

Qiwei Tian

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

4,634
citations

33
h-index

67
g-index

79
ext. papers

5,430
ext. citations

8.4
avg, IF

5.6
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 75 | Hydrophilic Cu ₉ S ₅ nanocrystals: a photothermal agent with a 25.7% heat conversion efficiency for photothermal ablation of cancer cells in vivo. <i>ACS Nano</i> , 2011 , 5, 9761-71 | 16.7 | 940 |
| 74 | Hydrophilic flower-like CuS superstructures as an efficient 980 nm laser-driven photothermal agent for ablation of cancer cells. <i>Advanced Materials</i> , 2011 , 23, 3542-7 | 24 | 654 |
| 73 | Sub-10 nm Fe ₃ O ₄ @Cu(2-x)S core-shell nanoparticles for dual-modal imaging and photothermal therapy. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8571-7 | 16.4 | 510 |
| 72 | High contrast upconversion luminescence targeted imaging in vivo using peptide-labeled nanophosphors. <i>Analytical Chemistry</i> , 2009 , 81, 8687-94 | 7.8 | 354 |
| 71 | Multifunctional polypyrrole@Fe(3)O(4) nanoparticles for dual-modal imaging and in vivo photothermal cancer therapy. <i>Small</i> , 2014 , 10, 1063-8 | 11 | 119 |
| 70 | Hydrophilic Cu ₂ ZnSnS ₄ nanocrystals for printing flexible, low-cost and environmentally friendly solar cells. <i>CrystEngComm</i> , 2012 , 14, 3847 | 3.3 | 114 |
| 69 | The In Situ Sulfidation of Cu O by Endogenous H S for Colon Cancer Theranostics. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15782-15786 | 16.4 | 87 |
| 68 | Ultrasmall WO ₃ @poly-L-glutamic Acid Nanoparticles as a Photoacoustic Imaging and Effective Photothermal-Enhanced Chemodynamic Therapy Agent for Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 38833-38844 | 9.5 | 71 |
| 67 | Investigating the Influence of Mesoporosity in Zeolite Beta on Its Catalytic Performance for the Conversion of Methanol to Hydrocarbons. <i>ACS Catalysis</i> , 2015 , 5, 5837-5845 | 13.1 | 68 |
| 66 | Small Gold Nanorods: Recent Advances in Synthesis, Biological Imaging, and Cancer Therapy. <i>Materials</i> , 2017 , 10, | 3.5 | 63 |
| 65 | A general approach for the growth of metal oxide nanorod arrays on graphene sheets and their applications. <i>Chemistry - A European Journal</i> , 2011 , 17, 13912-7 | 4.8 | 62 |
| 64 | Dynamically tuning near-infrared-induced photothermal performances of TiO nanocrystals by Nb doping for imaging-guided photothermal therapy of tumors. <i>Nanoscale</i> , 2017 , 9, 9148-9159 | 7.7 | 61 |
| 63 | One-pot synthesis of large-scaled Janus Ag ₂ S nanoparticles and their photocatalytic properties. <i>CrystEngComm</i> , 2011 , 13, 7189 | 3.3 | 59 |
| 62 | Functionalized Holmium-Doped Hollow Silica Nanospheres for Combined Sonodynamic and Hypoxia-Activated Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1805764 | 15.6 | 55 |
| 61 | Beyond Creation of Mesoporosity: The Advantages of Polymer-Based Dual-Function Templates for Fabricating Hierarchical Zeolites. <i>Advanced Functional Materials</i> , 2016 , 26, 1881-1891 | 15.6 | 51 |
| 60 | Tumor pH-Responsive Albumin/Polyaniline Assemblies for Amplified Photoacoustic Imaging and Augmented Photothermal Therapy. <i>Small</i> , 2019 , 15, e1902926 | 11 | 49 |
| 59 | Mn-Porphyrin-Based Metal-Organic Framework with High Longitudinal Relaxivity for Magnetic Resonance Imaging Guidance and Oxygen Self-Supplementing Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 41946-41956 | 9.5 | 46 |

