

# Joydeb Goura

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8613204/publications.pdf>

Version: 2024-02-01

34  
papers

816  
citations

516561

16  
h-index

501076

28  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1032  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular dysprosium complexes for white-light and near-infrared emission controlled by the coordination environment. <i>Journal of Luminescence</i> , 2022, 243, 118646.	1.5	3
2	Electrophilic and nucleophilic displacement reactions at the bridgehead borons of tris(pyridyl)borate scorpionate complexes. <i>Chemical Communications</i> , 2022, 58, 977-980.	2.2	8
3	Octanuclear {Ln <sub>8</sub> } complexes: magneto-caloric effect in the {Gd <sub>8</sub> } analogue. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	0.7	4
4	Ni <sup>II</sup> <sub>36</sub> •Containing 54•Tungsto•6•Silicate: Synthesis, Structure, Magnetic and Electrochemical Studies. <i>Chemistry - A European Journal</i> , 2021, 27, 15081-15085.	1.7	12
5	Peroxouranyl-Containing W <sub>48</sub> Wheel: Synthesis, Structure, and Detailed Infrared and Raman Spectroscopy Study. <i>Inorganic Chemistry</i> , 2020, 59, 16789-16794.	1.9	14
6	Fe <sup>III</sup> <sub>48</sub> •Containing 96•Tungsto•16•Phosphate: Synthesis, Structure, Magnetism and Electrochemistry. <i>Chemistry - A European Journal</i> , 2020, 26, 15821-15824.	1.7	25
7	Tetra-Mn <sup>III</sup> -Containing 30-Tungsto-4-phosphate, [Mn <sup>III</sup> <sub>4</sub> (H <sub>2</sub> O) <sub>2</sub> (P <sub>2</sub> W <sub>15</sub> O <sub>56</sub> ) <sub>2</sub> ]•7H <sub>2</sub> O•2H <sub>2</sub> O. Synthesis, Structure, XPS, Magnetism, and Electrochemical Study. <i>Inorganic Chemistry</i> , 2020, 59, 13034-13041.	1.9	7
8	Peroxo-Cerium(IV)-Containing Polyoxometalates: [Ce <sup>IV</sup> <sub>6</sub> (O) <sub>9</sub> (GeW <sub>10</sub> O <sub>37</sub> ) <sub>3</sub> ] <sub>3</sub> •24H <sub>2</sub> O. a Recyclable Homogeneous Oxidation Catalyst. <i>Inorganic Chemistry</i> , 2019, 58, 11300-11307.	1.7	7
9	Mononuclear lanthanide complexes assembled from a tridentate NNO donor ligand: design of a Dy <sup>III</sup> single-ion magnet. <i>Dalton Transactions</i> , 2019, 48, 4857-4866.	1.6	8
10	Ni <sup>II</sup> •Ln <sup>III</sup> Heterometallic Complexes as Single-Molecule Magnets. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 1180-1200.	1.0	15
11	Homodinuclear {Ln <sup>III</sup> <sub>2</sub> } (Ln <sup>III</sup> = Gd <sup>III</sup> , Tb <sup>III</sup> , Tj) ETQq1 1 0.784314 rgBT and Tb <sup>III</sup> Analogues. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 212-220.	1.0	17
12	Bismuth(III)-Containing Heteropolytungstates [Bi(XW <sub>11</sub> O <sub>39</sub> ) <sub>2</sub> ] <sub>n</sub> - (X = Si, Ge, n = 13; X = P, n = 11) and [Bi(P <sub>2</sub> W <sub>17</sub> O <sub>61</sub> ) <sub>2</sub> ] <sub>17</sub> . <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 363-366.	1.0	4
13	Heterometallic Octanuclear Ni <sup>II</sup> <sub>4</sub> Ln <sup>III</sup> <sub>4</sub> (Ln = Y, Gd, Tb, Tj) ETQq1 1 0.784314 rgBT Ni <sup>II</sup> <sub>2</sub> Ln <sup>III</sup> <sub>2</sub> O <sub>4</sub> Distorted Cubane Motifs: Synthesis, Structure, and Magnetic Properties. <i>ACS Omega</i> , 2018, 3, 5202-5211.	1.6	13
14	Heterometallic 3d•4f single molecule magnets containing diamagnetic metal ions. <i>Dalton Transactions</i> , 2018, 47, 8841-8864.	1.6	69
15	Heterometallic Zn <sub>3</sub> Ln <sub>3</sub> Ensembles Containing (1/4)•CO <sub>3</sub> Ligand and Triangular Disposition of Ln <sub>3+</sub> ions: Analysis of Single-Molecule Toric (SMT) and Single-Molecule Magnet (SMM) Behavior. <i>Chemistry - A European Journal</i> , 2017, 23, 16621-16636.	1.7	42
16	Heterometallic trinuclear {Co <sup>III</sup> Ln <sup>III</sup> } (Ln = Gd, Tb, Ho and Er) complexes in a bent geometry. Field-induced single-ion magnetic behavior of the Er <sup>III</sup> and Tb <sup>III</sup> analogues. <i>Dalton Transactions</i> , 2016, 45, 9235-9249.	1.6	20
17	Windmill-shaped octanuclear Zn <sup>II</sup> <sub>4</sub> /Ln <sup>III</sup> <sub>4</sub> (Ln <sup>III</sup> = Dy, Tb, Ho) heterometallic ensembles supported by a tetraferrocene scaffold. <i>Dalton Transactions</i> , 2016, 45, 17633-17643.	1.6	12
18	Octanuclear Heterobimetallic {Ni <sub>4</sub> Ln <sub>4</sub> } Assemblies Possessing Ln <sub>4</sub> Square Grid [2 Å– 2] Motifs: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 2016, 55, 8422-8436.	1.9	35

