Hua Su

List of Publications by Year
in descending order

23 papers	1,035 citations	759233 12 h-index	752698 20 g-index
23 all docs	23 docs citations	23 times ranked	2241 citing authors

#	Article	IF	Citations
1	A Bubble-STORM Approach for Super-Resolved Imaging of Nucleation Sites in Hydrogen Evolution Reactions. ACS Sensors, 2021, 6, 380-386.	7.8	9
2	A microwell array-based approach for studying single nanoparticle catalysis with high turnover frequency. Journal of Chemical Physics, 2021, 155, 071101.	3.0	1
3	Dynamically Monitoring the Photodeposition of Single Cocatalyst Nanoparticles on Semiconductors via Fluorescence Imaging. Analytical Chemistry, 2021, 93, 11915-11919.	6.5	5
4	Accessing the spatiotemporal heterogeneities of single nanocatalysts by optically imaging gas nanobubbles. Current Opinion in Colloid and Interface Science, 2021, 55, 101465.	7.4	7
5	Evanescent Waveâ€Guided Growth of an Organic Supramolecular Nanowire Array. Angewandte Chemie - International Edition, 2020, 59, 19209-19214.	13.8	3
6	Evanescent Waveâ€Guided Growth of an Organic Supramolecular Nanowire Array. Angewandte Chemie, 2020, 132, 19371-19376.	2.0	1
7	Sensitively fluorescent detection of H2 with resazurin hydrogenation reactions catalyzed by Pd/C nanocomposites. Inorganic Chemistry Communication, 2019, 106, 139-143.	3.9	2
8	Photoassisted Electrochemical Micropatterning of Gold Film. Analytical Chemistry, 2019, 91, 9413-9418.	6.5	4
9	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.	7.1	20
10	Monitoring the dynamic photocatalytic activity of single CdS nanoparticles by lighting up H₂ nanobubbles with fluorescent dyes. Chemical Science, 2018, 9, 1448-1453.	7.4	54
11	Enantioselective Hydrolysis of Amino Acid Esters Promoted by Bis(Î²-cyclodextrin) Copper Complexes. Scientific Reports, 2016, 6, 22080.	3.3	14
12	Interfacial modification layers based on carbon dots for efficient inverted polymer solar cells exceeding 10% power conversion efficiency. Nano Energy, 2016, 26, 216-223.	16.0	83
13	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.	8.0	167
14	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.	6.7	58
15	Dual-Enzyme Characteristics of Polyvinylpyrrolidone-Capped Iridium Nanoparticles and Their Cellular Protective Effect against H₂O₂-Induced Oxidative Damage. ACS Applied Materials & Interfaces, 2015, 7, 8233-8242.	8.0	169
16	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.	3.6	9
17	Remarkable photoelectrochemical performance of carbon dots sensitized TiO₂ under visible light irradiation. Journal of Materials Chemistry A, 2014, 2, 16365-16368.	10.3	100
18	Cyclodextrin and Polyethylenimine Functionalized Mesoporous Silica Nanoparticles for Delivery of siRNA Cancer Therapeutics. Theranostics, 2014, 4, 487-497.	10.0	161

#	Article	IF	Citations
19	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.	6.7	51
20	Synthesis, biocompatibility and luminescence properties of quantum dots conjugated with amino acid-functionalized Î²-cyclodextrin. Journal of Luminescence, 2012, 132, 16-22.	3.1	22
21	Multifunctional quantum-dot-based siRNA delivery for HPV18 E6 gene silence and intracellular imaging. Biomaterials, 2011, 32, 7978-7987.	11.4	93
22	Spatiotemporally Controlled Access to Photoluminescence Dark State of 2D Monolayer Semiconductor by FRAP Microscopy. Advanced Functional Materials, 0, , 2107551.	14.9	2
23	Fabrication of Microfluidic Chips Using Laser Click Deposition. Sensors & Diagnostics, 0, , .	3.8	0