

Ananya Baksi

List of Publications by Year in descending order

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59
papers

1,843
citations

218592

26
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276775

41
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59
all docs

59
docs citations

59
times ranked

1651
citing authors

#	ARTICLE	IF	CITATIONS
1	Light-Powered Dissipative Assembly of Diazocine Coordination Cages. <i>Journal of the American Chemical Society</i> , 2022, 144, 3099-3105.	6.6	79
2	Gastmodulierte Zirkular Polarisierte Lumineszenz via LigandzuLigand Chiralitätstransfer in Heteroleptischen Pd ^{II} Käfigen. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
3	GuestModulated Circularly Polarized Luminescence by LigandtoLigand Chirality Transfer in Heteroleptic Pd ^{II} Coordination Cages. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	47
4	CoalTar Dyebased Coordination Cages and Helicates. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5673-5678.	7.2	46
5	Teerfarbenbasierte Koordinationskäfige und Helikate. <i>Angewandte Chemie</i> , 2021, 133, 5736-5741.	1.6	12
6	Kinetics of Intercluster Reactions between Atomically Precise Noble Metal Clusters [Ag ₂₅ (DMBT) ₁₈] ⁺ and [Au ₂₅ (PET) ₁₈] ⁻ in Room Temperature Solutions. <i>Journal of the American Chemical Society</i> , 2021, 143, 6969-6980.	6.6	21
7	Impact of Ligands on Structural and Optical Properties of Ag ₂₉ Nanoclusters. <i>Journal of the American Chemical Society</i> , 2021, 143, 9405-9414.	6.6	60
8	Long-Lived C ₆₀ Radical Anion Stabilized Inside an Electron-Deficient Coordination Cage. <i>Journal of the American Chemical Society</i> , 2021, 143, 9718-9723.	6.6	60
9	Synthesis, Characterization, Electrochemistry, Photoluminescence and Magnetic Properties of a Dinuclear Erbium(III)-Containing Monolacunary Dawson-Type Tungstophosphate: [Er(H ₂ O)(CH ₃ COO)(P ₂ W ₁₇ O ₆₁)] ₂ 16 ⁻ . <i>Molecules</i> , 2020, 25, 4229.	1.7	2
10	Covalent cucurbit[7]uril dye conjugates for sensing in aqueous saline media and biofluids. <i>Chemical Science</i> , 2020, 11, 11142-11153.	3.7	33
11	Structural insights into metal-metalloid glasses from mass spectrometry. <i>Scientific Reports</i> , 2020, 10, 17467.	1.6	0
12	Linear Size Contraction of Ligand Protected Ag ₂₉ Clusters by Substituting Ag with Cu. <i>ACS Nano</i> , 2020, 14, 15064-15070.	7.3	28
13	Ni ₆₀ Nb ₄₀ Nanoglass for Tunable Magnetism and Methanol Oxidation. <i>ACS Applied Nano Materials</i> , 2020, 3, 7252-7259.	2.4	11
14	Ultrafast Intersystem Crossing in Isolated Ag ₂₉ (BDT) ₁₂ ³⁺ Probed by Time-Resolved PumpProbe Photoelectron Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2675-2681.	2.1	27
15	Nonenzymatic Glucose Sensing Using Ni ₆₀ Nb ₄₀ Nanoglass. <i>ACS Nano</i> , 2020, 14, 5543-5552.	7.3	55
16	Internalization of a Preformed Atomically Precise Silver Cluster in Proteins by Multistep Events and Emergence of Luminescent Counterparts Retaining Bioactivity. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29408-29417.	1.5	14
17	Nanogymnastics: Visualization of Intercluster Reactions by High-Resolution Trapped Ion Mobility Mass Spectrometry. <i>Journal of Physical Chemistry C</i> , 2019, 123, 28477-28485.	1.5	19
18	Tribochemical Degradation of Polytetrafluoroethylene in Water and Generation of Nanoplastics. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17554-17558.	3.2	12

