

Qiwei Tian

List of Publications by Year in Descending Order

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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	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
74	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
73	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
72	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
71	Recent advances in enhanced chemodynamic therapy strategies. <i>Nano Today</i> , 2021 , 39, 101162	17.9	38
70	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
69	Remodeling endogenous H ₂ S microenvironment in colon cancer to enhance chemodynamic therapy. <i>Chemical Engineering Journal</i> , 2021 , 422, 130098	14.7	11
68	Small Au nanorods-MnO ₂ sheet aggregation with enhanced photoacoustic imaging for tumor. <i>Materials Letters</i> , 2021 , 304, 130592	3.3	3
67	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
66	Magnetic-Photoacoustic Dual-Mode Probe for the Visualization of HS in Colorectal Cancer. <i>Analytical Chemistry</i> , 2020 , 92, 8254-8261	7.8	14
65	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
64	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
63	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
62	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
61	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
60	A hollow Cu ₉ S ₈ theranostic nanoplatform 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
59	Self-Assembly of Giant Mo Hollow Opening Dodecahedra. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13982-13988	16.4	25

58	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
57	Tumor pH-Responsive Albumin/Polyaniline Assemblies for Amplified Photoacoustic Imaging and Augmented Photothermal Therapy. <i>Small</i> , 2019 , 15, e1902926	11	49
56	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
55	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
54	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
53	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
52	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
51	Surface Plasmon Resonance-Enhanced Photoacoustic Imaging and Photothermal Therapy of Endogenous H S-Triggered Au@Cu O. <i>Small</i> , 2019 , 15, e1903473	11	29
50	Recent progress in HS activated diagnosis and treatment agents.. <i>RSC Advances</i> , 2019 , 9, 33578-33588	3.7	17
49	Functionalized Holmium-Doped Hollow Silica Nanospheres for Combined Sonodynamic and Hypoxia-Activated Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1805764	15.6	55
48	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
47	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
46	Functionalized CuBiS nanoparticles for dual-modal imaging and targeted photothermal/photodynamic therapy. <i>Nanoscale</i> , 2018 , 10, 4452-4462	7.7	42
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	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
43	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
42	The In Situ Sulfidation of Cu2O by Endogenous H2S for Colon Cancer Theranostics. <i>Angewandte Chemie</i> , 2018 , 130, 16008-16012	3.6	4
41	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

40	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
39	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
38	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
37	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
36	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
35	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
34	Dynamically tuning near-infrared-induced photothermal performances of TiO ₂ nanocrystals by Nb doping for imaging-guided photothermal therapy of tumors. <i>Nanoscale</i> , 2017 , 9, 9148-9159	7.7	61
33	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
32	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
31	Small Gold Nanorods: Recent Advances in Synthesis, Biological Imaging, and Cancer Therapy. <i>Materials</i> , 2017 , 10,	3.5	63
30	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
29	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	
28	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
27	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
26	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
25	Synthesis and characterization of tin disulfide hexagonal nanoflakes via solvothermal decomposition. <i>Materials Letters</i> , 2012 , 67, 32-34	3.3	13
24	A method for joining individual graphene sheets. <i>Carbon</i> , 2012 , 50, 4965-4972	10.4	19
23	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

22	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
21	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
20	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
19	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
18	One-pot synthesis of large-scaled Janus Ag ₂ S nanoparticles and their photocatalytic properties. <i>CrystEngComm</i> , 2011 , 13, 7189	3.3	59
17	Large-scaled star-shaped MnS nanocrystals with novel magnetic properties. <i>Chemical Communications</i> , 2011 , 47, 8100-2	5.8	35
16	Lightly doped single crystalline porous Si nanowires with improved optical and electrical properties. <i>Journal of Materials Chemistry</i> , 2011 , 21, 801-805		46
15	Uniform ZnSe microspheres self-assembled from ZnSe polyhedron shaped nanocrystals. <i>CrystEngComm</i> , 2011 , 13, 1518-1524	3.3	9
14	A controllable hydrothermal synthesis of uniform three-dimensional hierarchical microstructured ZnO films. <i>CrystEngComm</i> , 2011 , 13, 6107	3.3	14
13	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
12	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
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	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
9	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
8	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
7	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
6	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
5	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

4	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
3	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
2	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
1	High contrast upconversion luminescence targeted imaging in vivo using peptide-labeled nanophosphors. <i>Analytical Chemistry</i> , 2009 , 81, 8687-94	7.8	354