2017, 78, 13-16.	3.9	5
21	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.	5.6	19
22	A family of "windmill"-like $\{Cu_6Ln_{12}\}$ complexes exhibiting single-molecule magnetism behavior and large magnetic entropy changes. <i>Chemical Communications</i> , 2017, 53, 4266-4269.	4.1	35
23	Transition Metal Single-Molecule Magnets: A $\{Mn_{31}\}$ Nanosized Cluster with a Large Energy Barrier of ~ 1460 K and Magnetic Hysteresis at ~ 145 K. <i>Journal of the American Chemical Society</i> , 2017, 139, 15644-15647.	13.7	66
24	Putting a New Spin on Supramolecular Metallacycles: Co_3 Triangle and Co_4 Square Bearing Tetrazine-Based Radicals as Bridges. <i>Journal of the American Chemical Society</i> , 2017, 139, 11040-11043.	13.7	47
25	"Molecular Nanoclusters": A 2-nm-Sized $\{Mn_{29}\}$ Cluster with a Spherical Structure. <i>Inorganic Chemistry</i> , 2016, 55, 12118-12121.	4.0	19
26	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.	2.2	6
27	Dodecanuclear 3d/4f-metal clusters with a "Star of David" topology: single-molecule magnetism and magnetocaloric properties. <i>Chemical Communications</i> , 2016, 52, 1693-1696.	4.1	38
28	"All three-in-one": ferromagnetic interactions, single-molecule magnetism and magnetocaloric properties in a new family of $[Cu_4Ln]$ ($Ln^{III} = Gd, Tb, Dy$) clusters. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 945-948.	6.0	22
29	Increased skeletal muscle glucose uptake by rosemary extract through AMPK activation. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 407-413.	1.9	35
30	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, 1965-1969.	3.3	28
31	New Classes of Ferromagnetic Materials with Exclusively End-on Azido Bridges: From Single-Molecule Magnets to σ Molecule-Based Magnets. <i>Chemistry - A European Journal</i> , 2014, 20, 13860-13864.	3.3	25
32	Fluorescent Naphthalene Diols as Bridging Ligands in Ln^{III} Cluster Chemistry: Synthetic, Structural, Magnetic, and Photophysical Characterization of Ln_8 "Christmas Stars". <i>Inorganic Chemistry</i> , 2014, 53, 5420-5422.	4.0	40
33	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, 3220-3229.	4.0	46
34	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.	2.2	4
35	Slow Magnetization Relaxation in Unprecedented Mn_4Dy_3 and Mn_4Dy_5 Clusters from the Use of <i>N</i> -Salicylidene- <i>o</i> -aminophenol. <i>Inorganic Chemistry</i> , 2013, 52, 1179-1181.	4.0	41
36	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.	2.0	19

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37	“Squaring the clusters”: a Mn ^{III} 4Ni ^{II} 4 molecular square from nickel(ii)-induced structural transformation of a Mn ^{II} /III/IV ₁₂ cage. Dalton Transactions, 2012, 41, 4744.	3.3	12
38	A New Family of Nonanuclear Lanthanide Clusters Displaying Magnetic and Optical Properties. Inorganic Chemistry, 2011, 50, 11276-11278.	4.0	85
39	The Highest-Nuclearity Manganese/Oximate Complex: An Unusual Mn ^{II/III} ₁₅ Cluster with an <i>S</i> = 6 Ground State. Inorganic Chemistry, 2010, 49, 3962-3964.	4.0	36
40	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
41	Benzo-Extended Cyclohepta[]fluorene Derivatives with Very Low-Lying Triplet States. Angewandte Chemie, 0, , .	2.0	3