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| 58 | Lightly doped single crystalline porous Si nanowires with improved optical and electrical properties. <i>Journal of Materials Chemistry</i> , 2011 , 21, 801-805 | | 46 |
| 57 | One-pot synthesis of amphiphilic superparamagnetic FePt nanoparticles and magnetic resonance imaging in vitro. <i>Journal of Magnetism and Magnetic Materials</i> , 2010 , 322, 973-977 | 2.8 | 46 |
| 56 | Macrophages-Mediated Delivery of Small Gold Nanorods for Tumor Hypoxia Photoacoustic Imaging and Enhanced Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 15251-15261 | 9.5 | 45 |
| 55 | FeO-ZIF-8 assemblies as pH and glutathione responsive T-T switching magnetic resonance imaging contrast agent for sensitive tumor imaging in vivo. <i>Chemical Communications</i> , 2019 , 55, 478-481 | 5.8 | 42 |
| 54 | Functionalized CuBiS nanoparticles for dual-modal imaging and targeted photothermal/photodynamic therapy. <i>Nanoscale</i> , 2018 , 10, 4452-4462 | 7.7 | 42 |
| 53 | Self-assembly of peptide-based multi-colour gels triggered by up-conversion rare earth nanoparticles. <i>Chemical Communications</i> , 2009 , 4100-2 | 5.8 | 42 |
| 52 | Hydrophilic graphene oxide/bismuth selenide nanocomposites for CT imaging, photoacoustic imaging, and photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 1846-1855 | 7.3 | 41 |
| 51 | Ellagic acid-Fe@BSA nanoparticles for endogenous HS accelerated Fe(III)/Fe(II) conversion and photothermal synergistically enhanced chemodynamic therapy. <i>Theranostics</i> , 2020 , 10, 4101-4115 | 12.1 | 41 |
| 50 | A hollow Cu ₉ S ₈ theranostic nanoplatfom based on a combination of increased active sites and photothermal performance in enhanced chemodynamic therapy. <i>Chemical Engineering Journal</i> , 2020 , 385, 123925 | 14.7 | 38 |
| 49 | Recent advances in enhanced chemodynamic therapy strategies. <i>Nano Today</i> , 2021 , 39, 101162 | 17.9 | 38 |
| 48 | Tumor microenvironment-activated NIR-II reagents for tumor imaging and therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 4738-4747 | 7.3 | 37 |
| 47 | BSA-assisted synthesis of ultrasmall gallic acid-Fe(III) coordination polymer nanoparticles for cancer theranostics. <i>International Journal of Nanomedicine</i> , 2017 , 12, 7207-7223 | 7.3 | 37 |
| 46 | Large-scaled star-shaped β MnS nanocrystals with novel magnetic properties. <i>Chemical Communications</i> , 2011 , 47, 8100-2 | 5.8 | 35 |
| 45 | Paclitaxel-Induced Ultrasmall Gallic Acid-Fe@BSA Self-Assembly with Enhanced MRI Performance and Tumor Accumulation for Cancer Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 28483-28493 | 9.5 | 34 |
| 44 | Recent advances in the rational design of copper chalcogenide to enhance the photothermal conversion efficiency for the photothermal ablation of cancer cells. <i>RSC Advances</i> , 2017 , 7, 37887-37897 | 3.7 | 34 |
| 43 | A smart theranostic platform for photoacoustic and magnetic resonance dual-imaging-guided photothermal-enhanced chemodynamic therapy. <i>Nanoscale</i> , 2020 , 12, 5139-5150 | 7.7 | 33 |
| 42 | In situ preparation of CuInS ₂ films on a flexible copper foil and their application in thin film solar cells. <i>CrystEngComm</i> , 2012 , 14, 1825 | 3.3 | 30 |
| 41 | Surface Plasmon Resonance-Enhanced Photoacoustic Imaging and Photothermal Therapy of Endogenous H ₂ S-Triggered Au@Cu ₂ O. <i>Small</i> , 2019 , 15, e1903473 | 11 | 29 |

