# Hui Jiang

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 157 papers | 6,628 citations | 61977 43 h-index | 76898 74 g-index |
| 160 all docs | 160 docs citations | 160 times ranked | 8795 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bio-assembled smart nanocapsules for targeted delivery of KRAS shRNA and cancer cell bioimage. Chinese Chemical Letters, 2023, 34, 107651. | 9.0 | 1 |
| 2 | Engineered Aptamerâ€Organic Amphiphile Selfâ€Assemblies for Biomedical Applications: Progress and Challenges. Small, 2022, 18, e2104341. | 10.0 | 11 |
| 3 | Intelligent peptide-nanorods against drug-resistant bacterial infection and promote wound healing by mild-temperature photothermal therapy. Chemical Engineering Journal, 2022, 432, 134061. | 12.7 | 26 |
| 4 | Intelligent bio-assembly imaging-guided platform for real-time bacteria sterilizing and infectious therapy. Nano Research, 2022, 15, 4164-4174. | 10.4 | 11 |
| 5 | Tumor-targeted nano-delivery system of therapeutic RNA. Materials Horizons, 2022, 9, 1111-1140. | 12.2 | 19 |
| 6 | Luminescent gold-peptide spheric aggregates: selective and effective cellular targeting. Journal of Colloid and Interface Science, 2022, 614, 502-510. | 9.4 | 5 |
| 7 | Hydrogen Peroxide and Hypochlorite Responsive Fluorescent Nanoprobes for Sensitive Cancer Cell Imaging. Biosensors, 2022, 12, 111. | 4.7 | 8 |
| 8 | Recent Advances in Engineered Noble Metal Nanomaterials as a Surface-Enhanced Raman Scattering Active Platform for Cancer Diagnostics. Journal of Biomedical Nanotechnology, 2022, 18, 1-23. | 1.1 | 2 |
| 9 | Biophysics involved in the process of tumor immune escape. IScience, 2022, 25, 104124. | 4.1 | 5 |
| 10 | Cancer-exocytosed exosomes loaded with bio-assembled AgNCs as smart drug carriers for targeted chemotherapy. Chemical Engineering Journal, 2022, 440, 135980. | 12.7 | 20 |
| 11 | Near-Infrared Light-Triggered Nitric Oxide Nanogenerators for NO-Photothermal Synergistic Cancer Therapy. Nanomaterials, 2022, 12, 1348. | 4.1 | 6 |
| 12 | Glucose-Responsive ZIF-8 Nanocomposites for Targeted Cancer Therapy through Combining Starvation with Stimulus-Responsive Nitric Oxide Synergistic Treatment. ACS Applied Bio Materials, 2022, 5, 2902-2912. | 4.6 | 10 |
| 13 | Acid-Responsive Multifunctional Zeolitic Imidazolate Framework-8 (ZIF-8) Nanocomposites for Tumor Chemo-Photothermal Synergistic Therapy. Bioconjugate Chemistry, 2022, 33, 1405-1414. | 3.6 | 5 |
| 14 | Alkaline phosphatase-responsive Zn2+ double-triggered nucleotide capped gold nanoclusters/ alginate hydrogel with recyclable nanozyme capability. Biosensors and Bioelectronics, 2021, 173, 112786. | 10.1 | 15 |
| 15 | Gold nanoclusters for theranostic applications. Coordination Chemistry Reviews, 2021, 431, 213689. | 18.8 | 96 |
| 16 | The synthesis of novel fluorescent bimetal nanoclusters for aqueous mercury detection based on aggregation-induced quenching. Analytical Methods, 2021, 13, 2575-2585. | 2.7 | 13 |
| 17 | Progress on photocatalytic semiconductor hybrids for bacterial inactivation. Materials Horizons, 2021, 8, 2964-3008. | 12.2 | 34 |
| 18 | Rapid and label-free cancer theranostics via in situ bio-self-assembled DNAâ€“gold nanostructures loaded exosomes. Materials Horizons, 2021, 8, 2771-2784. | 12.2 | 19 |

