

Hua Su

List of Publications by Year in descending order

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Version: 2024-02-01

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	Dual-Enzyme Characteristics of Polyvinylpyrrolidone-Capped Iridium Nanoparticles and Their Cellular Protective Effect against H ₂ O ₂ -Induced Oxidative Damage. ACS Applied Materials & Interfaces, 2015, 7, 8233-8242.	8.0	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.	8.0	167
3	Cyclodextrin and Polyethylenimine Functionalized Mesoporous Silica Nanoparticles for Delivery of siRNA Cancer Therapeutics. Theranostics, 2014, 4, 487-497.	10.0	161
4	Remarkable photoelectrochemical performance of carbon dots sensitized TiO ₂ under visible light irradiation. Journal of Materials Chemistry A, 2014, 2, 16365-16368.	10.3	100
5	Multifunctional quantum-dot-based siRNA delivery for HPV18 E6 gene silence and intracellular imaging. Biomaterials, 2011, 32, 7978-7987.	11.4	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.	16.0	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.	6.7	58
8	Monitoring the dynamic photocatalytic activity of single CdS nanoparticles by lighting up H ₂ nanobubbles with fluorescent dyes. Chemical Science, 2018, 9, 1448-1453.	7.4	54
9	Low-weight polyethylenimine cross-linked 2-hydroxypropyl-β-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
10	Synthesis, biocompatibility and luminescence properties of quantum dots conjugated with amino acid-functionalized β-cyclodextrin. Journal of Luminescence, 2012, 132, 16-22.	3.1	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.	7.1	20
12	Enantioselective Hydrolysis of Amino Acid Esters Promoted by Bis(β-cyclodextrin) Copper Complexes. Scientific Reports, 2016, 6, 22080.	3.3	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.	3.6	9
14	A Bubble-STORM Approach for Super-Resolved Imaging of Nucleation Sites in Hydrogen Evolution Reactions. ACS Sensors, 2021, 6, 380-386.	7.8	9
15	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
16	Dynamically Monitoring the Photodeposition of Single Cocatalyst Nanoparticles on Semiconductors via Fluorescence Imaging. Analytical Chemistry, 2021, 93, 11915-11919.	6.5	5
17	Photoassisted Electrochemical Micropatterning of Gold Film. Analytical Chemistry, 2019, 91, 9413-9418.	6.5	4
18	Evanescent Wave-Guided Growth of an Organic Supramolecular Nanowire Array. Angewandte Chemie - International Edition, 2020, 59, 19209-19214.	13.8	3

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19	Sensitively fluorescent detection of H ₂ with resazurin hydrogenation reactions catalyzed by Pd/C nanocomposites. <i>Inorganic Chemistry Communication</i> , 2019, 106, 139-143.	3.9	2
20	Spatiotemporally Controlled Access to Photoluminescence Dark State of 2D Monolayer Semiconductor by FRAP Microscopy. <i>Advanced Functional Materials</i> , 0, , 2107551.	14.9	2
21	Evanescent Waveâ€Guided Growth of an Organic Supramolecular Nanowire Array. <i>Angewandte Chemie</i> , 2020, 132, 19371-19376.	2.0	1
22	A microwell array-based approach for studying single nanoparticle catalysis with high turnover frequency. <i>Journal of Chemical Physics</i> , 2021, 155, 071101.	3.0	1
23	Fabrication of Microfluidic Chips Using Laser Click Deposition. <i>Sensors & Diagnostics</i> , 0, , .	3.8	0