

Anumita Paul

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

731
citations

516710

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552781

26
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35
all docs

35
docs citations

35
times ranked

1239
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Synergistic Anticancer Activity of Fluorescent Copper Nanoclusters and Cisplatin Delivered through a Hydrogel Nanocarrier. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 209-222. | 8.0 | 93 |
| 2 | Synthesis, characterization and enhanced bactericidal action of a chitosan supported core-shell copper-silver nanoparticle composite. <i>RSC Advances</i> , 2015, 5, 12268-12276. | 3.6 | 58 |
| 3 | Protein-Based Multifunctional Nanocarriers for Imaging, Photothermal Therapy, and Anticancer Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19495-19501. | 8.0 | 58 |
| 4 | Modulating enzymatic activity in the presence of gold nanoparticles. <i>RSC Advances</i> , 2012, 2, 4736. | 3.6 | 54 |
| 5 | The effect of temperature on the aggregation kinetics of partially bare gold nanoparticles. <i>RSC Advances</i> , 2016, 6, 82138-82149. | 3.6 | 53 |
| 6 | Synthesis of single-particle level white-light-emitting carbon dots via a one-step microwave method. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6691-6697. | 5.5 | 37 |
| 7 | Observations of the Effect of Anionic, Cationic, Neutral, and Zwitterionic Surfactants on the Belousov-Zhabotinsky Reaction. <i>Journal of Physical Chemistry B</i> , 2005, 109, 9639-9644. | 2.6 | 34 |
| 8 | Zinc mediated crystalline assembly of gold nanoclusters for expedient hydrogen storage and sensing. <i>Journal of Materials Chemistry A</i> , 2016, 4, 1218-1223. | 10.3 | 32 |
| 9 | Chemical Locomotives Based on Polymer Supported Catalytic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2797-2801. | 3.1 | 28 |
| 10 | Zinc-Coordinated Hierarchical Organization of Ligand-Stabilized Gold Nanoclusters for Chiral Recognition and Separation. <i>Chemistry - A European Journal</i> , 2017, 23, 9137-9143. | 3.3 | 26 |
| 11 | Theranostic potential of gold nanoparticle-protein agglomerates. <i>Nanoscale</i> , 2015, 7, 18411-18423. | 5.6 | 23 |
| 12 | Thumb Imprint Based Detection of Hyperbilirubinemia Using Luminescent Gold Nanoclusters. <i>Scientific Reports</i> , 2016, 6, 39005. | 3.3 | 21 |
| 13 | An Interactive Quantum Dot and Carbon Dot Conjugate for pH-Sensitive and Ratiometric Cu ²⁺ Sensing. <i>ChemPhysChem</i> , 2017, 18, 610-616. | 2.1 | 20 |
| 14 | Four orders-of-magnitude enhancement in the two-photon excited photoluminescence of homoleptic gold thiolate nanoclusters following zinc ion-induced aggregation. <i>Nanoscale</i> , 2021, 13, 4439-4443. | 5.6 | 19 |
| 15 | Crystalline nanoscale assembly of gold clusters for reversible storage and sensing of CO ₂ modulation of photoluminescence intermittency. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8205-8211. | 5.5 | 18 |
| 16 | Lithography by Simultaneous Chemical and Photochemical Polymerization of Aniline at the Air-Water Interface. <i>Journal of Physical Chemistry B</i> , 2002, 106, 4343-4347. | 2.6 | 17 |
| 17 | Crystalline assembly of gold nanoclusters for mitochondria targeted cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1650-1657. | 5.8 | 16 |
| 18 | White light emission from gold nanoclusters embedded bacteria. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12360-12364. | 5.5 | 14 |

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|----|---|-----|-----------|
| 19 | Patterning Design in Color at the Submicron Scale. <i>Nano Letters</i> , 2001, 1, 409-412. | 9.1 | 13 |
| 20 | Surface-Complexed Zinc Ferrite Magnetofluorescent Nanoparticles for Killing Cancer Cells and Single-Particle-Level Cellular Imaging. <i>ACS Applied Nano Materials</i> , 2018, 1, 2496-2502. | 5.0 | 11 |
| 21 | Visible Light Excitation-Induced Luminescence from Gold Nanoclusters Following Surface Ligand Complexation with Zn ²⁺ for Daylight Sensing and Cellular Imaging. <i>Langmuir</i> , 2019, 35, 9037-9043. | 3.5 | 11 |
| 22 | Kinetics of reaction of gold nanoparticles following partial removal of stabilizers. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1. | 1.9 | 10 |
| 23 | Signatures of specificity of interactions of binary protein mixtures with citrate-stabilized gold nanoparticles. <i>RSC Advances</i> , 2012, 2, 5617. | 3.6 | 9 |
| 24 | Conformation aspect in the Î±-amylase induced agglomeration of citrate-stabilized gold nanoparticles. <i>RSC Advances</i> , 2013, 3, 23015. | 3.6 | 8 |
| 25 | Controlling the Chemistry of Nanoclusters: From Atomic Precision to Controlled Assembly. <i>Nanomaterials</i> , 2022, 12, 62. | 4.1 | 8 |
| 26 | Synergistic Anticancer Potential of Artemisinin When Loaded with 8-Hydroxyquinoline-Surface Complexed-Zinc Ferrite Magnetofluorescent Nanoparticles and Albumin Composite. <i>ACS Applied Bio Materials</i> , 2018, 1, 1229-1235. | 4.6 | 7 |
| 27 | Few Particle-Level Chromaticity Index-Based Discrimination of Biothiols Using Chemically Interactive Dual-Emitting Nanoprobe. <i>ACS Omega</i> , 2018, 3, 17220-17226. | 3.5 | 5 |
| 28 | Proteinâ€Nanoparticle Agglomerates as a Plasmonic Magneto-Luminescent Multifunctional Nanocarrier for Imaging and Combination Therapy. <i>ACS Applied Bio Materials</i> , 2019, 2, 3144-3152. | 4.6 | 5 |
| 29 | Tailoring the luminescence of atomic clusters <i>via</i> ligand exchange reaction mediated post synthetic modification. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 3959-3964. | 2.8 | 5 |
| 30 | Zincâ€Ionâ€Induced Aggregation of Gold Clusters for Visibleâ€Lightâ€Excitationâ€Based Fluorimetric Discrimination of Geometrical Isomers. <i>ChemPhysChem</i> , 2020, 21, 809-813. | 2.1 | 5 |
| 31 | Crystallizationâ€Induced Emission Enhancement of Nanoclusters and Oneâ€Step Conversion of â€Nanoclusters to Nanoparticlesâ€as the Basis for Intracellular Logic Operations. <i>ChemPhysChem</i> , 2019, 20, 953-958. | 2.1 | 4 |
| 32 | Galvanic reaction based generation of electronically transparent corrugated Agâ€Au nanoparticle thin films. <i>RSC Advances</i> , 2012, 2, 3642. | 3.6 | 3 |
| 33 | Photo induced chemical modification of surface ligands for aggregation and luminescence modulation of copper nanoclusters in the presence of oxygen. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 21776-21781. | 2.8 | 3 |
| 34 | Aggregation induced delayed green fluorescence from assembly of gold nanoclusters: an advanced probe for â€background freeâ€pyrophosphate recognition. <i>Materials Advances</i> , 2022, 3, 3286-3292. | 5.4 | 3 |