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| 19 | Hybrid nanomaterials-based biomedical phototheranostic platforms. Progress in Biomedical Engineering, 2021, 3, 032001. | 4.9 | 0 |
| 20 | Biodegradable Metal Organic Frameworks for Multimodal Imaging and Targeting Theranostics. Biosensors, 2021, 11, 299. | 4.7 | 11 |
| 21 | Functionalized gold nanomaterials as biomimetic nanozymes and biosensing actuators. TrAC - Trends in Analytical Chemistry, 2021, 143, 116376. | 11.4 | 31 |
| 22 | Formation of bio-responsive nanocomposites for targeted bacterial bioimaging and disinfection. Chemical Engineering Journal, 2021, 426, 130726. | 12.7 | 9 |
| 23 | Aptamer Embedded Arch-Cruciform DNA Assemblies on 2-D VS2 Scaffolds for Sensitive Detection of Breast Cancer Cells. Biosensors, 2021, 11, 378. | 4.7 | 4 |
| 24 | Intelligent Bio-Responsive Fluorescent Auâ€“shRNA Complexes for Regulated Autophagy and Effective Cancer Bioimaging and Therapeutics. Biosensors, 2021, 11, 425. | 4.7 | 5 |
| 25 | Das Aufkommen der organischen Einkristallelektronik. Angewandte Chemie, 2020, 132, 1424-1445. | 2.0 | 14 |
| 26 | The Emergence of Organic Singleâ€Crystal Electronics. Angewandte Chemie - International Edition, 2020, 59, 1408-1428. | 13.8 | 153 |
| 27 | Nanoelectrochemical biosensors for monitoring ROS in cancer cells. Analyst, The, 2020, 145, 1294-1301. | 3.5 | 18 |
| 28 | In situ self-assembling Au-DNA complexes for targeted cancer bioimaging and inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 308-316. | 7.1 | 54 |
| 29 | Relieving the Photosensitivity of Organic Fieldâ€Effect Transistors. Advanced Materials, 2020, 32, e1906122. | 21.0 | 61 |
| 30 | Efficient encapsulation of biocompatible nanoparticles in exosomes for cancer theranostics. Nano Today, 2020, 35, 100964. | 11.9 | 33 |
| 31 | The Stoichiometry of TCNQ-Based Organic Charge-Transfer Cocrystals. Crystals, 2020, 10, 993. | 2.2 | 8 |
| 32 | Self-Assembly Fabrication of Honeycomb-like Magneticâ€“Fluorescent Fe<sub>3</sub>O<sub>4</sub>â€“QDs Nanocomposites for Bimodal Imaging. Langmuir, 2020, 36, 14471-14477. | 3.5 | 7 |
| 33 | Specific Oxide Nanoclusters Enhance Intracellular Reactive Oxygen Species for Cancer-Targeted Therapy. Langmuir, 2020, 36, 9472-9480. | 3.5 | 15 |
| 34 | Tuning the Ï€â€“Ï€ overlap and charge transport in single crystals of an organic semiconductor via solvation and polymorphism. Physical Chemistry Chemical Physics, 2020, 22, 19855-19863. | 2.8 | 10 |
| 35 | Recent advances of BINOL-based sensors for enantioselective fluorescence recognition. Analyst, The, 2020, 145, 6769-6812. | 3.5 | 18 |
| 36 | In Situ Green Synthesis of Niâ€Doped CsPbBr 3 @SiO 2 Composites with Superior Stability for Fabrication of White Lightâ€Emitting Diodes. ChemistrySelect, 2020, 5, 9920-9925. | 1.5 | 2 |

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| 37 | A novel turn-on fluorescent sensor for the sensitive detection of glutathione via gold nanocluster preparation based on controllable ligand-induced etching. Analyst, The, 2020, 145, 4265-4275. | 3.5 | 9 |
| 38 | Facet-dependent antibacterial activity of Au nanocrystals. Chinese Chemical Letters, 2020, 31, 3183-3189. | 9.0 | 17 |
| 39 | How organic ligands affect the phase transition and fluorescent stability of perovskite nanocrystals. Journal of Materials Chemistry C, 2020, 8, 8999-9004. | 5.5 | 20 |
