

Rui Tian

List of Publications by Year in descending order

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51
papers

6,426
citations

101543

36
h-index

168389

53
g-index

53
all docs

53
docs citations

53
times ranked

7128
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Copper Peroxide Nanodots for H ₂ O ₂ Self-Supplying Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2019, 141, 9937-9945.	13.7	759
2	Near-Infrared Molecular Dyes for Cancer Imaging and Surgery. <i>Advanced Materials</i> , 2019, 31, e1900321.	21.0	631
3	Biomimetic Synthesis of Copper Sulfide-Ferritin Nanocages as Cancer Theranostics. <i>ACS Nano</i> , 2016, 10, 3453-3460.	14.6	328
4	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6492-6496.	13.8	328
5	Toxic Reactive Oxygen Species Enhanced Synergistic Combination Therapy by Self-Assembled Metal-Phenolic Network Nanoparticles. <i>Advanced Materials</i> , 2018, 30, 1704877.	21.0	311
6	Repurposing Cyanine NIR Dyes Accelerates Clinical Translation of Near-Infrared (NIR) Bioimaging. <i>Advanced Materials</i> , 2018, 30, e1802546.	21.0	249
7	Albumin/vaccine nanocomplexes that assemble in vivo for combination cancer immunotherapy. <i>Nature Communications</i> , 2017, 8, 1954.	12.8	237
8	Hybrid cellular membrane nanovesicles amplify macrophage immune responses against cancer recurrence and metastasis. <i>Nature Communications</i> , 2020, 11, 4909.	12.8	199
9	Smart Nanovesicle-Mediated Immunogenic Cell Death through Tumor Microenvironment Modulation for Effective Photodynamic Immunotherapy. <i>ACS Nano</i> , 2020, 14, 620-631.	14.6	192
10	Decoy nanoparticles protect against COVID-19 by concurrently adsorbing viruses and inflammatory cytokines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27141-27147.	7.1	173
11	Biodegradable Hollow Mesoporous Organosilica Nanotheranostics for Mild Hyperthermia-Induced Bubble-Enhanced Oxygen-Sensitized Radiotherapy. <i>ACS Nano</i> , 2018, 12, 1580-1591.	14.6	172
12	Albumin-chaperoned cyanine dye yields superbright NIR-II fluorophore with enhanced pharmacokinetics. <i>Science Advances</i> , 2019, 5, eaaw0672.	10.3	171
13	Endogenous Labile Iron Pool-Mediated Free Radical Generation for Cancer Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 15320-15330.	13.7	170
14	Impact of Semiconducting Perylene Diimide Nanoparticle Size on Lymph Node Mapping and Cancer Imaging. <i>ACS Nano</i> , 2017, 11, 4247-4255.	14.6	157
15	Microneedle-array patches loaded with dual mineralized protein/peptide particles for type 2 diabetes therapy. <i>Nature Communications</i> , 2017, 8, 1777.	12.8	146
16	Activating Macrophage-Mediated Cancer Immunotherapy by Genetically Edited Nanoparticles. <i>Advanced Materials</i> , 2020, 32, e2004853.	21.0	146
17	Activatable Fluorescence Probes for Turn-On and Ratiometric Biosensing and Bioimaging: From NIR-I to NIR-II. <i>Bioconjugate Chemistry</i> , 2020, 31, 276-292.	3.6	140
18	Targeted scavenging of extracellular ROS relieves suppressive immunogenic cell death. <i>Nature Communications</i> , 2020, 11, 4951.	12.8	132

