

# Linqiang Mei

## List of Publications by Year in descending order

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21  
papers

1,554  
citations

394421

19  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1911  
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized MoS <sub>2</sub> Nanovehicle with Near-Infrared Laser-Mediated Nitric Oxide Release and Photothermal Activities for Advanced Bacteria-Infected Wound Therapy. <i>Small</i> , 2018, 14, e1802290.	10.0	259
2	Two-dimensional nanomaterials beyond graphene for antibacterial applications: current progress and future perspectives. <i>Theranostics</i> , 2020, 10, 757-781.	10.0	152
3	An overview of the use of nanozymes in antibacterial applications. <i>Chemical Engineering Journal</i> , 2021, 418, 129431.	12.7	140
4	Peroxidase-like activity of MoS <sub>2</sub> nanoflakes with different modifications and their application for H <sub>2</sub> O <sub>2</sub> and glucose detection. <i>Journal of Materials Chemistry B</i> , 2018, 6, 487-498.	5.8	130
5	Graphdiyne Nanoparticles with High Free Radical Scavenging Activity for Radiation Protection. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 2579-2590.	8.0	115
6	A Heterojunction Structured WO <sub>2.9</sub> -WSe <sub>2</sub> Nanoradiosensitizer Increases Local Tumor Ablation and Checkpoint Blockade Immunotherapy upon Low Radiation Dose. <i>ACS Nano</i> , 2020, 14, 5400-5416.	14.6	104
7	Stimuli-Responsive Small-on-Large Nanoradiosensitizer for Enhanced Tumor Penetration and Radiotherapy Sensitization. <i>ACS Nano</i> , 2020, 14, 10001-10017.	14.6	93
8	Bi <sub>2</sub> WO <sub>6</sub> Semiconductor Nanoplates for Tumor Radiosensitization through High-Z Effects and Radiocatalysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 18942-18952.	8.0	75
9	Graphdiyne nanoradioprotector with efficient free radical scavenging ability for mitigating radiation-induced gastrointestinal tract damage. <i>Biomaterials</i> , 2020, 244, 119940.	11.4	58
10	Glucose-responsive cascaded nanocatalytic reactor with self-modulation of the tumor microenvironment for enhanced chemo-catalytic therapy. <i>Materials Horizons</i> , 2020, 7, 1834-1844.	12.2	56
11	Clinically Approved Carbon Nanoparticles with Oral Administration for Intestinal Radioprotection via Protecting the Small Intestinal Crypt Stem Cells and Maintaining the Balance of Intestinal Flora. <i>Small</i> , 2020, 16, e1906915.	10.0	51
12	Translocation, biotransformation-related degradation, and toxicity assessment of polyvinylpyrrolidone-modified 2H-phase nano-MoS <sub>2</sub> . <i>Nanoscale</i> , 2019, 11, 4767-4780.	5.6	47
13	A two-step gas/liquid strategy for the production of N-doped defect-rich transition metal dichalcogenide nanosheets and their antibacterial applications. <i>Nanoscale</i> , 2020, 12, 8415-8424.	5.6	43
14	Ultrathin, Transparent, and High Density Perovskite Scintillator Film for High Resolution X-Ray Microscopic Imaging. <i>Advanced Science</i> , 2022, 9, e2200831.	11.2	37
15	X-ray-facilitated redox cycling of nanozyme possessing peroxidase-mimicking activity for reactive oxygen species-enhanced cancer therapy. <i>Biomaterials</i> , 2021, 276, 121023.	11.4	34
16	Synthesis of Surface-Modified Oriented Nanosized Molybdenum Disulfide with High Peroxidase-Like Catalytic Activity for H <sub>2</sub> O <sub>2</sub> and Cholesterol Detection. <i>Chemistry - A European Journal</i> , 2018, 24, 15868-15878.	3.3	33
17	Bi <sup>3+</sup> -Doped BaYF <sub>5</sub> :Yb,Er Upconversion Nanoparticles with Enhanced Luminescence and Application Case for X-ray Computed Tomography Imaging. <i>Inorganic Chemistry</i> , 2020, 59, 17906-17915.	4.0	33
18	Liquid-Phase Exfoliation and Functionalization of MoS <sub>2</sub> Nanosheets for Effective Antibacterial Application. <i>ChemBioChem</i> , 2020, 21, 2373-2380.	2.6	31

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19	Mn <sup>2+</sup> -doped ZrO <sub>2</sub> @PDA nanocomposite for multimodal imaging-guided chemo-photothermal combination therapy. Chinese Chemical Letters, 2021, 32, 2405-2410.	9.0	25
20	Enhanced radiosensitization of ternary Cu <sub>3</sub> BiSe <sub>3</sub> nanoparticles by photo-induced hyperthermia in the second near-infrared biological window. Nanoscale, 2019, 11, 7157-7165.	5.6	23
21	Three-dimensional angiography fused with CT/MRI for multimodal imaging of nanoparticles based on Ba <sub>4</sub> Yb <sub>3</sub> F <sub>17</sub> :Lu <sup>3+</sup> , Gd <sup>3+</sup> . Nanoscale, 2018, 10, 13402-13409.	5.6	15