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| 40 | Heterostructures of vertical, aligned and dense SnO ₂ nanorods on graphene sheets: in situ TEM measured mechanical, electrical and field emission properties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 19196 | | 29 |
| 39 | Morphology-selective synthesis and wettability properties of well-aligned Cu _{2-x} Se nanostructures on a copper substrate. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3053 | | 29 |
| 38 | Construction of 980 nm laser-driven dye-sensitized photovoltaic cell with excellent performance for powering nanobiodevices implanted under the skin. <i>Journal of Materials Chemistry</i> , 2012 , 22, 18156 | | 26 |
| 37 | Recent progress in the direct synthesis of hierarchical zeolites: synthetic strategies and characterization methods. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 2195-2212 | 7.8 | 25 |
| 36 | Self-Assembly of Giant Mo Hollow Opening Dodecahedra. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13982-13988 | 16.4 | 25 |
| 35 | Smart nanomedicine agents for cancer, triggered by pH, glutathione, HO, or HS. <i>International Journal of Nanomedicine</i> , 2019 , 14, 5729-5749 | 7.3 | 24 |
| 34 | Phase and luminescent intensity control of hydrophilic rare-earth up-converting nanophosphors prepared by one-pot solvothermal synthesis. <i>Journal of Alloys and Compounds</i> , 2011 , 509, 6539-6544 | 5.7 | 24 |
| 33 | PEG-mediated solvothermal synthesis of NaYF ₄ :Yb/Er superstructures with efficient upconversion luminescence. <i>Journal of Alloys and Compounds</i> , 2010 , 506, L17-L21 | 5.7 | 24 |
| 32 | pH and Glutathione Synergistically Triggered Release and Self-Assembly of Au Nanospheres for Tumor Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 8050-8061 | 9.5 | 23 |
| 31 | Identifying macrophage enrichment in atherosclerotic plaques by targeting dual-modal US imaging/MRI based on biodegradable Fe-doped hollow silica nanospheres conjugated with anti-CD68 antibody. <i>Nanoscale</i> , 2018 , 10, 20246-20255 | 7.7 | 20 |
| 30 | A method for joining individual graphene sheets. <i>Carbon</i> , 2012 , 50, 4965-4972 | 10.4 | 19 |
| 29 | Water-Soluble Polymer Nanoparticles Constructed by Three-Component Self-Assembly: An Efficient Theranostic Agent for Phosphorescent Imaging and Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2017 , 23, 3728-3734 | 4.8 | 18 |
| 28 | Concentration effect on large scale synthesis of high quality small gold nanorods and their potential role in cancer theranostics. <i>Materials Science and Engineering C</i> , 2018 , 87, 120-127 | 8.3 | 18 |
| 27 | Heteropoly blue doped polymer nanoparticles: an efficient theranostic agent for targeted photoacoustic imaging and near-infrared photothermal therapy in vivo. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 382-387 | 7.3 | 17 |
| 26 | Flexible fiber-shaped CuInSe ₂ solar cells with single-wire-structure: Design, construction and performance. <i>Nano Energy</i> , 2012 , 1, 769-776 | 17.1 | 17 |
| 25 | Recent progress in HS activated diagnosis and treatment agents.. <i>RSC Advances</i> , 2019 , 9, 33578-33588 | 3.7 | 17 |
| 24 | Weight Magnetic Resonance Imaging Performances of Iron Oxide Nanoparticles Modified with a Natural Protein Macromolecule and an Artificial Macromolecule. <i>Nanomaterials</i> , 2019 , 9, | 5.4 | 15 |
| 23 | Hydrothermal synthesis, growth mechanism, and properties of three-dimensional micro/nanoscaled hierarchical architecture films of hemimorphite zinc silicate. <i>CrystEngComm</i> , 2011 , 13, 2273 | 3.3 | 15 |

