Christos Lampropoulos

List of Publications by Year
in descending order

42	1,000	394421	434195
papers	citations	19 h-index	31 g-index

42	42	42	1114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inducing Single-Molecule Magnetism in a Family of Loop-of-Loops Aggregates: Heterometallic Mn₄₀Na₄ Clusters and the Homometallic Mn₄₄ Analogue. Journal of the American Chemical Society, 2010, 132, 16146-16155.	13.7	123
2	Initial Use of Dioximate Ligands in 3d/4f Cluster Chemistry: Synthesis, Structure, and Magnetic Studies of an Unusual [GdIII2MnIVO]8+ Complex. Inorganic Chemistry, 2009, 48, 429-431.	4.0	63
3	A Large [Mn10Na]4Loop of Four Linked Mn10Loops. Inorganic Chemistry, 2007, 46, 3795-3797.	4.0	61
4	A variety of new tri- and tetranuclear Mnâ€“Ln and Feâ€“Ln (Ln=lanthanide) complexes. Polyhedron, 2010, 29, 54-65.	2.2	58
5	The use of methylsalicyloxime in manganese chemistry: A triangle and its oxidation to a rod. Inorganica Chimica Acta, 2007, 360, 3932-3940.	2.4	53
6	Binding of Higher Alcohols onto Mn₁₂ Single-Molecule Magnets (SMMs): Access to the Highest Barrier Mn₁₂ SMM. Inorganic Chemistry, 2010, 49, 1325-1336.	4.0	51
7	A Caveat for Singleâ€Molecule Magnetism: Nonâ€linear Arrhenius Plots. ChemPhysChem, 2009, 10, 2397-2400.	2.1	48
8	Synthesis, Structure, and Spectroscopic and Magnetic Characterization of [Mn₁₂O₁₂(O₂CCH₂Bu^t)₁₆(MeOH)₄]Â·MeC a Mn₁₂ Single-Molecule Magnet with True Axial Symmetry. Inorganic Chemistry, 2013, 52, 258-272.	4.0	36
9	A Nontwisted, Ferromagnetically Coupled MnIII3O Triangular Complex from the Use of 2,6-Bis(hydroxymethyl)-p-cresol. Inorganic Chemistry, 2009, 48, 813-815.	4.0	34
10	High-Yield Syntheses and Reactivity Studies of Fe10 â€œFerric Wheelsâ€: Structural, Magnetic, and Computational Characterization of a Star-Shaped Fe8 Complex. Inorganic Chemistry, 2008, 47, 9021-9034.	4.0	33
11	Crystal lattice desolvation effects on the magnetic quantum tunneling of single-molecule magnets. Physical Review B, 2009, 80, .	3.2	32
12	On-chip SQUID measurements in the presence of high magnetic fields. Nanotechnology, 2010, 21, 405504.	2.6	31
13	Realization of random-field Ising ferromagnetism in a molecular magnet. Physical Review B, 2010, 82, .	3.2	24
14	Coordination complexes and polymers from the initial application of phenyl-2-pyridyl ketone azine in mercury chemistry. Polyhedron, 2015, 85, 467-475.	2.2	24
15	Oximato-Based Ligands in 3d/4f-Metal Cluster Chemistry: A Family of {Cu₃Ln} Complexes with a â€œPropellerâ€•like Topology and Single-Molecule Magnetic Behavior. Inorganic Chemistry, 2018, 57, 13944-13952.	4.0	22
16	Effects of quantum mechanics on the deflagration threshold in the molecular magnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mn</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:m Physical Review B, 2009, 79, .	3.2	21
17	Geometric-Phase Interference in a<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math>Single-Molecule Magnet with Fourfold Rotational Symmetry. Physical Review Letters, 2013, 110, 087205.	7.8	21
18	Manganese/Cerium Clusters Spanning a Range of Oxidation Levels and CeMn₈, Ce₂Mn₄, and Ce₆Mn₄ Nuclearities: Structural, Magnetic, and EPR Properties. Inorganic Chemistry, 2014, 53, 6805-6816.	4.0	21

