

Kaiyuan Ni

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

5,496
citations

126858

33
h-index

276775

41
g-index

42
all docs

42
docs citations

42
times ranked

5856
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in engineering iron oxide nanoparticles for effective magnetic resonance imaging. <i>Bioactive Materials</i> , 2022, 12, 214-245.	8.6	45
2	Dimethylaminomichelolide Sensitizes Cancer Cells to Radiotherapy for Synergistic Combination with Immune Checkpoint Blockade. <i>Advanced Therapeutics</i> , 2022, 5, 2100160.	1.6	0
3	Co-delivery of dihydroartemisinin and pyropheophorbide-iron elicits ferroptosis to potentiate cancer immunotherapy. <i>Biomaterials</i> , 2022, 280, 121315.	5.7	46
4	Synergistic checkpoint-blockade and radiotherapyâ€“radiodynamic therapy via an immunomodulatory nanoscale metalâ€“organic framework. <i>Nature Biomedical Engineering</i> , 2022, 6, 144-156.	11.6	47
5	Surface engineered iron oxide nanozyme for synergistic chemodynamic/photodynamic therapy with glutathione depletion and hypoxia relief. <i>Chemical Engineering Journal</i> , 2022, 440, 135966.	6.6	28
6	STING agonist delivery by tumour-penetrating PEG-lipid nanodiscs primes robust anticancer immunity. <i>Nature Materials</i> , 2022, 21, 710-720.	13.3	114
7	Engineering manganese ferrite shell on iron oxide nanoparticles for enhanced T1 magnetic resonance imaging. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 364-373.	5.0	10
8	Nanoscale Metalâ€“Organic Layer Isolates Phthalocyanines for Efficient Mitochondria-Targeted Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2021, 143, 2194-2199.	6.6	94
9	Synergistic Enhancement of Fluorescence and Magnetic Resonance Signals Assisted by Albumin Aggregate for Dual-Modal Imaging. <i>ACS Nano</i> , 2021, 15, 9924-9934.	7.3	27
10	Monte Carlo Simulations Reveal New Design Principles for Efficient Nanoradiosensitizers Based on Nanoscale Metalâ€“Organic Frameworks. <i>Advanced Materials</i> , 2021, 33, e2104249.	11.1	18
11	Renal Clearable Ultrasmall Single-Crystal Fe Nanoparticles for Highly Selective and Effective Ferroptosis Therapy and Immunotherapy. <i>Journal of the American Chemical Society</i> , 2021, 143, 15812-15823.	6.6	136
12	Bifunctional Metalâ€“Organic Layers for Tandem Catalytic Transformations Using Molecular Oxygen and Carbon Dioxide. <i>Journal of the American Chemical Society</i> , 2021, 143, 16718-16724.	6.6	28
13	Reprogramming of Neutrophils as Non-canonical Antigen Presenting Cells by Radiotherapyâ€“Radiodynamic Therapy to Facilitate Immune-Mediated Tumor Regression. <i>ACS Nano</i> , 2021, 15, 17515-17527.	7.3	22
14	A Nanoscale Metalâ€“Organic Framework to Mediate Photodynamic Therapy and Deliver CpG Oligodeoxynucleotides to Enhance Antigen Presentation and Cancer Immunotherapy. <i>Angewandte Chemie</i> , 2020, 132, 1124-1128.	1.6	34
15	A Nanoscale Metalâ€“Organic Framework to Mediate Photodynamic Therapy and Deliver CpG Oligodeoxynucleotides to Enhance Antigen Presentation and Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1108-1112.	7.2	144
16	Nanoscale metal-organic frameworks for x-ray activated in situ cancer vaccination. <i>Science Advances</i> , 2020, 6, .	4.7	40
17	Nanoscale Metalâ€“Organic Framework Co-delivers TLR-7 Agonists and Anti-CD47 Antibodies to Modulate Macrophages and Orchestrate Cancer Immunotherapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 12579-12584.	6.6	107
18	Intratumoral accumulation of gut microbiota facilitates CD47-based immunotherapy via STING signaling. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	172