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37	Interparticle Reactions: An Emerging Direction in Nanomaterials Chemistry. <i>Accounts of Chemical Research</i> , 2017, 50, 1988-1996.	7.6	85
38	Unusual Accumulation of Silver in the Aleurone Layer of an Indian Rice (<i>Oryza sativa</i>) Landrace and Sustainable Extraction of the Metal. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 8310-8315.	3.2	10
39	Dual Probe Sensors Using Atomically Precise Noble Metal Clusters. <i>ACS Omega</i> , 2017, 2, 7576-7583.	1.6	9
40	Reactivity of Monolayer Protected Silver Clusters toward Excess Ligand: A Calorimetric Study. <i>Journal of Physical Chemistry C</i> , 2017, 121, 26483-26492.	1.5	8
41	Extraction of Silver by Glucose. <i>Angewandte Chemie</i> , 2016, 128, 7908-7912.	1.6	6
42	Unusual reactivity of MoS ₂ nanosheets. <i>Nanoscale</i> , 2016, 8, 10282-10290.	2.8	9
43	[Au ₂₅ (SR) ₁₈] ₂ ²⁺ : a noble metal cluster dimer in the gas phase. <i>Chemical Communications</i> , 2016, 52, 8397-8400.	2.2	56
44	Cooking-Induced Corrosion of Metals. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4781-4787.	3.2	4
45	Structure-conserving spontaneous transformations between nanoparticles. <i>Nature Communications</i> , 2016, 7, 13447.	5.8	106
46	Extraction of Silver by Glucose. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7777-7781.	7.2	21
47	Intercluster Reactions between Au ₂₅ (SR) ₁₈ and Ag ₄₄ (SR) ₃₀ . <i>Journal of the American Chemical Society</i> , 2016, 138, 140-148.	6.6	154
48	Possible isomers in ligand protected Ag ₁₁ cluster ions identified by ion mobility mass spectrometry and fragmented by surface induced dissociation. <i>Chemical Communications</i> , 2016, 52, 3805-3808.	2.2	39
49	Choline-induced selective fluorescence quenching of acetylcholinesterase conjugated Au@BSA clusters. <i>Biosensors and Bioelectronics</i> , 2016, 81, 68-74.	5.3	29
50	Size Evolution of Protein-Protected Gold Clusters in Solution: A Combined SAXS-MS Investigation. <i>Journal of Physical Chemistry C</i> , 2015, 119, 2148-2157.	1.5	29
51	Translocation of uranium from water to foodstuff while cooking. <i>Journal of Hazardous Materials</i> , 2015, 297, 183-190.	6.5	3
52	Noble metal clusters protected with mixed proteins exhibit intense photoluminescence. <i>RSC Advances</i> , 2015, 5, 48039-48045.	1.7	32
53	Luminescent iron clusters in solution. <i>Nanoscale</i> , 2014, 6, 1848-1854.	2.8	28
54	Ag ₁₁ (SG) ₇ : A New Cluster Identified by Mass Spectrometry and Optical Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 21722-21729.	1.5	59

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55	Noble metal alloy clusters in the gas phase derived from protein templates: unusual recognition of palladium by gold. <i>Nanoscale</i> , 2013, 5, 12245.	2.8	14
56	Protein-encapsulated gold cluster aggregates: the case of lysozyme. <i>Nanoscale</i> , 2013, 5, 2009.	2.8	75
57	Bare Clusters Derived from Protein Templates: Au ₂₅ ⁺ , Au ₃₈ ⁺ and Au ₁₀₂ ⁺ . <i>ChemPhysChem</i> , 2013, 14, 1272-1282.	1.0	23
58	Detection of total count of <i>Staphylococcus aureus</i> using anti-toxin antibody labelled gold magnetite nanocomposites: a novel tool for capture, detection and bacterial separation. <i>Journal of Materials Chemistry</i> , 2011, 21, 17273.	6.7	25
59	Development of phosphonate modified Fe(1-x)MnxFe2O4 mixed ferrite nanoparticles: Novel peroxidase mimetics in enzyme linked immunosorbent assay. <i>Talanta</i> , 2011, 86, 337-348.	2.9	39