# Hua Su

List of Publications by Year
in descending order



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|---|---|---|---|
| 23 papers | 1,035 citations | 758635 12 h-index | 752256 20 g-index |
| 23 all docs | 23 docs citations | 23 times ranked | 2241 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dual-Enzyme Characteristics of Polyvinylpyrrolidone-Capped Iridium Nanoparticles and Their Cellular Protective Effect against H<sub>2</sub>O<sub>2</sub>-Induced Oxidative Damage. ACS Applied Materials & Interfaces, 2015, 7, 8233-8242. | 4.0 | 169 |
| 2 | Co-Delivery of Cisplatin Prodrug and Chlorin e6 by Mesoporous Silica Nanoparticles for Chemo-Photodynamic Combination Therapy to Combat Drug Resistance. ACS Applied Materials & Interfaces, 2016, 8, 13332-13340. | 4.0 | 167 |
| 3 | Cyclodextrin and Polyethylenimine Functionalized Mesoporous Silica Nanoparticles for Delivery of siRNA Cancer Therapeutics. Theranostics, 2014, 4, 487-497. | 4.6 | 161 |
| 4 | Remarkable photoelectrochemical performance of carbon dots sensitized TiO<sub>2</sub>under visible light irradiation. Journal of Materials Chemistry A, 2014, 2, 16365-16368. | 5.2 | 100 |
| 5 | Multifunctional quantum-dot-based siRNA delivery for HPV18 E6 gene silence and intracellular imaging. Biomaterials, 2011, 32, 7978-7987. | 5.7 | 93 |
| 6 | Interfacial modification layers based on carbon dots for efficient inverted polymer solar cells exceeding 10% power conversion efficiency. Nano Energy, 2016, 26, 216-223. | 8.2 | 83 |
| 7 | Reversal of multidrug resistance in MCF-7/Adr cells by codelivery of doxorubicin and BCL2 siRNA using a folic acid-conjugated polyethylenimine hydroxypropyl-β-cyclodextrin nanocarrier. International Journal of Nanomedicine, 2015, 10, 3147. | 3.3 | 58 |
| 8 | Monitoring the dynamic photocatalytic activity of single CdS nanoparticles by lighting up H<sub>2</sub> nanobubbles with fluorescent dyes. Chemical Science, 2018, 9, 1448-1453. | 3.7 | 54 |
| 9 | Low-weight polyethylenimine cross-linked 2-hydroxypopyl-ß-cyclodextrin and folic acid as an efficient and nontoxic siRNA carrier for gene silencing and tumor inhibition by VEGF siRNA. International Journal of Nanomedicine, 2013, 8, 2101. | 3.3 | 51 |
| 10 | Synthesis, biocompatibility and luminescence properties of quantum dots conjugated with amino acid-functionalized Î²-cyclodextrin. Journal of Luminescence, 2012, 132, 16-22. | 1.5 | 22 |
| 11 | Tracking the rotation of single CdS nanorods during photocatalysis with surface plasmon resonance microscopy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6630-6634. | 3.3 | 20 |
| 12 | Enantioselective Hydrolysis of Amino Acid Esters Promoted by Bis(Î²-cyclodextrin) Copper Complexes. Scientific Reports, 2016, 6, 22080. | 1.6 | 14 |
| 13 | Identifying the existence of highly-fluorescent carboxylic group-rich carbon nanodots during a one-pot synthesis of branched polyethylenimine-passivated amine group-rich carbon nanodots. RSC Advances, 2015, 5, 40588-40594. | 1.7 | 9 |
| 14 | A Bubble-STORM Approach for Super-Resolved Imaging of Nucleation Sites in Hydrogen Evolution Reactions. ACS Sensors, 2021, 6, 380-386. | 4.0 | 9 |
| 15 | Accessing the spatiotemporal heterogeneities of single nanocatalysts by optically imaging gas nanobubbles. Current Opinion in Colloid and Interface Science, 2021, 55, 101465. | 3.4 | 7 |
| 16 | Dynamically Monitoring the Photodeposition of Single Cocatalyst Nanoparticles on Semiconductors via Fluorescence Imaging. Analytical Chemistry, 2021, 93, 11915-11919. | 3.2 | 5 |
| 17 | Photoassisted Electrochemical Micropatterning of Gold Film. Analytical Chemistry, 2019, 91, 9413-9418. | 3.2 | 4 |
| 18 | Evanescent Waveâ€Guided Growth of an Organic Supramolecular Nanowire Array. Angewandte Chemie - International Edition, 2020, 59, 19209-19214. | 7.2 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Sensitively fluorescent detection of H2 with resazurin hydrogenation reactions catalyzed by Pd/C nanocomposites. Inorganic Chemistry Communication, 2019, 106, 139-143. | 1.8 | 2 |
| 20 | Spatiotemporally Controlled Access to Photoluminescence Dark State of 2D Monolayer Semiconductor by FRAP Microscopy. Advanced Functional Materials, 0, , 2107551. | 7.8 | 2 |
| 21 | Evanescent Waveâ€Guided Growth of an Organic Supramolecular Nanowire Array. Angewandte Chemie, 2020, 132, 19371-19376. | 1.6 | 1 |
| 22 | A microwell array-based approach for studying single nanoparticle catalysis with high turnover frequency. Journal of Chemical Physics, 2021, 155, 071101. | 1.2 | 1 |
| 23 | Fabrication of Microfluidic Chips Using Laser Click Deposition. Sensors & Diagnostics, 0, , . | 1.9 | 0 |