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19	Nanoscale Metal-Organic Frameworks for Cancer Immunotherapy. <i>Accounts of Chemical Research</i> , 2020, 53, 1739-1748.	7.6	128
20	Nanoscale Metal-Organic Frameworks Generate Reactive Oxygen Species for Cancer Therapy. <i>ACS Central Science</i> , 2020, 6, 861-868.	5.3	110
21	Dancing with reactive oxygen species generation and elimination in nanotheranostics for disease treatment. <i>Advanced Drug Delivery Reviews</i> , 2020, 158, 73-90.	6.6	83
22	Nanoscale Metal-Organic Frameworks Stabilize Bacteriochlorins for Type I and Type II Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 7334-7339.	6.6	128
23	Cerium-Based Metal-Organic Layers Catalyze Hydrogen Evolution Reaction through Dual Photoexcitation. <i>Journal of the American Chemical Society</i> , 2020, 142, 6866-6871.	6.6	49
24	Biomimetic nanoscale metal-organic framework harnesses hypoxia for effective cancer radiotherapy and immunotherapy. <i>Chemical Science</i> , 2020, 11, 7641-7653.	3.7	78
25	Ultrathin Metal-Organic-Layer Mediated Radiotherapy-Radiodynamic Therapy. <i>Matter</i> , 2019, 1, 1331-1353.	5.0	78
26	Nanoscale Metal-Organic Framework Hierarchically Combines High-Z Components for Multifarious Radio-Enhancement. <i>Journal of the American Chemical Society</i> , 2019, 141, 6859-6863.	6.6	74
27	Titanium-Based Nanoscale Metal-Organic Framework for Type I Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2019, 141, 4204-4208.	6.6	242
28	Multifunctional Nanoscale Metal-Organic Layers for Ratiometric pH and Oxygen Sensing. <i>Journal of the American Chemical Society</i> , 2019, 141, 18964-18969.	6.6	60
29	Nanoscale metal-organic frameworks for phototherapy of cancer. <i>Coordination Chemistry Reviews</i> , 2019, 379, 65-81.	9.5	309
30	Ultrathin metal-organic layer-mediated radiotherapy-radiodynamic therapy enhances immunotherapy of metastatic cancers. <i>Matter</i> , 2019, 1, 1331-1353.	5.0	20
31	Nanoscale Metal-Organic Framework Overcomes Hypoxia for Photodynamic Therapy Primed Cancer Immunotherapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 5670-5673.	6.6	557
32	Low-dose X-ray radiotherapy-radiodynamic therapy via nanoscale metal-organic frameworks enhances checkpoint blockade immunotherapy. <i>Nature Biomedical Engineering</i> , 2018, 2, 600-610.	11.6	438
33	Nanoscale Metal-Organic Layers for Radiotherapy-Radiodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 16971-16975.	6.6	102
34	Nanoscale metal-organic frameworks for mitochondria-targeted radiotherapy-radiodynamic therapy. <i>Nature Communications</i> , 2018, 9, 4321.	5.8	243
35	Nanoscale metal-organic frameworks enhance radiotherapy to potentiate checkpoint blockade immunotherapy. <i>Nature Communications</i> , 2018, 9, 2351.	5.8	253
36	Nanoscale Metal-Organic Layers for Deeply Penetrating X-Ray-Induced Photodynamic Therapy. <i>Angewandte Chemie</i> , 2017, 129, 12270-12274.	1.6	59

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37	Nanoscale Metal-Organic Layers for Deeply Penetrating X-Ray-Induced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12102-12106.	7.2	146
38	Chlorin-Based Nanoscale Metal-Organic Framework Systemically Rejects Colorectal Cancers via Synergistic Photodynamic Therapy and Checkpoint Blockade Immunotherapy. <i>Journal of the American Chemical Society</i> , 2016, 138, 12502-12510.	6.6	429
39	Geometrically confined ultrasmall gadolinium oxide nanoparticles boost the T ₁ contrast ability. <i>Nanoscale</i> , 2016, 8, 3768-3774.	2.8	57
40	Anisotropic Shaped Iron Oxide Nanostructures: Controlled Synthesis and Proton Relaxation Shortening Effects. <i>Chemistry of Materials</i> , 2015, 27, 3505-3515.	3.2	153
41	Octapod iron oxide nanoparticles as high-performance T ₂ contrast agents for magnetic resonance imaging. <i>Nature Communications</i> , 2013, 4, 2266.	5.8	399