#	ARTICLE	IF	CITATIONS
19	Hexanuclear 3d <sup>4f</sup> Neutral Co <sup>II</sup> <sub>2</sub> Ln <sup>III</sup> <sub>4</sub> Clusters: Synthesis, Structure, and Magnetism. <i>Crystal Growth and Design</i> , 2015, 15, 3157-3165.	1.4	28
20	Synthesis, Structure, and Magnetic Properties of Phosphinate-Bridged Hexanuclear Fe <sup>III</sup> Complexes Containing Two Butterfly-Shaped Fe <sub>3</sub> O Cores. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5601-5610.	1.0	7
21	Chair-Shaped Mn <sup>II</sup> <sub>2</sub> Ln <sup>III</sup> <sub>4</sub> (Ln = Gd, Tb, Dy, Ho) Heterometallic Complexes Assembled from a Tricompartamental Aminobenzohydrazide Ligand. <i>Crystal Growth and Design</i> , 2015, 15, 848-857.	1.4	30
22	A Single-Ion Magnet Based on a Heterometallic Co <sup>II</sup> Dy <sup>III</sup> Complex. <i>Chemistry - A European Journal</i> , 2015, 21, 4926-4930.	1.7	30
23	Molecular Metal Phosphonates. <i>Chemical Reviews</i> , 2015, 115, 6854-6965.	23.0	170
24	P-C Bond Cleavage-Assisted Lanthanide Phosphate Coordination Polymers. <i>Crystal Growth and Design</i> , 2015, 15, 2555-2560.	1.4	11
25	Homometallic Fe <sup>III</sup> <sub>4</sub> and Heterometallic {Fe <sup>III</sup> <sub>4</sub> Ln <sup>III</sup> <sub>2</sub> } (Ln = Dy, Tb) Complexes – Syntheses, Structures, and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 156-165.	1.0	19
26	Synthesis, structure, and magnetism of non-planar heptanuclear lanthanide(III) complexes. <i>Dalton Transactions</i> , 2015, 44, 1142-1149.	1.6	18
27	A Direct Three-Component Reaction for the Isolation of a Nonanuclear Iron(III) Phosphonate. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4342-4348.	1.0	3
28	Synthesis, structure and magnetism of the mixed-valent phosphonate cage, [MnII <sub>12</sub> ( $\frac{1}{4}$ -O) <sub>6</sub> ( $\frac{1}{4}$ -OH) <sub>6</sub> (O <sub>3</sub> P <sup>t</sup> -Bu) <sub>10</sub> (OH) <sub>2</sub> (DMF) <sub>4</sub> ]·[2MeOH·4DMF]. <i>Polyhedron</i> , 2014, 72, 35-42.	1.0	7
29	Synthesis, magnetism and Mössbauer studies of tetranuclear heterometallic {Fe <sup>III</sup> <sub>2</sub> Ln <sup>III</sup> <sub>2</sub> } (Ln = Gd, Dy, Tb) complexes: evidence of slow relaxation of magnetization in the terbium analogue. <i>Dalton Transactions</i> , 2014, 43, 16366-16376.	1.6	17
30	Hexanuclear, Heterometallic, Ni <sub>3</sub> Ln <sub>3</sub> Complexes Possessing O-Capped Homo- and Heterometallic Structural Subunits: SMM Behavior of the Dysprosium Analogue. <i>Inorganic Chemistry</i> , 2014, 53, 7815-7823.	1.9	47
31	Molecular Iron(III) Phosphonates: Synthesis, Structure, Magnetism, and Mössbauer Studies. <i>Inorganic Chemistry</i> , 2014, 53, 8147-8154.	1.9	14
32	Tetranuclear Lanthanide(III) Complexes in a Seesaw Geometry: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 2014, 53, 3385-3391.	1.9	47
33	Molecular Indium(III) Phosphonates Possessing Ring and Cage Structures. Synthesis and Structural Characterization of [In <sub>2</sub> (t-BuPO <sub>3</sub> H) <sub>4</sub> (phen) <sub>2</sub> Cl <sub>2</sub> ] and [In <sub>3</sub> (C <sub>5</sub> H <sub>9</sub> PO <sub>3</sub> ) <sub>2</sub> (C <sub>5</sub> H <sub>9</sub> PO <sub>3</sub> H) <sub>4</sub> (phen) <sub>3</sub> ]·NO <sub>3</sub> ·3.5H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 2013, 52, 4819-4824.	1.9	16
34	Carboxylate-Free Manganese(II) Phosphonate Assemblies: Synthesis, Structure, and Magnetism. <i>Inorganic Chemistry</i> , 2012, 51, 8479-8487.	1.9	27