

Qingming Shen

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,226
citations

159585

30
h-index

182427

51
g-index

51
all docs

51
docs citations

51
times ranked

4120
citing authors

#	ARTICLE	IF	CITATIONS
1	All-in-One Phototheranostics: Single Laser Triggers NIR-Fluorescence/Photoacoustic Imaging Guided Photothermal/Photodynamic/Chemo Combination Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1901480.	14.9	278
2	Highly Sensitive Electrochemical Detection of Tumor Exosomes Based on Aptamer Recognition-Induced Multi-DNA Release and Cyclic Enzymatic Amplification. <i>Analytical Chemistry</i> , 2018, 90, 4507-4513.	6.5	191
3	Three-dimensional Dendritic Pt Nanostructures: Sonoelectrochemical Synthesis and Electrochemical Applications. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16385-16392.	3.1	180
4	ZnO/CdS Hierarchical Nanospheres for Photoelectrochemical Sensing of Cu ²⁺ . <i>Journal of Physical Chemistry C</i> , 2011, 115, 17958-17964.	3.1	162
5	Multifunctional Thermosensitive Liposomes Based on Natural Phase-Change Material: Near-Infrared Light-Triggered Drug Release and Multimodal Imaging-Guided Cancer Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10540-10553.	8.0	146
6	Graphene-CdS Nanocomposites: Facile One-Step Synthesis and Enhanced Photoelectrochemical Cytosensing. <i>Chemistry - A European Journal</i> , 2012, 18, 4974-4981.	3.3	137
7	Ionic liquid induced highly dense assembly of porphyrin in MOF nanosheets for photodynamic therapy. <i>Dalton Transactions</i> , 2020, 49, 17772-17778.	3.3	128
8	Fabrication of Protein-Conjugated Silver Sulfide Nanorods in the Bovine Serum Albumin Solution. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10534-10539.	2.6	122
9	Biocompatible small organic molecule phototheranostics for NIR-II fluorescence/photoacoustic imaging and simultaneous photodynamic/photothermal combination therapy. <i>Materials Chemistry Frontiers</i> , 2019, 3, 650-655.	5.9	109
10	Signal-On Photoelectrochemical Biosensor for Sensitive Detection of Human T-Cell Lymphotropic Virus Type II DNA: Dual Signal Amplification Strategy Integrating Enzymatic Amplification with Terminal Deoxynucleotidyl Transferase-Mediated Extension. <i>Analytical Chemistry</i> , 2015, 87, 4949-4956.	6.5	108
11	Electrochemical Sensing of Exosomal MicroRNA Based on Hybridization Chain Reaction Signal Amplification with Reduced False-Positive Signals. <i>Analytical Chemistry</i> , 2020, 92, 5302-5310.	6.5	102
12	Morphology-Controlled Synthesis of Palladium Nanostructures by Sonoelectrochemical Method and Their Application in Direct Alcohol Oxidation. <i>Journal of Physical Chemistry C</i> , 2009, 113, 1267-1273.	3.1	93
13	The self-assembly of shape controlled functionalized graphene-MnO ₂ composites for application as supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9178-9184.	10.3	93
14	Highly sensitive photoelectrochemical assay for DNA methyltransferase activity and inhibitor screening by exciton energy transfer coupled with enzyme cleavage biosensing strategy. <i>Biosensors and Bioelectronics</i> , 2015, 64, 449-455.	10.1	87
15	High performance one-for-all phototheranostics: NIR-II fluorescence imaging guided mitochondria-targeting phototherapy with a single-dose injection and 808nm laser irradiation. <i>Biomaterials</i> , 2020, 231, 119671.	11.4	87
16	Fabrication of glutathione photoelectrochemical biosensor using graphene-CdS nanocomposites. <i>Analyst</i> , 2012, 137, 3697.	3.5	83
17	Endogenous oxygen generating multifunctional theranostic nanoplatform for enhanced photodynamic-photothermal therapy and multimodal imaging. <i>Theranostics</i> , 2019, 9, 7697-7713.	10.0	73
18	Photoelectrochemical DNA Biosensor Based on Dual-Signal Amplification Strategy Integrating Inorganic-Organic Nanocomposites Sensitization with Î»-Exonuclease-Assisted Target Recycling. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 35091-35098.	8.0	70