| 40 | Biosensors Based on Advanced Sulfur-Containing Nanomaterials. Sensors, 2020, 20, 3488. | 3.8 | 15 |
| 41 | Advances and challenges in metallic nanomaterial synthesis and antibacterial applications. Journal of Materials Chemistry B, 2020, 8, 4764-4777. | 5.8 | 73 |
| 42 | In situ self-assembled Agâ€“Fe<sub>3</sub>O<sub>4</sub> nanoclusters in exosomes for cancer diagnosis. Journal of Materials Chemistry B, 2020, 8, 2845-2855. | 5.8 | 30 |
| 43 | Orthogonal Adsorption of Carbon Dots and DNA on Nanoceria. Langmuir, 2020, 36, 2474-2481. | 3.5 | 8 |
| 44 | Precise therapeutic effect of self-assembling gold nanoclusterâ€“PTEN complexes on an orthotropic model of liver cancer. Journal of Cancer Research and Clinical Oncology, 2020, 146, 875-882. | 2.5 | 7 |
| 45 | Manganese oxide doped carbon dots for temperature-responsive biosensing and target bioimaging. Analytica Chimica Acta, 2020, 1104, 125-131. | 5.4 | 22 |
| 46 | Bio responsive self-assembly of Au-miRNAs for targeted cancer theranostics. EBioMedicine, 2020, 54, 102740. | 6.1 | 15 |
| 47 | Gold Nanoclusters for Bacterial Detection and Infection Therapy. Frontiers in Chemistry, 2020, 8, 181. | 3.6 | 28 |
| 48 | Reviewâ€”Intracellular Sensors Based on Carbonaceous Nanomaterials: A Review. Journal of the Electrochemical Society, 2020, 167, 037540. | 2.9 | 20 |
| 49 | In situbiosynthesized gold nanoclusters inhibiting cancer developmentviathe PI3Kâ€“AKT signaling pathway. Journal of Materials Chemistry B, 2019, 7, 5336-5344. | 5.8 | 15 |
| 50 | Trisulfideâ€Bond Acenes for Organic Batteries. Angewandte Chemie, 2019, 131, 13647-13655. | 2.0 | 7 |
| 51 | Trisulfideâ€Bond Acenes for Organic Batteries. Angewandte Chemie - International Edition, 2019, 58, 13513-13521. | 13.8 | 28 |
| 52 | Glutathione Induced Transformation of Partially Hollow Goldâ€“Silver Nanocages for Cancer Diagnosis and Photothermal Therapy. Small, 2019, 15, 1902755. | 10.0 | 23 |
| 53 | The â€œFramework Exchangeâ€•Strategy-Based MOF Platform for Biodegradable Multimodal Therapy. CheM, 2019, 5, 2942-2954. | 11.7 | 34 |
| 54 | Aggregation: Glutathione Induced Transformation of Partially Hollow Goldâ€“Silver Nanocages for Cancer Diagnosis and Photothermal Therapy (Small 35/2019). Small, 2019, 15, 1970188. | 10.0 | 0 |

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| 55 | Bivalent Metal Ions Tethered Fluorescent Gold Nanoparticles as a Reusable Peroxidase Mimic Nanozyme. Journal of Analysis and Testing, 2019, 3, 269-276. | 5.1 | 13 |
| 56 | Transition metal halide-doped, highly stable all-inorganic perovskite nanocrystals for fabrication of white light-emitting diodes. Journal of Materials Chemistry C, 2019, 7, 1690-1695. | 5.5 | 22 |
| 57 | Organicâ€inorganic Hybrid Perovskite Single Crystals: Crystallization, Molecular Structures, and Bandgap Engineering. ChemNanoMat, 2019, 5, 278-289. | 2.8 | 29 |
| 58 | Fluorescence light up detection of aluminium ion and imaging in live cells based on the aggregation-induced emission enhancement of thiolated gold nanoclusters. Talanta, 2019, 204, 548-554. | 5.5 | 33 |
| 59 | Agent-assisted VSSe ternary alloy single crystals as an efficient stable electrocatalyst for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2019, 7, 15714-15721. | 10.3 | 26 |
