

Qingming Shen

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,226
citations

159358

30
h-index

182168

51
g-index

51
all docs

51
docs citations

51
times ranked

4120
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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. | 2.6 | 5 |
| 2 | 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. | 2.9 | 8 |
| 3 | 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. | 4.0 | 11 |
| 4 | 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. | 2.3 | 14 |
| 5 | NIR-II fluorescence imaging guided tumor-specific NIR-II photothermal therapy enhanced by starvation mediated thermal sensitization strategy. <i>Biomaterials</i> , 2021, 275, 120935. | 5.7 | 63 |
| 6 | NIR-II Excitation Phototheranostic Nanomedicine for Fluorescence/Photoacoustic Tumor Imaging and Targeted Photothermal-Photonic Thermodynamic Therapy. <i>Small</i> , 2021, 17, e2102527. | 5.2 | 60 |
| 7 | 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. | 2.3 | 14 |
| 8 | 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. | 4.0 | 19 |
| 9 | 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. | 5.7 | 87 |
| 10 | 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. | 4.0 | 64 |
| 11 | Ionic liquid induced highly dense assembly of porphyrin in MOF nanosheets for photodynamic therapy. <i>Dalton Transactions</i> , 2020, 49, 17772-17778. | 1.6 | 128 |
| 12 | 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. | 3.2 | 102 |
| 13 | Eco-friendly porous iron(III) oxide micromotors for efficient wastewater cleaning. <i>New Journal of Chemistry</i> , 2019, 43, 12594-12600. | 1.4 | 12 |
| 14 | Endogenous oxygen generating multifunctional theranostic nanoplatfor for enhanced photodynamic-photothermal therapy and multimodal imaging. <i>Theranostics</i> , 2019, 9, 7697-7713. | 4.6 | 73 |
| 15 | 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. | 4.0 | 58 |
| 16 | All-in-One Phototheranostics: Single Laser Triggers NIR-II Fluorescence/Photoacoustic Imaging Guided Photothermal/Photodynamic/Chemo Combination Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1901480. | 7.8 | 278 |
| 17 | Facile synthesis of hollow mesoporous silica nanoparticles with in-situ formed CuS templates. <i>Materials Letters</i> , 2019, 250, 25-29. | 1.3 | 6 |
| 18 | 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. | 2.6 | 51 |

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|----|--|-----|-----------|
| 19 | 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. | 3.2 | 109 |
| 20 | 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. | 4.0 | 146 |
| 21 | 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. | 3.2 | 191 |
| 22 | 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. | 2.9 | 41 |
| 23 | 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>Sensors and Bioelectronics</i> , 2018, 109, 190-196. | 5.3 | 63 |
| 24 | NIR-Absorbing Dye Functionalized Supramolecular Vesicles for Chemo-photothermal Synergistic Therapy. <i>ACS Applied Bio Materials</i> , 2018, 1, 70-78. | 2.3 | 47 |
| 25 | Electrochemical DNA sensor-based strategy for sensitive detection of DNA demethylation and DNA demethylase activity. <i>Analytica Chimica Acta</i> , 2016, 934, 66-71. | 2.6 | 19 |
| 26 | Photoelectrochemical DNA Biosensor Based on Dual-Signal Amplification Strategy Integrating Inorganic-Organic Nanocomposites Sensitization with λ -Exonuclease-Assisted Target Recycling. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 35091-35098. | 4.0 | 70 |
| 27 | Highly sensitive photoelectrochemical cysteine sensor based on reduced graphene oxide/CdS:Mn nanocomposites. <i>Journal of Electroanalytical Chemistry</i> , 2015, 759, 61-66. | 1.9 | 27 |
| 28 | λ -Signal-On- λ -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. | 3.2 | 108 |
| 29 | 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. | 2.2 | 59 |
| 30 | Highly sensitive photoelectrochemical assay for DNA methyltransferase activity and inhibitor screening by exciton energy transfer coupled with enzyme cleavage biosensing strategy. <i>Sensors and Bioelectronics</i> , 2015, 64, 449-455. | 5.3 | 87 |
| 31 | 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. | 1.6 | 6 |
| 32 | Chronic Myeloid Leukemia Drug Evaluation Using a Multisignal Amplified Photoelectrochemical Sensing Platform. <i>Analytical Chemistry</i> , 2014, 86, 11680-11689. | 3.2 | 49 |
| 33 | 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. | 1.2 | 14 |
| 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. | 2.9 | 28 |
| 35 | 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. | 1.9 | 12 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | Facile synthesis of Au@SnO ₂ hybrid nanospheres with enhanced photoelectrochemical biosensing performance. <i>Nanoscale</i> , 2014, 6, 6315-6321. | 2.8 | 45 |
| 38 | 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. | 5.2 | 93 |
| 39 | Anatase TiO ₂ nanoparticle@graphene nanocomposites: One-step preparation and their enhanced direct electrochemistry of hemoglobin. <i>Analytical Methods</i> , 2012, 4, 619. | 1.3 | 10 |
| 40 | Fabrication of glutathione photoelectrochemical biosensor using graphene@CdS nanocomposites. <i>Analyst</i> , 2012, 137, 3697. | 1.7 | 83 |
| 41 | Graphene@CdS Nanocomposites: Facile One-Step Synthesis and Enhanced Photoelectrochemical Cytosensing. <i>Chemistry - A European Journal</i> , 2012, 18, 4974-4981. | 1.7 | 137 |
| 42 | ZnO/CdS Hierarchical Nanospheres for Photoelectrochemical Sensing of Cu ²⁺ . <i>Journal of Physical Chemistry C</i> , 2011, 115, 17958-17964. | 1.5 | 162 |
| 43 | Synthesis of stabilizer-free gold nanoparticles by pulse sonoelectrochemical method. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 231-237. | 3.8 | 30 |
| 44 | 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. | 4.0 | 30 |
| 45 | Size-controllable preparation of bovine serum albumin-conjugated PbS nanoparticles. <i>Materials Chemistry and Physics</i> , 2010, 119, 112-117. | 2.0 | 32 |
| 46 | 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. | 1.5 | 93 |
| 47 | Cadmium(II) (8-Hydroxyquinoline) Chloride Nanowires: Synthesis, Characterization and Glucose Sensing Application. <i>Advanced Functional Materials</i> , 2008, 18, 3692-3698. | 7.8 | 22 |
| 48 | Three-dimensional Dendritic Pt Nanostructures: Sonoelectrochemical Synthesis and Electrochemical Applications. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16385-16392. | 1.5 | 180 |
| 49 | Fabrication of Protein-Conjugated Silver Sulfide Nanorods in the Bovine Serum Albumin Solution. <i>Journal of Physical Chemistry B</i> , 2006, 110, 10534-10539. | 1.2 | 122 |
| 50 | Biomimetic synthesis of CdS nanocrystals in aqueous solution of pepsin. <i>Materials Chemistry and Physics</i> , 2006, 98, 125-130. | 2.0 | 31 |
| 51 | Biomimetic synthesis of CdS nanocrystals in the pepsin solution. <i>Materials Letters</i> , 2005, 59, 2889-2892. | 1.3 | 17 |