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19	Cancer Cell Membrane-Coated Nanoparticles for Personalized Therapy in Patient-Derived Xenograft Models. <i>Advanced Functional Materials</i> , 2019, 29, 1905671.	14.9	125
20	Rational design of a super-contrast NIR-II fluorophore affords high-performance NIR-II molecular imaging guided microsurgery. <i>Chemical Science</i> , 2019, 10, 326-332.	7.4	124
21	Hierarchical Tumor Microenvironment-Responsive Nanomedicine for Programmed Delivery of Chemotherapeutics. <i>Advanced Materials</i> , 2018, 30, e1803926.	21.0	119
22	Virus-mimetic nanovesicles as a versatile antigen-delivery system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6129-38.	7.1	118
23	Artificial local magnetic field inhomogeneity enhances T2 relaxivity. <i>Nature Communications</i> , 2017, 8, 15468.	12.8	114
24	Cell-Membrane-Mimicking Nanodecoys against Infectious Diseases. <i>ACS Nano</i> , 2020, 14, 2569-2574.	14.6	103
25	Cooperation of endogenous and exogenous reactive oxygen species induced by zinc peroxide nanoparticles to enhance oxidative stress-based cancer therapy. <i>Theranostics</i> , 2019, 9, 7200-7209.	10.0	96
26	Acidity/Reducibility Dual-Responsive Hollow Mesoporous Organosilica Nanoplatfoms for Tumor-Specific Self-Assembly and Synergistic Therapy. <i>ACS Nano</i> , 2018, 12, 12269-12283.	14.6	86
27	Evans Blue Attachment Enhances Somatostatin Receptor Subtype-2 Imaging and Radiotherapy. <i>Theranostics</i> , 2018, 8, 735-745.	10.0	73
28	Single Low-Dose Injection of Evans Blue Modified PSMA-617 Radioligand Therapy Eliminates Prostate-Specific Membrane Antigen Positive Tumors. <i>Bioconjugate Chemistry</i> , 2018, 29, 3213-3221.	3.6	68
29	Oxygen-Evolving Manganese Ferrite Nanovesicles for Hypoxia-Responsive Drug Delivery and Enhanced Cancer Chemoimmunotherapy. <i>Advanced Functional Materials</i> , 2021, 31, 2008078.	14.9	65
30	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. <i>Angewandte Chemie</i> , 2017, 129, 6592-6596.	2.0	63
31	Porphyrim Nanocage-Embedded Single-Molecular Nanoparticles for Cancer Nanotheranostics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8799-8803.	13.8	62
32	Beyond Photo: Xdynamic Therapies in Fighting Cancer. <i>Advanced Materials</i> , 2021, 33, e2007488.	21.0	58
33	A hypoxia responsive nanoassembly for tumor specific oxygenation and enhanced sonodynamic therapy. <i>Biomaterials</i> , 2021, 275, 120822.	11.4	57
34	Size-transformable antigen-presenting cell-mimicking nanovesicles potentiate effective cancer immunotherapy. <i>Science Advances</i> , 2020, 6, .	10.3	53
35	Efficient intracellular delivery of proteins by a multifunctional chimaeric peptide in vitro and in vivo. <i>Nature Communications</i> , 2021, 12, 5131.	12.8	44
36	Capturing Cytokines with Advanced Materials: A Potential Strategy to Tackle COVID-19 Cytokine Storm. <i>Advanced Materials</i> , 2021, 33, e2100012.	21.0	43

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37	Radioligand Therapy of Prostate Cancer with a Long-Lasting Prostate-Specific Membrane Antigen Targeting Agent 90Y-DOTA-EB-MCG. <i>Bioconjugate Chemistry</i> , 2018, 29, 2309-2315.	3.6	38
38	Zwitterionic-to-cationic charge conversion polyprodrug nanomedicine for enhanced drug delivery. <i>Theranostics</i> , 2020, 10, 6629-6637.	10.0	37
39	A genetic engineering strategy for editing near-infrared-II fluorophores. <i>Nature Communications</i> , 2022, 13, .	12.8	33
40	An Albumin-Binding <i>1</i> ² Dual-Modal MRI Contrast Agents for Improved Sensitivity and Accuracy in Tumor Imaging. <i>Bioconjugate Chemistry</i> , 2019, 30, 1821-1829.	3.6	32
41	MRI Reporter Genes for Noninvasive Molecular Imaging. <i>Molecules</i> , 2016, 21, 580.	3.8	31
42	PET imaging of EGFR expression using an 18F-labeled RNA aptamer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 948-956.	6.4	28
43	A Logic-Gated Modular Nanovesicle Enables Programmable Drug Release for On-Demand Chemotherapy. <i>Theranostics</i> , 2019, 9, 1358-1368.	10.0	21
44	Multimodal stratified imaging of nanovaccines in lymph nodes for improving cancer immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2020, 161-162, 145-160.	13.7	21
45	Ultrasmall Quantum Dots with Broad Spectrum Metal Doping Ability for Trimodal Molecular Imaging. <i>Advanced Functional Materials</i> , 2019, 29, 1901671.	14.9	16
46	Converting Red Blood Cells to Efficient Microreactors for Blood Detoxification. <i>Advanced Materials</i> , 2017, 29, 1603673.	21.0	15
47	An Albumin Sandwich Enhances in Vivo Circulation and Stability of Metabolically Labile Peptides. <i>Bioconjugate Chemistry</i> , 2019, 30, 1711-1723.	3.6	13
48	Shielding Unit Engineering of NIR-II Molecular Fluorophores for Improved Fluorescence Performance and Renal Excretion Ability. <i>Frontiers in Chemistry</i> , 2021, 9, 739802.	3.6	10
49	Porphyrim Nanocage-Embedded Single-Molecular Nanoparticles for Cancer Nanotheranostics. <i>Angewandte Chemie</i> , 2019, 131, 8891-8895.	2.0	7
50	In Vivo Imaging: Multiplexed NIR-II Probes for Lymph Node-Invaded Cancer Detection and Imaging-Guided Surgery (<i>Adv. Mater.</i> 11/2020). <i>Advanced Materials</i> , 2020, 32, 2070086.	21.0	6
51	A potent neutralizing and protective antibody against a conserved continuous epitope on HSV glycoprotein D. <i>Antiviral Research</i> , 2022, 201, 105298.	4.1	3