| 60 | Chromium(III)-doped carbon dots: fluorometric detection of p-nitrophenol via inner filter effect quenching. Mikrochimica Acta, 2019, 186, 384. | 5.0 | 32 |
| 61 | Conjugating gold nanoclusters and antimicrobial peptides: From aggregation-induced emission to antibacterial synergy. Journal of Colloid and Interface Science, 2019, 546, 1-10. | 9.4 | 88 |
| 62 | Unpacking the toolbox of two-dimensional nanostructures derived from nanosphere templates. Materials Horizons, 2019, 6, 1380-1408. | 12.2 | 16 |
| 63 | Which isomer is better for charge transport: anti- or syn-?. Journal of Materials Chemistry C, 2019, 7, 5858-5873. | 5.5 | 11 |
| 64 | Aggregationâ€induced Electrochemiluminescence by Metalâ€Binding Protein Responsive Hydrogel Scaffolds. Small, 2019, 15, e1901170. | 10.0 | 45 |
| 65 | Highly Stretchable, Elastic, and Ionic Conductive Hydrogel for Artificial Soft Electronics. Advanced Functional Materials, 2019, 29, 1806220. | 14.9 | 602 |
| 66 | A facile photoelectrochemical sensor for high sensitive ROS and AA detection based on graphitic carbon nitride nanosheets. Biosensors and Bioelectronics, 2018, 107, 54-61. | 10.1 | 51 |
| 67 | From Linear to Angular Isomers: Achieving Tunable Charge Transport in Singleâ€Crystal Indolocarbazoles Through Delicate Synergetic CH/NHâ‹…â‹…â‹…Ï€ Interactions. Angewandte Chemie - International Edition, 2018, 57, 8875-8880. | 13.8 | 44 |
| 68 | Impact of Câ€“HÂ·Â·Â·X (X = F, N) and Ï€â€“Ï€ Interactions on Tuning the Degree of Charge Transfer in F<sub>6</sub>TNAP-Based Organic Binary Compound Single Crystals. Crystal Growth and Design, 2018, 18, 1776-1785. | 3.0 | 40 |
| 69 | From Linear to Angular Isomers: Achieving Tunable Charge Transport in Singleâ€Crystal Indolocarbazoles Through Delicate Synergetic CH/NHâ‹…â‹…â‹…Ï€ Interactions. Angewandte Chemie, 2018, 130, 9013-9018. | 2.0 | 11 |
| 70 | Adjusting the Linear Range of Au-MOF Fluorescent Probes for Real-Time Analyzing Intracellular GSH in Living Cells. ACS Applied Materials & Interfaces, 2018, 10, 12417-12423. | 8.0 | 40 |
| 71 | Silver-Assisted Thiolate Ligand Exchange Induced Photoluminescent Boost of Gold Nanoclusters for Selective Imaging of Intracellular Glutathione. Chemistry of Materials, 2018, 30, 1947-1955. | 6.7 | 50 |
| 72 | Tuning of the degree of charge transfer and the electronic properties in organic binary compounds by crystal engineering: a perspective. Journal of Materials Chemistry C, 2018, 6, 1884-1902. | 5.5 | 149 |

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| 73 | Design of dual metal ions/dual amino acids integrated photoluminescent logic gate by high-molecular weight protein-localized Au nanoclusters. Nano Research, 2018, 11, 311-322. | 10.4 | 9 |
| 74 | Mammalian cells: a unique scaffold forin situbiosynthesis of metallic nanomaterials and biomedical applications. Journal of Materials Chemistry B, 2018, 6, 6501-6514. | 5.8 | 19 |
| 75 | Label-free detection of Acinetobacter baumannii through the induced fluorescence quenching of thiolated AuAg nanoclusters. Sensors and Actuators B: Chemical, 2018, 277, 388-393. | 7.8 | 33 |
| 76 | Monitoring dynamic release of intracellular hydrogen peroxide through a microelectrode based enzymatic biosensor. Analytical and Bioanalytical Chemistry, 2018, 410, 4509-4517. | 3.7 | 13 |
