

Shefali Vaidya

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A synthetic strategy for switching the single ion anisotropy in tetrahedral Co(II) complexes. <i>Chemical Communications</i> , 2015, 51, 3739-3742.	2.2	113
2	What Controls the Sign and Magnitude of Magnetic Anisotropy in Tetrahedral Cobalt(II) Single-Ion Magnets?. <i>Inorganic Chemistry</i> , 2016, 55, 9564-9578.	1.9	100
3	Nickel(II)-Lanthanide(III) Magnetic Exchange Coupling Influencing Single-Molecule Magnetic Features in $\{\text{Ni}_{2}\text{Ln}_{2}\}$ Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 14235-14239.	1.7	84
4	Single-Molecule Magnetism, Enhanced Magnetocaloric Effect, and Toroidal Magnetic Moments in a Family of Ln_{4} Squares. <i>Chemistry - A European Journal</i> , 2015, 21, 15639-15650.	1.7	72
5	Role of the Diamagnetic Zinc(II) Ion in Determining the Electronic Structure of Lanthanide Single-Ion Magnets. <i>Chemistry - A European Journal</i> , 2017, 23, 4903-4916.	1.7	72
6	Origin of SMM behaviour in an asymmetric Er(III) Schiff base complex: a combined experimental and theoretical study. <i>Chemical Communications</i> , 2015, 51, 6137-6140.	2.2	53
7	Role of Halide Ions in the Nature of the Magnetic Anisotropy in Tetrahedral Co II Complexes. <i>Chemistry - A European Journal</i> , 2017, 23, 9546-9559.	1.7	48
8	The Prospect of Salophen in Fluorescence Lifetime Sensing of Al^{3+} . <i>Journal of Physical Chemistry B</i> , 2016, 120, 10319-10326.	1.2	45
9	Substituted versus Naked Thiourea Ligand Containing Pseudotetrahedral Cobalt(II) Complexes: A Comparative Study on Its Magnetization Relaxation Dynamics Phenomenon. <i>Inorganic Chemistry</i> , 2018, 57, 3371-3386.	1.9	40
10	Probing the magnetic and magnetothermal properties of $\text{M}(\text{II})-\text{Ln}(\text{III})$ complexes (where $\text{M}(\text{II}) = \text{Ni}$ or Zn ; $\text{Ln}(\text{III}) = \text{La}$ or Pr or Gd). <i>Dalton Transactions</i> , 2014, 43, 17375-17384.	1.6	37
11	Transparent and luminescent glasses of gold thiolate coordination polymers. <i>Chemical Science</i> , 2020, 11, 6815-6823.	3.7	36
12	Influence of a Counteranion on the Zero-Field Splitting of Tetrahedral Cobalt(II) Thiourea Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 9085-9100.	1.9	33
13	Storing redox equivalent in the phenalenyl backbone towards catalytic multi-electron reduction. <i>Chemical Science</i> , 2019, 10, 7433-7441.	3.7	29
14	Structure-property correlation in stabilizing axial magnetic anisotropy in octahedral Co(II) complexes. <i>Cell Reports Physical Science</i> , 2021, 2, 100404.	2.8	23
15	Stabilizing Terminal Ni(III)-Hydroxide Complex Using NNN-Pincer Ligands: Synthesis and Characterization. <i>Inorganic Chemistry</i> , 2019, 58, 6257-6267.	1.9	19
16	Synthesis and characterization of 3d and 4f metal complexes of Schiff base ligands. <i>Polyhedron</i> , 2013, 66, 87-96.	1.0	14
17	Carboxylate free μ_4 -oxo bridged ferric wheel with a record exchange coupling. <i>Dalton Transactions</i> , 2015, 44, 18743-18747.	1.6	13
18	Flexible and luminescent fibers of a 1D Au(I)-thiophenolate coordination polymer and formation of gold nanoparticle-based composite materials for SERS. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8018-8027.	2.7	9

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19	Unusual Methylenediolate Bridged Hexanuclear Ruthenium(III) Complexes: Syntheses and Their Application. <i>Inorganic Chemistry</i> , 2018, 57, 14967-14982.	1.9	8
20	Synthesis and Properties of Dinuclear μ_4 -Oxodiiron(III) Complexes of Amide-Based Macrocyclic Ligands. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5525-5533.	1.0	7
21	Influence of anion induced geometry change in Zn(II) on the magnetization relaxation dynamics of Dy(III) in $\text{Zn}^{\text{II}}\text{Dy}^{\text{III}}\text{Zn}^{\text{II}}$ complexes. <i>Dalton Transactions</i> , 2020, 49, 10580-10593.	1.6	5
22	Coordination-Driven Self-Assembly on Polymer Surfaces for Efficient Synthesis of $[\text{Au}(\text{SPh})]_n$ Coordination Polymer-Based Films. <i>Crystal Growth and Design</i> , 2020, 20, 1961-1968.	1.4	5
23	A high-frequency EPR study of magnetic anisotropy and intermolecular interactions of Co(II) ions. <i>Polyhedron</i> , 2021, 208, 115389.	1.0	5
24	Cyclic Solid-State Multiple Phase Changes with Tuned Photoemission in a Gold Thiolate Coordination Polymer. <i>Angewandte Chemie</i> , 0, , .	1.6	2
25	Cyclic Solid-State Multiple Phase Changes with Tuned Photoemission in a Gold Thiolate Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	2