

Jianhua Zou

List of Publications by Year in descending order

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38
papers

2,936
citations

201674

27
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

3590
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Modified Ti ₃ C ₂ MXene Nanosheets for Tumor Targeting Photothermal/Photodynamic/Chemo Synergistic Therapy. ACS Applied Materials & Interfaces, 2017, 9, 40077-40086.	8.0	491
2	Black Phosphorus Nanosheets Immobilizing Ce6 for Imaging-Guided Photothermal/Photodynamic Cancer Therapy. ACS Applied Materials & Interfaces, 2018, 10, 12431-12440.	8.0	201
3	Solvent-Assisted Self-Assembly of a Metal-Organic Framework Based Biocatalyst for Cascade Reaction Driven Photodynamic Therapy. Journal of the American Chemical Society, 2020, 142, 6822-6832.	13.7	201
4	BODIPY Derivatives for Photodynamic Therapy: Influence of Configuration versus Heavy Atom Effect. ACS Applied Materials & Interfaces, 2017, 9, 32475-32481.	8.0	177
5	A Phototheranostic Strategy to Continuously Deliver Singlet Oxygen in the Dark and Hypoxic Tumor Microenvironment. Angewandte Chemie - International Edition, 2020, 59, 8833-8838.	13.8	139
6	In Situ Polymerized Hollow Mesoporous Organosilica Biocatalysis Nanoreactor for Enhancing ROS-Mediated Anticancer Therapy. Advanced Functional Materials, 2020, 30, 1907716.	14.9	136
7	Photosensitizer synergistic effects: D ⁴ A ⁴ D structured organic molecule with enhanced fluorescence and singlet oxygen quantum yield for photodynamic therapy. Chemical Science, 2018, 9, 2188-2194.	7.4	133
8	Penetration depth tunable BODIPY derivatives for pH triggered enhanced photothermal/photodynamic synergistic therapy. Chemical Science, 2019, 10, 268-276.	7.4	120
9	Precision Cancer Theranostic Platform by In Situ Polymerization in Perylene Diimide-Hybridized Hollow Mesoporous Organosilica Nanoparticles. Journal of the American Chemical Society, 2019, 141, 14687-14698.	13.7	105
10	A Rationally Designed Semiconducting Polymer Brush for NIR-Imaging-Guided Light-Triggered Remote Control of CRISPR/Cas9 Genome Editing. Advanced Materials, 2019, 31, e1901187.	21.0	103
11	A light-induced nitric oxide controllable release nano-platform based on diketopyrrolopyrrole derivatives for pH-responsive photodynamic/photothermal synergistic cancer therapy. Chemical Science, 2018, 9, 8103-8109.	7.4	101
12	pH-Responsive PEG-Doxorubicin-Encapsulated Aza-BODIPY Nanotheranostic Agent for Imaging-Guided Synergistic Cancer Therapy. Advanced Healthcare Materials, 2018, 7, e1701272.	7.6	100
13	Burst release of encapsulated annexin A5 in tumours boosts cytotoxic T-cell responses by blocking the phagocytosis of apoptotic cells. Nature Biomedical Engineering, 2020, 4, 1102-1116.	22.5	93
14	A hybrid semiconducting organosilica-based O ₂ nanoeconomizer for on-demand synergistic photothermally-boosted radiotherapy. Nature Communications, 2021, 12, 523.	12.8	77
15	Singlet Oxygen "Afterglow" Therapy with NIR-Fluorescent Molecules. Advanced Materials, 2021, 33, e2103627.	21.0	76
16	Cascade Reactions Catalyzed by Planar Metal-Organic Framework Hybrid Architecture for Combined Cancer Therapy. Small, 2020, 16, e2004016.	10.0	64
17	Biodegradable Metal-Organic Framework-Gated Organosilica for Tumor-Microenvironment-Unlocked Glutathione-Depletion-Enhanced Synergistic Therapy. Advanced Materials, 2022, 34, e2107560.	21.0	61
18	Zinc(II) Metalated Porphyrins as Photothermogenic Photosensitizers for Cancer Photodynamic/Photothermal Synergistic Therapy. ACS Applied Materials & Interfaces, 2018, 10, 238-247.	8.0	60