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19	Tumor Microenvironment-Responsive Fe(III)-Porphyrin Nanotheranostics for Tumor Imaging and Targeted Chemodynamic-Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 53634-53645.	8.0	64
20	Ultrasensitive photoelectrochemical biosensor for the detection of HTLV-I DNA: A cascade signal amplification strategy integrating λ -exonuclease aided target recycling with hybridization chain reaction and enzyme catalysis. <i>Biosensors and Bioelectronics</i> , 2018, 109, 190-196.	10.1	63
21	NIR-II fluorescence imaging guided tumor-specific NIR-II photothermal therapy enhanced by starvation mediated thermal sensitization strategy. <i>Biomaterials</i> , 2021, 275, 120935.	11.4	63
22	NIR-Excitation Phototheranostic Nanomedicine for Fluorescence/Photoacoustic Tumor Imaging and Targeted Photothermal-Photonic Thermodynamic Therapy. <i>Small</i> , 2021, 17, e2102527.	10.0	60
23	Enhanced photoelectrochemical aptasensing platform based on exciton energy transfer between CdSeTe alloyed quantum dots and SiO_2 @Au nanocomposites. <i>Chemical Communications</i> , 2015, 51, 7023-7026.	4.1	59
24	Multifunctional Theranostic Liposomes Loaded with a Hypoxia-Activated Prodrug for Cascade-Activated Tumor Selective Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 39410-39423.	8.0	58
25	Sensitive electrochemical biosensor for MicroRNAs based on duplex-specific nuclease-assisted target recycling followed with gold nanoparticles and enzymatic signal amplification. <i>Analytica Chimica Acta</i> , 2019, 1064, 33-39.	5.4	51
26	Chronic Myeloid Leukemia Drug Evaluation Using a Multisignal Amplified Photoelectrochemical Sensing Platform. <i>Analytical Chemistry</i> , 2014, 86, 11680-11689.	6.5	49
27	NIR-Absorbing Dye Functionalized Supramolecular Vesicles for Chemo-photothermal Synergistic Therapy. <i>ACS Applied Bio Materials</i> , 2018, 1, 70-78.	4.6	47
28	Facile synthesis of Au-SnO ₂ hybrid nanospheres with enhanced photoelectrochemical biosensing performance. <i>Nanoscale</i> , 2014, 6, 6315-6321.	5.6	45
29	A perylene diimide zwitterionic polymer for photoacoustic imaging guided photothermal/photodynamic synergistic therapy with single near-infrared irradiation. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3395-3403.	5.8	41
30	Size-controllable preparation of bovine serum albumin-conjugated PbS nanoparticles. <i>Materials Chemistry and Physics</i> , 2010, 119, 112-117.	4.0	32
31	Biomimetic synthesis of CdS nanocrystals in aqueous solution of pepsin. <i>Materials Chemistry and Physics</i> , 2006, 98, 125-130.	4.0	31
32	Ag nanoparticles self-supported on Ag ₂ V ₄ O ₁₁ nanobelts: Novel nanocomposite for direct electron transfer of hemoglobin and detection of H ₂ O ₂ . <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 200-205.	7.8	30
33	Synthesis of stabilizer-free gold nanoparticles by pulse sonoelectrochemical method. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 231-237.	8.2	30
34	Monodispersed grafted conjugated polyelectrolyte-stabilized magnetic nanoparticles as multifunctional platform for cellular imaging and drug delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 376-386.	5.8	28
35	Highly sensitive photoelectrochemical cysteine sensor based on reduced graphene oxide/CdS:Mn nanocomposites. <i>Journal of Electroanalytical Chemistry</i> , 2015, 759, 61-66.	3.8	27
36	Cadmium(II) (8-Hydroxyquinoline) Chloride Nanowires: Synthesis, Characterization and Glucose-Sensing Application. <i>Advanced Functional Materials</i> , 2008, 18, 3692-3698.	14.9	22

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37	Electrochemical DNA sensor-based strategy for sensitive detection of DNA demethylation and DNA demethylase activity. <i>Analytica Chimica Acta</i> , 2016, 934, 66-71.	5.4	19
38	Sensitive electrochemical detection of microRNA based on DNA walkers and hyperbranched HCR-DNAzyme cascade signal amplification strategy. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130348.	7.8	19
39	Biomimetic synthesis of CdS nanocrystals in the pepsin solution. <i>Materials Letters</i> , 2005, 59, 2889-2892.	2.6	17
40	Synthesis of polyaniline/Au composite nanotubes and their high performance in the detection of NADH. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 1717-1723.	2.5	14
41	Tunable NIR Absorption Property of a Dithiolene Nickel Complex: A Promising NIR-II Absorption Material for Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 4406-4412.	4.6	14
42	Injectable and Thermosensitive Liposomal Hydrogels for NIR-II Light-Triggered Photothermal-Chemo Therapy of Pancreatic Cancer. <i>ACS Applied Bio Materials</i> , 2021, 4, 7595-7604.	4.6	14
43	Oligo(p-phenyleneethynylene) embedded amphiphiles: synthesis, photophysical properties and self-assembled nanoparticles with high structural stability and photostability for cell imaging. <i>Polymer Chemistry</i> , 2014, 5, 5598.	3.9	12
44	Eco-friendly porous iron(III) oxide micromotors for efficient wastewater cleaning. <i>New Journal of Chemistry</i> , 2019, 43, 12594-12600.	2.8	12
45	DNAzyme-catalyzed etching process of Au/Ag nanocages visualized via dark-field imaging with time elapse for ultrasensitive detection of microRNA. <i>Sensors and Actuators B: Chemical</i> , 2021, 330, 129347.	7.8	11
46	Anatase TiO ₂ nanoparticle-graphene nanocomposites: One-step preparation and their enhanced direct electrochemistry of hemoglobin. <i>Analytical Methods</i> , 2012, 4, 619.	2.7	10
47	Highly selective synthesis of para-diethylbenzene by alkylation of ethylbenzene with diethyl carbonate over boron oxide modified HZSM-5. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 384-391.	4.8	10
48	Anisotropic plasmonic Pd-tipped Au nanorods for near-infrared light-activated photoacoustic imaging guided photothermal-photodynamic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2028-2037.	5.8	8
49	Role of complex equilibrium in the shape-selective performances of MgO/MCM-22 catalysts prepared by complexing impregnation. <i>Catalysis Communications</i> , 2014, 56, 174-178.	3.3	6
50	Facile synthesis of hollow mesoporous silica nanoparticles with in-situ formed CuS templates. <i>Materials Letters</i> , 2019, 250, 25-29.	2.6	6
51	Near-infrared-II light excitation thermosensitive liposomes for photoacoustic imaging-guided enhanced photothermal-chemo synergistic tumor therapy. <i>Biomaterials Science</i> , 2022, 10, 435-443.	5.4	5