

# Anant Kumar Srivastava

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9256768/publications.pdf>

Version: 2024-02-01

22  
papers

361  
citations

759055

12  
h-index

794469

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heteronuclear Ni( <sup>ii</sup> )-Ln( <sup>iii</sup> ) (Ln = La, Pr, Tb, Dy) complexes: synthesis and single-molecule magnet behaviour. Dalton Transactions, 2016, 45, 3616-3626.	1.6	39
2	Anion Driven [Cu <sup>II</sup> L <sub>2</sub> ] <sub>n</sub> Frameworks: Crystal Structures, Guest-Encapsulation, Dielectric, and Possible Ferroelectric Properties. Chemistry of Materials, 2014, 26, 3811-3817.	3.2	38
3	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). Dalton Transactions, 2014, 43, 17375-17384.	1.6	37
4	A cationic copper( <sup>i</sup> ) iodide cluster MOF exhibiting unusual ligand assisted thermochromism. Dalton Transactions, 2014, 43, 8166-8169.	1.6	36
5	Synthesis and magnetothermal properties of a ferromagnetically coupled Ni-Gd cluster. Dalton Transactions, 2014, 43, 259-266.	1.6	34
6	Potentially Ferroelectric {Cu <sup>II</sup> L <sub>2</sub> } <sub>n</sub> Based Two-Dimensional Framework Exhibiting High Polarization and Guest-Assisted Dielectric Anomaly. Chemistry of Materials, 2015, 27, 5222-5229.	3.2	26
7	A Flexible Composite Mechanical Energy Harvester from a Ferroelectric Organoamino Phosphonium Salt. Angewandte Chemie - International Edition, 2018, 57, 9054-9058.	7.2	25
8	Hydroxo-Bridged Dimers of Oxo-Centered Ruthenium(III) Triangle: Synthesis and Spectroscopic and Theoretical Investigations. Chemistry - A European Journal, 2014, 20, 6061-6070.	1.7	19
9	Synthesis and characterization of N3Py2 ligand-based cobalt(II), nickel(II) and copper(II) catalysts for efficient conversion of hydrocarbons to alcohols. Inorganica Chimica Acta, 2017, 467, 405-414.	1.2	16
10	A Neutral Cluster Cage with a Tetrahedral [Pd <sub>12</sub> <sup>II</sup> L <sub>6</sub> ] Framework: Crystal Structures and Host-Guest Studies. Inorganic Chemistry, 2015, 54, 3196-3202.	1.9	15
11	Synthesis and characterization of 3d and 4f metal complexes of Schiff base ligands. Polyhedron, 2013, 66, 87-96.	1.0	14
12	Anion-induced ferroelectric polarization in a luminescent metal-organic cage compound. Journal of Materials Chemistry C, 2017, 5, 10624-10629.	2.7	14
13	A Flexible Composite Mechanical Energy Harvester from a Ferroelectric Organoamino Phosphonium Salt. Angewandte Chemie, 2018, 130, 9192-9196.	1.6	13
14	Altering polarization attributes in ferroelectric metallo-cavitands by varying hydrated alkali-metal guest cations. Journal of Materials Chemistry C, 2017, 5, 7352-7359.	2.7	10
15	Discrete and Polymeric Cu(II) Complexes Derived from in Situ Generated Pyridyl-Functionalized Bis(amido)phosphate Ligands, [PO <sub>2</sub> (NHPy) <sub>2</sub> ] <sup>n</sup> . Crystal Growth and Design, 2014, 14, 1701-1709.	1.4	9
16	Enhancing the chemical flexibility of hybrid perovskites by introducing divalent ligands. Dalton Transactions, 2021, 50, 5437-5441.	1.6	5
17	Functional metal-organic molecules and materials derived from rigid and flexible P-N scaffolds. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 618-623.	0.8	3
18	Dual-site aqua mononuclear nickel(II) complexes of non-heme tetradentate ligands: Synthesis, characterization and reactivity. Inorganica Chimica Acta, 2019, 486, 425-434.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Crystal Structure of Mononuclear Non-Heme Nickel(II) Octahedral Complex: [Ni(bqenH <sub>2</sub> )(bpy)](ClO <sub>4</sub> ) <sub>2</sub> ·0.125H <sub>2</sub> O. Journal of Structural Chemistry, 2018, 59, 1168-1175.	0.3	2
20	A tetrakis(amido)phosphonium cation containing 2-pyridyl (2Py) substituents, [P(NH <sub>2</sub> Py) <sub>4</sub> ] <sup>+</sup> and its reactivity studies with Ag(I) salts. Journal of Chemical Sciences, 2015, 127, 619-626.	0.7	1
21	Low dimensional and frustrated antiferromagnetic interactions in transition metal chloride complexes with simple amine ligands. CrystEngComm, 2019, 21, 894-901.	1.3	1
22	Spectroscopic Identification of Disordered Molecular Cations in Defect Perovskite-like A <sub>2</sub> Ln(HCO <sub>2</sub> )(C <sub>2</sub> O <sub>4</sub> ) <sub>1.5</sub> (Ln = Tb, Er) Phases. European Journal of Inorganic Chemistry, 2021, 2021, 3806.	1.0	1