

# Chinmoy Das

## List of Publications by Year in descending order

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26  
papers

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citations

516561

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times ranked

1027  
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#	ARTICLE	IF	CITATIONS
1	Cyclic Solidâ€‘State Multiple Phase Changes with Tuned Photoemission in a Gold Thiolate Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2022, , .	7.2	2
2	Photoluminescent coordination polymer bulk glasses and laser-induced crystallization. <i>Chemical Science</i> , 2022, 13, 3281-3287.	3.7	15
3	Crystal melting and vitrification behaviors of a three-dimensional nitrile-based metalâ€‘organic framework. <i>Faraday Discussions</i> , 2021, 225, 403-413.	1.6	21
4	Materials breaking the rules: general discussion. <i>Faraday Discussions</i> , 2021, 225, 255-270.	1.6	0
5	Magnetization relaxation dynamics of a rare coordinatively unsaturated Co(ii) complex: experimental and theoretical insights. <i>Chemical Communications</i> , 2020, 56, 13397-13400.	2.2	5
6	Chiral tetranuclear copper(ii) complexes: synthesis, optical and magnetic properties. <i>New Journal of Chemistry</i> , 2020, 44, 16845-16855.	1.4	6
7	Stable melt formation of 2D nitrile-based coordination polymer and hierarchical crystalâ€‘glass structuring. <i>Chemical Communications</i> , 2020, 56, 8980-8983.	2.2	27
8	Glass-phase coordination polymer displaying proton conductivity and guest-accessible porosity. <i>Chemical Communications</i> , 2019, 55, 8528-8531.	2.2	24
9	Stabilizing Terminal Ni(III)â€‘Hydroxide Complex Using NNN-Pincer Ligands: Synthesis and Characterization. <i>Inorganic Chemistry</i> , 2019, 58, 6257-6267.	1.9	19
10	Effect of coordination geometry on the magnetic properties of a series of Ln <sub>2</sub> and Ln <sub>4</sub> hydroxo clusters. <i>Dalton Transactions</i> , 2018, 47, 1726-1738.	1.6	28
11	Unusual Methylenediolate Bridged Hexanuclear Ruthenium(III) Complexes: Syntheses and Their Application. <i>Inorganic Chemistry</i> , 2018, 57, 14967-14982.	1.9	8
12	Lanthanide-Based Porous Coordination Polymers: Syntheses, Slow Relaxation of Magnetization, and Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2018, 57, 6584-6598.	1.9	38
13	Influence of Radicals on Magnetization Relaxation Dynamics of Pseudo-Octahedral Lanthanide Iminopyridyl Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 9002-9011.	1.9	32
14	Role of the Diamagnetic Zinc(II) Ion in Determining the Electronic Structure of Lanthanide Singleâ€‘Ion Magnets. <i>Chemistry - A European Journal</i> , 2017, 23, 4903-4916.	1.7	72
15	Structural and magnetic properties of semiquinonate based Al( <sup>iii</sup> ) and Ga( <sup>iii</sup> ) complexes. <i>Dalton Transactions</i> , 2017, 46, 1439-1448.	1.6	9
16	Influence of the Ligand Field on the Slow Relaxation of Magnetization of Unsymmetrical Monomeric Lanthanide Complexes: Synthesis and Theoretical Studies. <i>Inorganic Chemistry</i> , 2017, 56, 14260-14276.	1.9	33
17	Heteronuclear Ni( <sup>ii</sup> )â€‘Ln( <sup>iii</sup> ) (Ln = La, Pr, Tb, Dy) complexes: synthesis and single-molecule magnet behaviour. <i>Dalton Transactions</i> , 2016, 45, 3616-3626.	1.6	39
18	Singleâ€‘Molecule Magnetism, Enhanced Magnetocaloric Effect, and Toroidal Magnetic Moments in a Family of Ln <sub>4</sub> Squares. <i>Chemistry - A European Journal</i> , 2015, 21, 15639-15650.	1.7	72

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19	Origin of SMM behaviour in an asymmetric Er( <sup>iii</sup> ) Schiff base complex: a combined experimental and theoretical study. <i>Chemical Communications</i> , 2015, 51, 6137-6140.	2.2	53
20	Probing the magnetic and magnetothermal properties of M( <sup>ii</sup> )-Ln( <sup>iii</sup> ) complexes (where M( <sup>ii</sup> ) = Ni or Zn; Ln( <sup>iii</sup> ) = La or Pr or Gd). <i>Dalton Transactions</i> , 2014, 43, 17375-17384.	1.6	37
21	Synthesis and magnetic properties of a 1-D helical chain derived from a Nickel-Sodium Schiff base complex. <i>Journal of Chemical Sciences</i> , 2014, 126, 1443-1449.	0.7	6
22	Electronic and Magnetic Properties of a Gadolinium(III) Schiff Base Complex. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 4320-4325.	1.0	10
23	Enhancing the effective energy barrier of a Dy( <sup>iii</sup> ) SMM using a bridged diamagnetic Zn( <sup>ii</sup> ) ion. <i>Chemical Communications</i> , 2014, 50, 8838-8841.	2.2	134
24	Nickel(II)-Lanthanide(III) Magnetic Exchange Coupling Influencing Single-Molecule Magnetic Features in {Ni <sub>2</sub> Ln <sub>2</sub> } Complexes. <i>Chemistry - A European Journal</i> , 2014, 20, 14235-14239.	1.7	84
25	Carboxymethyl Tamarind-g-poly(acrylamide)/Silica: A High Performance Hybrid Nanocomposite for Adsorption of Methylene Blue Dye. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 15546-15556.	1.8	126
26	Cyclic Solid-State Multiple Phase Changes with Tuned Photoemission in a Gold Thiolate Coordination Polymer. <i>Angewandte Chemie</i> , 0, , .	1.6	2