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19	â€œLigands-with-Benefitsâ€• Naphthalene-Substituted Schiff Bases Yielding New Ni^{II} Metal Clusters with Ferromagnetic and Emissive Properties and Undergoing Exciting Transformations. Inorganic Chemistry, 2016, 55, 1270-1277.	4.0	20
20	Synthesis, Magnetism, and High-Frequency EPR Spectroscopy of a Family of Mixed-Valent Cuboctahedral Mn13Complexes with 1,8-Naphthalenedicarboxylate Ligands. Inorganic Chemistry, 2008, 47, 11180-11190.	4.0	19
21	A Mn^{II}₆Mn^{III}₆ Single-Strand Molecular Wheel with a Reuleaux Triangular Topology: Synthesis, Structure, Magnetism, and DFT Studies. Inorganic Chemistry, 2013, 52, 12070-12079.	4.0	18
22	A family of mixed-valent tridecanuclear clusters, and their magnetostructural correlation. Polyhedron, 2007, 26, 2129-2134.	2.2	17
23	55Mn nuclear spin relaxation in the truly axial single-molecule magnet Mn12-t-butylacetate thermally-activated down to 400mK. Polyhedron, 2007, 26, 2320-2324.	2.2	16
24	Î±-Benzoin Oxime in Higher Oxidation State 3d Metal Cluster Chemistry: Structural and Magnetic Study of a New Mn^{III}₉Complex. Inorganic Chemistry, 2010, 49, 3077-3079.	4.0	16
25	Introducing Dimensionality to the Archetypical Mn₁₂ Single-Molecule Magnet: a Family of [Mn₁₂]_n Chains. Inorganic Chemistry, 2016, 55, 1367-1369.	4.0	16
26	New Mixedâ€Valence Mn^{II/III}₆ Complexes Bearing Oximato and Azido Ligands: Synthesis, and Structural and Magnetic Characterization. European Journal of Inorganic Chemistry, 2010, 2010, 2244-2253.	2.0	15
27	Spin dynamics in single-molecule magnets combining surface acoustic waves and high-frequency electron paramagnetic resonance. Physical Review B, 2008, 77, .	3.2	14
28	Structural and Magnetic Variations in a Family of Isoskeletal, Oximateâ€Bridged {Mn IV 2 M III } Complexes (M III =Mn, Gd, Dy). Chemistry - A European Journal, 2018, 24, 2588-2592.	3.3	12
29	Alignment of magnetic anisotropy axes in crystals of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mn</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mn</mml:mtext></mml:mrow><mml:mrow><mml:mn>12</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> molecular nanoma. Physical Review B, 2009, 80, .	3.2	11
30	Mercury (II) coordination complexes bearing Schiff base ligands: What affects their nuclearity and/or dimensionality. Polyhedron, 2015, 93, 46-54.	2.2	10
31	Assembly of anion-controlled cadmium(II) coordination polymers from the use of 2-acetyl-pyridyl-isonicotinoylhydrazone. Inorganica Chimica Acta, 2017, 457, 150-159.	2.4	9
32	A convenient MnIII starting material for the synthesis of homo- and heterometallic manganese carboxylate clusters: Mn9 and Mn10â^'xFex complexes. Polyhedron, 2009, 28, 1958-1964.	2.2	7
33	Controlled Dimerization of Mn₁₂ Single-Molecule Magnets. Inorganic Chemistry, 2017, 56, 14755-14758.	4.0	7
34	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
35	4f-Metal Clusters Exhibiting Slow Relaxation of Magnetization: A {Dy7} Complex with An Hourglass-like Metal Topology. Molecules, 2020, 25, 2191.	3.8	7
36	Experimental determination of the Weiss temperature ofMn12-acandMn12-ac-MeOH. Physical Review B, 2010, 82, .	3.2	6

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37	Synthesis, magnetic and spectroscopic characterization of a new Fe7 cluster with a six-pointed star topology. Polyhedron, 2013, 64, 280-288.	2.2	6
38	The surprising pairing of 2-aminoimidazo[1,2-a][1,3,5]triazin-4-one, a component of an expanded DNA alphabet. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 22-28.	0.5	6
39	Using single-molecule magnets as analyte-recognition compounds in photo-electric chemical sensors: Recent results from [Mn12O12(O2CCH3)16(H2O)4]Â·2CH3COOHÂ·4H2O, and [Mn12O12(O2CPh)16(H2O)4]. Polyhedron, 2013, 53, 62-66.	2.2	2
40	â€˜Metal Complexes as Ligandsâ€™ for the Synthesis of Coordination Polymers: A MnIII Monomer as a Building Block for the Preparation of an Unprecedented 1-D {MnIIMnIII}n Linear Chain. Materials, 2020, 13, 1352.	2.9	2
41	Magnetic properties of the layered III-VI diluted magnetic semiconductor Ga1â^'xFexTe. AIP Advances, 2016, 6, 056222.	1.3	1
42	Reprint of â€œUsing single-molecule magnets as analyte-recognition compounds in photo-electric chemical sensors: Recent results from [Mn12O12(O2CCH3)16(H2O)4]Â·2CH3COOHÂ·4H2O, and [Mn12O12(O2CPh)16(H2O)4]â€• Polyhedron, 2013, 66, 294-298.	2.2	0