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19	Triphenylamine flanked furan-diketopyrrolopyrrole for multi-imaging guided photothermal/photodynamic cancer therapy. <i>Nanoscale</i> , 2017, 9, 18890-18896.	5.6	45
20	Phototherapy meets immunotherapy: a win-win strategy to fight against cancer. <i>Nanophotonics</i> , 2021, 10, 3229-3245.	6.0	43
21	Protective effect of platinum nano-antioxidant and nitric oxide against hepatic ischemia-reperfusion injury. <i>Nature Communications</i> , 2022, 13, 2513.	12.8	43
22	An anthracene functionalized BODIPY derivative with singlet oxygen storage ability for photothermal and continuous photodynamic synergistic therapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3303-3309.	5.8	41
23	(2-(4-Bromophenyl)ethene-1,1,2-triyl)tribenzene with aggregation induced emission for ablation of HeLa cells. <i>Materials Chemistry Frontiers</i> , 2018, 2, 1842-1846.	5.9	38
24	Heavy atom-free semiconducting polymer with high singlet oxygen quantum yield for prostate cancer synergistic phototherapy. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1123-1127.	5.9	37
25	An NIR triphenylamine grafted BODIPY derivative with high photothermal conversion efficiency and singlet oxygen generation for imaging guided phototherapy. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1523-1531.	5.9	35
26	Proton-Driven Transformable O_2 -Nanotrap for Dark and Hypoxia Tolerant Photodynamic Therapy. <i>Advanced Science</i> , 2022, 9, e2200128.	11.2	33
27	Tumor Microenvironment Responsive Oxygen-Self-Generating Nanoplatfor for Dual-Imaging Guided Photodynamic and Photothermal Therapy. <i>ChemistrySelect</i> , 2018, 3, 4366-4373.	1.5	31
28	Photochemical property of two Ru(II) compounds based on 5-(2-pyrazinyl)tetrazole for cancer phototherapy by changing auxiliary ligand. <i>Journal of Inorganic Biochemistry</i> , 2019, 193, 124-129.	3.5	24
29	A glutathione responsive pyrrolopyrrolidone nanotheranostic agent for turn-on fluorescence imaging guided photothermal/photodynamic cancer therapy. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2143-2150.	5.9	22
30	Photoacoustic Imaging-Guided Synergistic Photothermal/Radiotherapy Using Plasmonic Bi_2O_3 Nanoparticles. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	20
31	A generic self-assembly approach towards phototheranostics for NIR-II fluorescence imaging and phototherapy. <i>Acta Biomaterialia</i> , 2022, 140, 601-609.	8.3	17
32	A Phototheranostic Strategy to Continuously Deliver Singlet Oxygen in the Dark and Hypoxic Tumor Microenvironment. <i>Angewandte Chemie</i> , 2020, 132, 8918-8923.	2.0	16
33	Two photoactive Ru (II) compounds based on tetrazole ligands for photodynamic therapy. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111127.	3.5	15
34	Finite element modeling simulation-assisted design of integrated microfluidic chips for heavy metal ion stripping analysis. <i>Journal Physics D: Applied Physics</i> , 2017, 50, 415303.	2.8	12
35	Boosting type I process of Ru(II) compounds by changing tetrazole ligand for enhanced photodynamic therapy against lung cancer. <i>Journal of Inorganic Biochemistry</i> , 2020, 212, 111236.	3.5	10
36	Biphasic synthesis of biodegradable urchin-like mesoporous organosilica nanoparticles for enhanced cellular internalization and precision cascaded therapy. <i>Biomaterials Science</i> , 2021, 9, 2584-2597.	5.4	6

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37	Two New Coordination Compounds Based on Mn(II)/Co(II) with Hpztza and 4,4'-bipyridine. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 1103-1109.	3.7	2
38	Synthesis and Anticancer Mechanism of a Cu(II) Compound Based on 5-Aminotetrazole-1-acetic Acid Against Hepatocellular Carcinoma Cells. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 2819-2824.	3.7	1