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| 22 | A smart off-on copper sulfide photoacoustic imaging agent based on amorphous-crystalline transition for cancer imaging. <i>Chemical Communications</i> , 2018 , 54, 10962-10965 | 5.8 | 15 |
| 21 | Magnetic-Photoacoustic Dual-Mode Probe for the Visualization of HS in Colorectal Cancer. <i>Analytical Chemistry</i> , 2020 , 92, 8254-8261 | 7.8 | 14 |
| 20 | Gadolinium-labelled iron/iron oxide core/shell nanoparticles as - contrast agent for magnetic resonance imaging.. <i>RSC Advances</i> , 2018 , 8, 26764-26770 | 3.7 | 14 |
| 19 | A controllable hydrothermal synthesis of uniform three-dimensional hierarchical microstructured ZnO films. <i>CrystEngComm</i> , 2011 , 13, 6107 | 3.3 | 14 |
| 18 | Large-scale synthesis of monodisperse Prussian blue nanoparticles for cancer theranostics via an "in situ modification" strategy. <i>International Journal of Nanomedicine</i> , 2019 , 14, 271-288 | 7.3 | 14 |
| 17 | Synthesis and characterization of tin disulfide hexagonal nanoflakes via solvothermal decomposition. <i>Materials Letters</i> , 2012 , 67, 32-34 | 3.3 | 13 |
| 16 | Oriented free-standing ammonium vanadium oxide nanobelt membranes: highly selective absorbent materials. <i>Chemistry - A European Journal</i> , 2010 , 16, 14307-12 | 4.8 | 13 |
| 15 | Ultrasensitive iron-based magnetic resonance contrast agent constructed with natural polyphenol tannic acid for tumor theranostics. <i>Science China Materials</i> , 2021 , 64, 498-509 | 7.1 | 13 |
| 14 | Ultrasmall Fe@FeO nanoparticles as T-T dual-mode MRI contrast agents for targeted tumor imaging. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 32, 102335 | 6 | 12 |
| 13 | Remodeling endogenous H ₂ S microenvironment in colon cancer to enhance chemodynamic therapy. <i>Chemical Engineering Journal</i> , 2021 , 422, 130098 | 14.7 | 11 |
| 12 | Macromolecules with Different Charges, Lengths, and Coordination Groups for the Coprecipitation Synthesis of Magnetic Iron Oxide Nanoparticles as MRI Contrast Agents. <i>Nanomaterials</i> , 2019 , 9, | 5.4 | 10 |
| 11 | A mobile Sn nanowire inside a Ga ₂ O ₃ tube: a practical nanoscale electrically/thermally driven switch. <i>Small</i> , 2011 , 7, 3377-84 | 11 | 10 |
| 10 | Uniform ZnSe microspheres self-assembled from ZnSe polyhedron shaped nanocrystals. <i>CrystEngComm</i> , 2011 , 13, 1518-1524 | 3.3 | 9 |
| 9 | One-pot synthesis of Zn _x Cd _{1-x} S nanocrystals with tunable optical properties from molecular precursors. <i>Journal of Alloys and Compounds</i> , 2010 , 506, 804-810 | 5.7 | 9 |
| 8 | Engineering a Smart Agent for Enhanced Immunotherapy Effect by Simultaneously Blocking PD-L1 and CTLA-4. <i>Advanced Science</i> , 2021 , 8, e2102500 | 13.6 | 6 |
| 7 | Ellagic acid-Fe nanoscale coordination polymer with higher longitudinal relaxivity for dual-modality T-weighted magnetic resonance and photoacoustic tumor imaging. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 28, 102219 | 6 | 4 |
| 6 | Tumor Microenvironment-Responsive Reagent DFS@HKUST-1 for Photoacoustic Imaging-Guided Multimethod Therapy.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 5753-5764 | 4.1 | 4 |
| 5 | The In Situ Sulfidation of Cu ₂ O by Endogenous H ₂ S for Colon Cancer Theranostics. <i>Angewandte Chemie</i> , 2018 , 130, 16008-16012 | 3.6 | 4 |

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| 4 | Small Au nanorods-MnO ₂ sheet aggregation with enhanced photoacoustic imaging for tumor. <i>Materials Letters</i> , 2021 , 304, 130592 | 3.3 | 3 |
| 3 | NIR-II laser-mediated photo-Fenton-like reaction via plasmonic Cu ₉ S ₈ for immunotherapy enhancement. <i>Nano Today</i> , 2022 , 43, 101397 | 17.9 | 2 |
| 2 | Zeolitic imidazolate framework nanoparticles loaded with gadolinium chelate as efficient T1 MRI contrast agent. <i>Journal of Materials Science</i> , 2021 , 56, 7386-7396 | 4.3 | 0 |
| 1 | Hierarchical Zeolites: Beyond Creation of Mesoporosity: The Advantages of Polymer-Based Dual-Function Templates for Fabricating Hierarchical Zeolites (Adv. Funct. Mater. 12/2016). <i>Advanced Functional Materials</i> , 2016 , 26, 1854-1854 | 15.6 | |