

# Chinmoy Das

## List of Publications by Year in descending order

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26  
papers

902  
citations

516561

16  
h-index

610775

24  
g-index

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26  
docs citations

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times ranked

1027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing the effective energy barrier of a Dy( $\text{III}$ ) SMM using a bridged diamagnetic Zn( $\text{II}$ ) ion. <i>Chemical Communications</i> , 2014, 50, 8838-8841.	2.2	134
2	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
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 $\text{Ln}_4$ 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( $\text{III}$ ) Schiff base complex: a combined experimental and theoretical study. <i>Chemical Communications</i> , 2015, 51, 6137-6140.	2.2	53
7	Heteronuclear Ni( $\text{II}$ )-Ln( $\text{III}$ ) (Ln = La, Pr, Tb, Dy) complexes: synthesis and single-molecule magnet behaviour. <i>Dalton Transactions</i> , 2016, 45, 3616-3626.	1.6	39
8	Lanthanide-Based Porous Coordination Polymers: Syntheses, Slow Relaxation of Magnetization, and Magnetocaloric Effect. <i>Inorganic Chemistry</i> , 2018, 57, 6584-6598.	1.9	38
9	Probing the magnetic and magnetothermal properties of $\text{M-Ln}$ complexes (where $\text{M} = \text{Ni}$ or $\text{Zn}$ ; $\text{Ln} = \text{La}$ or $\text{Pr}$ or $\text{Gd}$ ). <i>Dalton Transactions</i> , 2014, 43, 17375-17384.	1.6	37
10	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
11	Influence of Radicals on Magnetization Relaxation Dynamics of Pseudo-Octahedral Lanthanide Iminopyridyl Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 9002-9011.	1.9	32
12	Effect of coordination geometry on the magnetic properties of a series of $\text{Ln}_2$ and $\text{Ln}_4$ hydroxo clusters. <i>Dalton Transactions</i> , 2018, 47, 1726-1738.	1.6	28
13	Stable melt formation of 2D nitrile-based coordination polymer and hierarchical crystal-glass structuring. <i>Chemical Communications</i> , 2020, 56, 8980-8983.	2.2	27
14	Glass-phase coordination polymer displaying proton conductivity and guest-accessible porosity. <i>Chemical Communications</i> , 2019, 55, 8528-8531.	2.2	24
15	Crystal melting and vitrification behaviors of a three-dimensional nitrile-based metal-organic framework. <i>Faraday Discussions</i> , 2021, 225, 403-413.	1.6	21
16	Stabilizing Terminal Ni(III)-Hydroxide Complex Using NNN-Pincer Ligands: Synthesis and Characterization. <i>Inorganic Chemistry</i> , 2019, 58, 6257-6267.	1.9	19
17	Photoluminescent coordination polymer bulk glasses and laser-induced crystallization. <i>Chemical Science</i> , 2022, 13, 3281-3287.	3.7	15
18	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

#	ARTICLE	IF	CITATIONS
19	Structural and magnetic properties of semiquinonate based Al( <sup>iii</sup> ) and Ga( <sup>iii</sup> ) complexes. Dalton Transactions, 2017, 46, 1439-1448.	1.6	9
20	Unusual Methylenediolate Bridged Hexanuclear Ruthenium(III) Complexes: Syntheses and Their Application. Inorganic Chemistry, 2018, 57, 14967-14982.	1.9	8
21	Synthesis and magnetic properties of a 1-D helical chain derived from a Nickel-Sodium Schiff base complex. Journal of Chemical Sciences, 2014, 126, 1443-1449.	0.7	6
22	Chiral tetranuclear copper(ii) complexes: synthesis, optical and magnetic properties. New Journal of Chemistry, 2020, 44, 16845-16855.	1.4	6
23	Magnetization relaxation dynamics of a rare coordinatively unsaturated Co(ii) complex: experimental and theoretical insights. Chemical Communications, 2020, 56, 13397-13400.	2.2	5
24	Cyclic Solidâ€State Multiple Phase Changes with Tuned Photoemission in a Gold Thiolate Coordination Polymer. Angewandte Chemie, 0, , .	1.6	2
25	Cyclic Solidâ€State Multiple Phase Changes with Tuned Photoemission in a Gold Thiolate Coordination Polymer. Angewandte Chemie - International Edition, 2022, , .	7.2	2
26	Materials breaking the rules: general discussion. Faraday Discussions, 2021, 225, 255-270.	1.6	0