| 77 | Hole Mobility Modulation in Singleâ€Crystal Metal Phthalocyanines by Changing the Metalâ€“Ï€/Ï€â€“Ï€ Interactions. Angewandte Chemie, 2018, 130, 10269-10274. | 2.0 | 10 |
| 78 | Mercaptopyrimidine-directed gold nanoclusters: a suitable fluorescent probe for intracellular glutathione imaging and selective cancer cell identification. Journal of Materials Chemistry B, 2018, 6, 3650-3654. | 5.8 | 31 |
| 79 | Mercaptopyrimidine-Conjugated Gold Nanoclusters as Nanoantibiotics for Combating Multidrug-Resistant Superbugs. Bioconjugate Chemistry, 2018, 29, 3094-3103. | 3.6 | 80 |
| 80 | A label-free aptamer-based cytosensor for specific cervical cancer HeLa cell recognition through a g-C<sub>3</sub>N<sub>4</sub>â€“AgI/ITO photoelectrode. Journal of Materials Chemistry B, 2018, 6, 5039-5049. | 5.8 | 25 |
| 81 | Real-Time Multimodal Bioimaging of Cancer Cells and Exosomes through Biosynthesized Iridium and Iron Nanoclusters. ACS Applied Materials & Interfaces, 2018, 10, 26056-26063. | 8.0 | 60 |
| 82 | InnenrÃ¼cktitelbild: From Linear to Angular Isomers: Achieving Tunable Charge Transport in Singleâ€Crystal Indolocarbazoles Through Delicate Synergetic CH/NHâ‹…â‹…â‹…Ï€ Interactions (Angew. Chem.) Tj ET Q q 0 0 0 rg BT /Over | | |
| 83 | Hole Mobility Modulation in Singleâ€Crystal Metal Phthalocyanines by Changing the Metalâ€“Ï€/Ï€â€“Ï€ Interactions. Angewandte Chemie - International Edition, 2018, 57, 10112-10117. | 13.8 | 54 |
| 84 | Multiple Strategies for Controlled Synthesis of Atomically Precise Alloy Nanoclusters. Wuli Huaxue Xuebao/ Acta Physico - Chimica Sinica, 2018, 34, 740-754. | 4.9 | 14 |
| 85 | Recent advances in biomedical applications of fluorescent gold nanoclusters. Advances in Colloid and Interface Science, 2017, 242, 1-16. | 14.7 | 180 |
| 86 | Understanding the Photochemical Response of Zeolitic Imidazolate Framework-8 in the Sight of Framework, Uncoordinated 2-Methylimidazole and ZnxOy Clusters. Journal of Physical Chemistry C, 2017, 121, 12278-12284. | 3.1 | 5 |
| 87 | Red-emitted electrochemiluminescence by yellow fluorescent thioglycol/glutathione dual thiolate co-coated Au nanoclusters. Nanoscale, 2017, 9, 9792-9796. | 5.6 | 28 |
| 88 | Rapid and multimodal in vivo bioimaging of cancer cells through in situ biosynthesis of Zn&Fe nanoclusters. Nano Research, 2017, 10, 2626-2632. | 10.4 | 38 |
| 89 | Carborane Derivative Conjugated with Gold Nanoclusters for Targeted Cancer Cell Imaging. Biomacromolecules, 2017, 18, 1466-1472. | 5.4 | 47 |
| 90 | An intracellular temperature nanoprobe based on biosynthesized fluorescent copper nanoclusters. Journal of Materials Chemistry B, 2017, 5, 691-696. | 5.8 | 35 |

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| 91 | Single-crystal growth, structures, charge transfer and transport properties of anthracene-F<sub>4</sub>TCNQ and tetracene-F<sub>4</sub>TCNQ charge-transfer compounds. CrystEngComm, 2017, 19, 618-624. | 2.6 | 70 |
| 92 | Molecular Crystal Engineering: Tuning Organic Semiconductor from pâ€type to nâ€type by Adjusting Their Substitutional Symmetry. Advanced Materials, 2017, 29, 1605053. | 21.0 | 64 |
| 93 | In Situ Multimodality Imaging of Cancerous Cells Based on a Selective Performance of Fe<sup>2+</sup>â€Adsorbed Zeolitic Imidazolate Frameworkâ€8. Advanced Functional Materials, 2017, 27, 1603926. | 14.9 | 46 |
