Joydeb Goura

List of Publications by Year
in descending order

34	816	516215 16	500791 28
papers	citations	h-index	g-index

36	36	36	1032
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular Metal Phosphonates. Chemical Reviews, 2015, 115, 6854-6965.	23.0	170
2	Heterometallic 3dâ€“4f single molecule magnets containing diamagnetic metal ions. Dalton Transactions, 2018, 47, 8841-8864.	1.6	69
3	Hexanuclear, Heterometallic, Ni3Ln3 Complexes Possessing O-Capped Homo- and Heterometallic Structural Subunits: SMM Behavior of the Dysprosium Analogue. Inorganic Chemistry, 2014, 53, 7815-7823.	1.9	47
4	Tetranuclear Lanthanide(III) Complexes in a Seesaw Geometry: Synthesis, Structure, and Magnetism. Inorganic Chemistry, 2014, 53, 3385-3391.	1.9	47
5	Heterometallic Zn₃Ln₃ Ensembles Containing (Î¼₆â€CO₃) Ligand and Triangular Disposition of Ln³⁺ ions: Analysis of Singleâ€Molecule Toroic (SMT) and Singleâ€Molecule Magnet (SMM) Behavior. Chemistry - A European Journal, 2017, 23, 16621-16636.	1.7	42
6	Octanuclear Heterobimetallic {Ni₄Ln₄} Assemblies Possessing Ln₄ Square Grid [2 Ã— 2] Motifs: Synthesis, Structure, and Magnetism. Inorganic Chemistry, 2016, 55, 8422-8436.	1.9	35
7	Chair-Shaped Mn^{II}₂Ln^{III}₄ (Ln = Gd, Tb, Dy, Ho) Heterometallic Complexes Assembled from a Tricompartmental Aminobenzohydrazide Ligand. Crystal Growth and Design, 2015, 15, 848-857.	1.4	30
8	A Singleâ€Ion Magnet Based on a Heterometallic Co^{III}₂Dy^{III} Complex. Chemistry - A European Journal, 2015, 21, 4926-4930.	1.7	30
9	Hexanuclear 3dâ€“4f Neutral Co^{II}₂Ln^{III}₄ Clusters: Synthesis, Structure, and Magnetism. Crystal Growth and Design, 2015, 15, 3157-3165.	1.4	28
10	Carboxylate-Free Manganese(II) Phosphonate Assemblies: Synthesis, Structure, and Magnetism. Inorganic Chemistry, 2012, 51, 8479-8487.	1.9	27
11	Fe^{III}₄₈â€Containing 96â€Tungstoâ€16â€Phosphate: Synthesis, Structure, Magnetism and Electrochemistry. Chemistry - A European Journal, 2020, 26, 15821-15824.	1.7	25
12	Heterometallic trinuclear {CoIII2Ln^{III}} (Ln = Gd, Tb, Ho and Er) complexes in a bent geometry. Field-induced single-ion magnetic behavior of the Er^{III} and Tb^{III} analogues. Dalton Transactions, 2016, 45, 9235-9249.	1.6	20
13	Homometallic Fe^{III}₄ and Heterometallic {Fe^{III}₄Ln^{III}₂} (Ln = Dy, Tb) Complexes â€“ Syntheses, Structures, and Magnetic Properties. European Journal of Inorganic Chemistry, 2015, 2015, 156-165.	1.0	19
14	Synthesis, structure, and magnetism of non-planar heptanuclear lanthanide(<scp>iii</scp>) complexes. Dalton Transactions, 2015, 44, 1142-1149.	1.6	18
15	Synthesis, magnetism and MÃ¶ssbauer studies of tetranuclear heterometallic {Fe^{III}₂Ln₂}(Ln = Gd, Dy, Tb) complexes: evidence of slow relaxation of magnetization in the terbium analogue. Dalton Transactions, 2014, 43, 16366-16376.	1.6	17
16	Peroxo-Cerium(IV)-Containing Polyoxometalates: [Ce^{IV}₆(O₂)₉(GeW₁₀O₃₇)₃]^{24â€“} a Recyclable Homogeneous Oxidation Catalyst. Inorganic Chemistry, 2019, 58, 11300-11307.	1.7	17
17	Homodinuclear {Ln^{III}₂} (Ln^{III} = Gd^{III}, Tb^{III},) Tj ETQq1 1 0.784314 rgBT and Tb^{III} Analogues. European Journal of Inorganic Chemistry, 2019, 2019, 212-220.	1.0	17
18	Molecular Indium(III) Phosphonates Possessing Ring and Cage Structures. Synthesis and Structural Characterization of [In2(t-BuPO3H)4(phen)2Cl2] and [In3(C5H9PO3)2(C5H9PO3H)4(phen)3]Â·NO3Â·3.5H2O. Inorganic Chemistry, 2013, 52, 4819-4824.	1.9	16

