Anumita Paul

List of Publications by Year
in descending order

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34	731	516710 16	552781 26
papers	citations	h-index	g-index

35	35	35	1239
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aggregation induced delayed green fluorescence from assembly of gold nanoclusters: an advanced probe for â€œbackground freeâ€•pyrophosphate recognition. Materials Advances, 2022, 3, 3286-3292.	5.4	3
2	Controlling the Chemistry of Nanoclusters: From Atomic Precision to Controlled Assembly. Nanomaterials, 2022, 12, 62.	4.1	8
3	Four orders-of-magnitude enhancement in the two-photon excited photoluminescence of homoleptic gold thiolate nanoclusters following zinc ion-induced aggregation. Nanoscale, 2021, 13, 4439-4443.	5.6	19
4	Tailoring the luminescence of atomic clusters via ligand exchange reaction mediated post synthetic modification. Physical Chemistry Chemical Physics, 2020, 22, 3959-3964.	2.8	5
5	Zincâ€ionâ€Induced Aggregation of Gold Clusters for Visibleâ€Lightâ€Excitationâ€Based Fluorimetric Discrimination of Geometrical Isomers. ChemPhysChem, 2020, 21, 809-813.	2.1	5
6	Proteinâ€“Nanoparticle Agglomerates as a Plasmonic Magneto-Luminescent Multifunctional Nanocarrier for Imaging and Combination Therapy. ACS Applied Bio Materials, 2019, 2, 3144-3152.	4.6	5
7	Visible Light Excitation-Induced Luminescence from Gold Nanoclusters Following Surface Ligand Complexation with Zn²⁺ for Daylight Sensing and Cellular Imaging. Langmuir, 2019, 35, 9037-9043.	3.5	11
8	Crystallizationâ€Induced Emission Enhancement of Nanoclusters and Oneâ€Step Conversion of â€œNanoclusters to Nanoparticlesâ€•as the Basis for Intracellular Logic Operations. ChemPhysChem, 2019, 20, 953-958.	2.1	4
9	Photo induced chemical modification of surface ligands for aggregation and luminescence modulation of copper nanoclusters in the presence of oxygen. Physical Chemistry Chemical Physics, 2019, 21, 21776-21781.	2.8	3
10	Crystalline assembly of gold nanoclusters for mitochondria targeted cancer theranostics. Journal of Materials Chemistry B, 2018, 6, 1650-1657.	5.8	16
11	Few Particle-Level Chromaticity Index-Based Discrimination of Biothiols Using Chemically Interactive Dual-Emitting Nanoprobe. ACS Omega, 2018, 3, 17220-17226.	3.5	5
12	Synergistic Anticancer Potential of Artemisinin When Loaded with 8-Hydroxyquinoline-Surface Complexed-Zinc Ferrite Magnetofluorescent Nanoparticles and Albumin Composite. ACS Applied Bio Materials, 2018, 1, 1229-1235.	4.6	7
13	Synthesis of single-particle level white-light-emitting carbon dots via a one-step microwave method. Journal of Materials Chemistry C, 2018, 6, 6691-6697.	5.5	37
14	Crystalline nanoscale assembly of gold clusters for reversible storage and sensing of CO₂via modulation of photoluminescence intermittency. Journal of Materials Chemistry C, 2018, 6, 8205-8211.	5.5	18
15	Surface-Complexed Zinc Ferrite Magnetofluorescent Nanoparticles for Killing Cancer Cells and Single-Particle-Level Cellular Imaging. ACS Applied Nano Materials, 2018, 1, 2496-2502.	5.0	11
16	Zincâ€Coordinated Hierarchical Organization of Ligandâ€Stabilized Gold Nanoclusters for Chiral Recognition and Separation. Chemistry - A European Journal, 2017, 23, 9137-9143.	3.3	26
17	An Interactive Quantum Dot and Carbon Dot Conjugate for pHâ€Sensitive and Ratiometric Cu²⁺ Sensing. ChemPhysChem, 2017, 18, 610-616.	2.1	20
18	White light emission from gold nanoclusters embedded bacteria. Journal of Materials Chemistry C, 2017, 5, 12360-12364.	5.5	14

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19	Protein-Based Multifunctional Nanocarriers for Imaging, Photothermal Therapy, and Anticancer Drug Delivery. ACS Applied Materials & Interfaces, 2017, 9, 19495-19501.	8.0	58
20	Thumb Imprint Based Detection of Hyperbilirubinemia Using Luminescent Gold Nanoclusters. Scientific Reports, 2016, 6, 39005.	3.3	21
21	The effect of temperature on the aggregation kinetics of partially bare gold nanoparticles. RSC Advances, 2016, 6, 82138-82149.	3.6	53
22	Zinc mediated crystalline assembly of gold nanoclusters for expedient hydrogen storage and sensing. Journal of Materials Chemistry A, 2016, 4, 1218-1223.	10.3	32
23	Kinetics of reaction of gold nanoparticles following partial removal of stabilizers. Journal of Nanoparticle Research, 2015, 17, 1.	1.9	10
24	Synthesis, characterization and enhanced bactericidal action of a chitosan supported coreâ€“shell copperâ€“silver nanoparticle composite. RSC Advances, 2015, 5, 12268-12276.	3.6	58
25	Theranostic potential of gold nanoparticle-protein agglomerates. Nanoscale, 2015, 7, 18411-18423.	5.6	23
26	Synergistic Anticancer Activity of Fluorescent Copper Nanoclusters and Cisplatin Delivered through a Hydrogel Nanocarrier. ACS Applied Materials & Interfaces, 2015, 7, 209-222.	8.0	93
27	Conformation aspect in the Î±-amylase induced agglomeration of citrate-stabilized gold nanoparticles. RSC Advances, 2013, 3, 23015.	3.6	8
28	Signatures of specificity of interactions of binary protein mixtures with citrate-stabilized gold nanoparticles. RSC Advances, 2012, 2, 5617.	3.6	9
29	Galvanic reaction based generation of electronically transparent corrugated Agâ€“Au nanoparticle thin films. RSC Advances, 2012, 2, 3642.	3.6	3
30	Modulating enzymatic activity in the presence of gold nanoparticles. RSC Advances, 2012, 2, 4736.	3.6	54
31	Chemical Locomotives Based on Polymer Supported Catalytic Nanoparticles. Journal of Physical Chemistry C, 2008, 112, 2797-2801.	3.1	28
32	Observations of the Effect of Anionic, Cationic, Neutral, and Zwitterionic Surfactants on the Belousovâ^'Zhabotinsky Reaction. Journal of Physical Chemistry B, 2005, 109, 9639-9644.	2.6	34
33	Lithography by Simultaneous Chemical and Photochemical Polymerization of Aniline at the Airâ^'Water Interface. Journal of Physical Chemistry B, 2002, 106, 4343-4347.	2.6	17
34	Patterning Design in Color at the Submicron Scale. Nano Letters, 2001, 1, 409-412.	9.1	13