| 94 | In Vivo Biosynthesized Zinc and Iron Oxide Nanoclusters for High Spatiotemporal Dual-Modality Bioimaging of Alzheimerâ€™s Disease. Langmuir, 2017, 33, 9018-9024. | 3.5 | 22 |
| 95 | A Highly Potent Antibacterial Agent Targeting Methicillin-Resistant Staphylococcus aureus Based on Cobalt Bis(1,2-Dicarbollide) Alkoxy Derivative. Organometallics, 2017, 36, 3484-3490. | 2.3 | 50 |
| 96 | Progress of Metal Nanoclusters-based Electrochemiluminescent Analysis. Chinese Journal of Analytical Chemistry, 2017, 45, 1776-1785. | 1.7 | 16 |
| 97 | Construction and Potential Applications of Biosensors for Proteins in Clinical Laboratory Diagnosis. Sensors, 2017, 17, 2805. | 3.8 | 20 |
| 98 | Genome-wide functional analysis on the molecular mechanism of specifically biosynthesized fluorescence Eu complex. Oncotarget, 2017, 8, 72082-72095. | 1.8 | 3 |
| 99 | A novel nonenzymatic biosensor for evaluation of oxidative stress based on nanocomposites of graphene blended with CuI. Analytica Chimica Acta, 2016, 933, 66-74. | 5.4 | 12 |
| 100 | Photoactivated TiO<sub>2</sub> Nanowhiskers and Tetra Sulphonatophenyl Porphyrin Normoglycemic Effect on Diabetes Mellitus During Photodynamic Therapy. Journal of Nanoscience and Nanotechnology, 2016, 16, 12691-12694. | 0.9 | 8 |
| 101 | Single photon triggered dianion formation in TCNQ and F4TCNQ crystals. Scientific Reports, 2016, 6, 28510. | 3.3 | 30 |
| 102 | In vivo target bio-imaging of Alzheimer's disease by fluorescent zinc oxide nanoclusters. Biomaterials Science, 2016, 4, 1085-1091. | 5.4 | 37 |
| 103 | Titanium dioxide-tetra sulphonatophenyl porphyrin nanocomposites for target cellular bio-imaging and treatment of rheumatoid arthritis. Science China Chemistry, 2016, 59, 637-642. | 8.2 | 26 |
| 104 | Unexpected Thiols Triggering Photoluminescent Enhancement of Cytidine Stabilized Au Nanoclusters for Sensitive Assays of Glutathione Reductase and Its Inhibitors Screening. Analytical Chemistry, 2016, 88, 4766-4771. | 6.5 | 36 |
| 105 | Crystal Growth, HOMOâ€“LUMO Engineering, and Charge Transfer Degree in Perylene-F<sub>x</sub>TCNQ (x = 1, 2, 4) Organic Charge Transfer Binary Compounds. Crystal Growth and Design, 2016, 16, 3019-3027. | 3.0 | 135 |
| 106 | Biosynthesized Gold Nanoclusters and Iron Complexes as Scaffolds for Multimodal Cancer Bioimaging. Small, 2016, 12, 6255-6265. | 10.0 | 56 |
| 107 | Synergy and translation of allogenic bone marrow stem cells after photodynamic treatment of rheumatoid arthritis with tetra sulfonatophenyl porphyrin and TiO2 nanowhiskers. Nano Research, 2016, 9, 3305-3321. | 10.4 | 24 |
| 108 | Nitrogenâ€Doped Carbon Quantum Dot Stabilized Magnetic Iron Oxide Nanoprobe for Fluorescence, Magnetic Resonance, and Computed Tomography Tripleâ€Modal In Vivo Bioimaging. Advanced Functional Materials, 2016, 26, 8694-8706. | 14.9 | 113 |

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| 109 | In vivo target bio-imaging of cerebral ischemic stroke by real-time labeling of zinc. RSC Advances, 2016, 6, 110525-110534. | 3.6 | 10 |
| 110 | Additive manufacturing of micrometric crystallization vessels and single crystals. Scientific Reports, 2016, 6, 36786. | 3.3 | 3 |
| 111 | Control of Radiative Exciton Recombination by Charge Transfer Induced Surface Dipoles in MoS2 and WS2 Monolayers. Scientific Reports, 2016, 6, 24105. | 3.3 | 32 |