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19	Ni^{II}â€Ln^{III} Heterometallic Complexes as Singleâ€Molecule Magnets. European Journal of Inorganic Chemistry, 2019, 2019, 1180-1200.	1.0	15
20	Molecular Iron(III) Phosphonates: Synthesis, Structure, Magnetism, and MÃ¶ssbauer Studies. Inorganic Chemistry, 2014, 53, 8147-8154.	1.9	14
21	Peroxouranyl-Containing W₄₈ Wheel: Synthesis, Structure, and Detailed Infrared and Raman Spectroscopy Study. Inorganic Chemistry, 2020, 59, 16789-16794.	1.9	14
22	Heterometallic Octanuclear Ni^{II}₄Ln^{III}₄ (Ln = Y, Gd, Tb,) Tj ETQq0 0 0 rgBT /Overlock Ni^{II}₂Ln^{III}₂O₄ Distorted Cubane Motifs: Synthesis, Structure, and Magnetic Properties. ACS Omega, 2018, 3, 5202-5211.	1.6	13
23	Windmill-shaped octanuclear ZnII4/LnIII4 (Ln^{III} = Dy, Tb, Ho) heterometallic ensembles supported by a tetraferrocene scaffold. Dalton Transactions, 2016, 45, 17633-17643.	1.6	12
24	Ni^{II}₃₆â€Containing 54â€Tungstoâ€6â€Silicate: Synthesis, Structure, Magnetic and Electrochemical Studies. Chemistry - A European Journal, 2021, 27, 15081-15085.	1.7	12
25	Pâ€“C Bond Cleavage-Assisted Lanthanide Phosphate Coordination Polymers. Crystal Growth and Design, 2015, 15, 2555-2560.	1.4	11
26	Mononuclear lanthanide complexes assembled from a tridentate NNO donor ligand: design of a DyIII single-ion magnet. Dalton Transactions, 2019, 48, 4857-4866.	1.6	8
27	Electrophilic and nucleophilic displacement reactions at the bridgehead borons of tris(pyridyl)borate scorpionate complexes. Chemical Communications, 2022, 58, 977-980.	2.2	8
28	Synthesis, structure and magnetism of the mixed-valent phosphonate cage, [MnIIMnIII12(Î¼4-O)6(Î¼-OH)6(O3Pâ€“t-Bu)10(OH2)2(DMF)4]Â·[2MeOHÂ·4DMF]. Polyhedron, 2014, 72, 35-42.	1.0	7
29	Synthesis, Structure, and Magnetic Properties of Phosphinateâ€Bridged Hexanuclear Fe^{III} Complexes Containing Two Butterflyâ€Shaped Fe₃O Cores. European Journal of Inorganic Chemistry, 2015, 2015, 5601-5610.	1.0	7
30	Tetra-Mn^{III}-Containing 30-Tungsto-4-phosphate, [Mn^{III}₄(H₂O)₂(P₂W₁₅O₅₆)₂] Synthesis, Structure, XPS, Magnetism, and Electrochemical Study. Inorganic Chemistry, 2020, 59, 13034-13041.	1.9	7
31	Bismuth(III)-Containing Heteropolytungstates [Bi(XW11 O39)2] n - (X = Si, Ge, n = 13; X = P, n = 11) and [Bi(P2 W17 O61)2]17-. European Journal of Inorganic Chemistry, 2019, 2019, 363-366.	1.0	4
32	Octanuclear {Ln8} complexes: magneto-caloric effect in the {Gd8} analogue. Journal of Chemical Sciences, 2021, 133, 1.	0.7	4
33	A Direct Three-Component Reaction for the Isolation of a Nonanuclear Iron(III) Phosphonate. European Journal of Inorganic Chemistry, 2014, 2014, 4342-4348.	1.0	3
34	Molecular dysprosium complexes for white-light and near-infrared emission controlled by the coordination environment. Journal of Luminescence, 2022, 243, 118646.	1.5	3