| 112 | Rapid and accurate tumor-target bio-imaging through specific in vivo biosynthesis of a fluorescent europium complex. Biomaterials Science, 2016, 4, 652-660. | 5.4 | 19 |
| 113 | Fluorescent gold nanoclusters for in vivo target imaging of Alzheimer's disease. RSC Advances, 2016, 6, 30081-30088. | 3.6 | 33 |
| 114 | Protective effect of TiO2 nanowhiskers on Tetra Sulphonatophenyl Porphyrin (TSPP) complexes induced oxidative stress during photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2016, 13, 267-275. | 2.6 | 21 |
| 115 | Bio-imaging and Photodynamic Therapy with Tetra Sulphonatophenyl Porphyrin (TSPP)-TiO2 Nanowhiskers: New Approaches in Rheumatoid Arthritis Theranostics. Scientific Reports, 2015, 5, 11518. | 3.3 | 65 |
| 116 | Green and facile synthesis of highly biocompatible carbon nanospheres and their pH-responsive delivery of doxorubicin to cancer cells. RSC Advances, 2015, 5, 17532-17540. | 3.6 | 17 |
| 117 | Facile synthesis of fluorescent Au/Ce nanoclusters for high-sensitive bioimaging. Journal of Nanobiotechnology, 2015, 13, 8. | 9.1 | 19 |
| 118 | In Situ Biosynthesis of Fluorescent Platinum Nanoclusters: Toward Self-Bioimaging-Guided Cancer Theranostics. ACS Applied Materials & Interfaces, 2015, 7, 18163-18169. | 8.0 | 79 |
| 119 | Highly Sensitive Electrochemical Biosensor for Evaluation of Oxidative Stress Based on the Nanointerface of Graphene Nanocomposites Blended with Gold, Fe<sub>3</sub>O<sub>4</sub>, and Platinum Nanoparticles. ACS Applied Materials & Interfaces, 2015, 7, 18441-18449. | 8.0 | 90 |
| 120 | Plasma-enhanced microwave solid-state synthesis of cadmium sulfide: reaction mechanism and optical properties. Dalton Transactions, 2015, 44, 13444-13449. | 3.3 | 7 |
| 121 | Thiols-Induced Rapid Photoluminescent Enhancement of Glutathione-Capped Gold Nanoparticles for Intracellular Thiols Imaging Applications. Analytical Chemistry, 2015, 87, 10230-10236. | 6.5 | 56 |
| 122 | One-step facile synthesis of fluorescent gold nanoclusters for rapid bio-imaging of cancer cells and small animals. RSC Advances, 2015, 5, 63821-63826. | 3.6 | 29 |
| 123 | In vivo accurate target bio-marking of tumors through in situ biosynthesized fluorescent zinc nanoclusters. RSC Advances, 2015, 5, 74844-74849. | 3.6 | 14 |
| 124 | Influence of photoactivated tetra sulphonatophenyl porphyrin and TiO<sub>2</sub>nanowhiskers on rheumatoid arthritis infected bone marrow stem cell proliferation in vitro and oxidative stress biomarkers in vivo. RSC Advances, 2015, 5, 107285-107292. | 3.6 | 12 |
| 125 | Solvent-Dependent Stoichiometry in Peryleneâ€“7,7,8,8-Tetracyanoquinodimethane Charge Transfer Compound Single Crystals. Crystal Growth and Design, 2014, 14, 6376-6382. | 3.0 | 58 |
| 126 | In-situ green synthesis of highly active GSH-capped Pt-Au-Ag-hybrid nanoclusters. Science China Chemistry, 2014, 57, 1532-1537. | 8.2 | 13 |

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| 127 | One-step rapid synthesis of fluorescent platinum nanoclusters for cellular imaging and photothermal treatment. RSC Advances, 2014, 4, 40141. | 3.6 | 32 |
| 128 | Charge Transport Properties of Peryleneâ€“TCNQ Crystals: The Effect of Stoichiometry. Journal of Physical Chemistry C, 2014, 118, 24688-24696. | 3.1 | 118 |
| 129 | Cytidine-Directed Rapid Synthesis of Water-Soluble and Highly Yellow Fluorescent Bimetallic AuAg Nanoclusters. Langmuir, 2014, 30, 10910-10917. | 3.5 | 42 |
| 130 | Epitaxial growth of successive CdSe ultrathin films and quantum dot layers on TiO2 nanorod arrays for photo-electrochemical cells. RSC Advances, 2014, 4, 12154. | 3.6 | 13 |
| 131 | Simultaneous and multisite tumor rapid-target bioimaging through in vivo biosynthesis of fluorescent gold nanoclusters. RSC Advances, 2014, 4, 37790-37795. | 3.6 | 26 |
| 132 | Adjusting tetrathiafulvalene (TTF) functionality through molecular design for organic field-effect transistors. CrystEngComm, 2014, 16, 5968. | 2.6 | 30 |
| 133 | Rapid and Ultrasensitive Electrochemical Detection of Multidrug-Resistant Bacteria Based on Nanostructured Gold Coated ITO Electrode. ACS Applied Materials & Interfaces, 2014, 6, 11025-11031. | 8.0 | 39 |
| 134 | Highly Sensitive Grapheneâ€“Pt Nanocomposites Amperometric Biosensor and Its Application in Living Cell H<sub>2</sub>O<sub>2</sub>Detection. Analytical Chemistry, 2014, 86, 9459-9465. | 6.5 | 277 |
| 135 | Excited-State Dynamics in an Î±-Perylene Single Crystal: Two-Photon- and Consecutive Two-Quantum-Induced Singlet Fission. Journal of Physical Chemistry A, 2014, 118, 838-843. | 2.5 | 39 |
| 136 | Single cytidine units-templated syntheses of multi-colored water-soluble Au nanoclusters. Nanoscale, 2014, 6, 10355-10362. | 5.6 | 30 |
| 137 | Fluorination of Metal Phthalocyanines: Single-Crystal Growth, Efficient N-Channel Organic Field-Effect Transistors and Structure-Property Relationships. Scientific Reports, 2014, 4, 7573. | 3.3 | 74 |
| 138 | Near-infrared fluorescence imaging of cancer cells and tumors through specific biosynthesis of silver nanoclusters. Scientific Reports, 2014, 4, 4384. | 3.3 | 102 |
| 139 | Single-crystal growth of organic semiconductors. MRS Bulletin, 2013, 38, 28-33. | 3.5 | 102 |
| 140 | Impurities in zone-refining anthracene crystals. Journal of Crystal Growth, 2013, 363, 61-68. | 1.5 | 25 |
| 141 | Atomically Flat, Largeâ€Sized, Twoâ€Dimensional Organic Nanocrystals. Small, 2013, 9, 990-995. | 10.0 | 51 |
| 142 | In vivo self-bio-imaging of tumors through in situ biosynthesized fluorescent gold nanoclusters. Scientific Reports, 2013, 3, 1157. | 3.3 | 166 |
| 143 | Layer-by-layer assembly of graphene, Au and poly(toluidine blue O) films sensor for evaluation of oxidative stress of tumor cells elicited by hydrogen peroxide. Biosensors and Bioelectronics, 2013, 41, 789-794. | 10.1 | 98 |
| 144 | Photoelectrocatalytic Oxidation of Glutathione Based on Porous TiO<sub>2</sub>â€“Pt Nanowhiskers. Langmuir, 2012, 28, 12393-12399. | 3.5 | 39 |

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| 145 | Disc-like 7, 14-dicyano-ovalene-3,4:10,11-bis(dicarboximide) as a solution-processible n-type semiconductor for air stable field-effect transistors. Chemical Science, 2012, 3, 846-850. | 7.4 | 54 |
| 146 | Ultrathin organic single crystals: fabrication, field-effect transistors and thickness dependence of charge carrier mobility. Journal of Materials Chemistry, 2011, 21, 4771. | 6.7 | 48 |
| 147 | Organic single crystalline micro- and nanowires field-effect transistors of a tetrathiafulvalene (TTF) derivative with strong Ï€â€“Ï€ orbits and Sâ‹¯S interactions. Synthetic Metals, 2011, 161, 136-142. | 3.9 | 12 |
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