

Wanwan Li

List of Publications by Year in descending order

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45
papers

3,916
citations

236925

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233421

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docs citations

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times ranked

6435
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosensitizer-Loaded Gold Vesicles with Strong Plasmonic Coupling Effect for Imaging-Guided Photothermal/Photodynamic Therapy. <i>ACS Nano</i> , 2013, 7, 5320-5329.	14.6	603
2	Biodegradable Gold Nanovesicles with an Ultrastrong Plasmonic Coupling Effect for Photoacoustic Imaging and Photothermal Therapy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13958-13964.	13.8	577
3	Gold nanoparticles for photoacoustic imaging. <i>Nanomedicine</i> , 2015, 10, 299-320.	3.3	477
4	Ultrasmall Semimetal Nanoparticles of Bismuth for Dual-Modal Computed Tomography/Photoacoustic Imaging and Synergistic Thermoradiotherapy. <i>ACS Nano</i> , 2017, 11, 3990-4001.	14.6	282
5	Recent advances in quantum dot-based light-emitting devices: Challenges and possible solutions. <i>Materials Today</i> , 2019, 24, 69-93.	14.2	213
6	Doped Quantum Dots for White-Light-Emitting Diodes Without Reabsorption of Multiphase Phosphors. <i>Advanced Materials</i> , 2012, 24, 2742-2747.	21.0	210
7	Suspension arrays based on nanoparticle-encoded microspheres for high-throughput multiplexed detection. <i>Chemical Society Reviews</i> , 2015, 44, 5552-5595.	38.1	209
8	Synergistic thermoradiotherapy based on PEGylated Cu ₃ BiS ₃ ternary semiconductor nanorods with strong absorption in the second near-infrared window. <i>Biomaterials</i> , 2017, 112, 164-175.	11.4	153
9	Semimetal nanomaterials of antimony as highly efficient agent for photoacoustic imaging and photothermal therapy. <i>Biomaterials</i> , 2015, 45, 18-26.	11.4	97
10	Highly Efficient Preparation of Multiscaled Quantum Dot Barcodes for Multiplexed Hepatitis B Detection. <i>ACS Nano</i> , 2013, 7, 471-481.	14.6	88
11	CT/MRI-Guided Synergistic Radiotherapy and X-ray Inducible Photodynamic Therapy Using Doped Gd ³⁺ -Nanoscintillators. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2017-2022.	13.8	82
12	All-solution processed inverted green quantum dot light-emitting diodes with concurrent high efficiency and long lifetime. <i>Materials Horizons</i> , 2019, 6, 2009-2015.	12.2	66
13	Black hollow silicon oxide nanoparticles as highly efficient photothermal agents in the second near-infrared window for in vivo cancer therapy. <i>Biomaterials</i> , 2017, 143, 120-129.	11.4	63
14	Magnetic/Fluorescent Barcodes Based on Cadmium-Free Near-Infrared-Emitting Quantum Dots for Multiplexed Detection. <i>Advanced Functional Materials</i> , 2016, 26, 7581-7589.	14.9	62
15	Codoping Enhanced Radioluminescence of Nanoscintillators for X-ray-Activated Synergistic Cancer Therapy and Prognosis Using Metabolomics. <i>ACS Nano</i> , 2019, 13, 10419-10433.	14.6	62
16	Multifunctional Nano-Sunflowers with Color-Magnetic-Raman Properties for Multimodal Lateral Flow Immunoassay. <i>Analytical Chemistry</i> , 2021, 93, 3626-3634.	6.5	39
17	W-doped TiO ₂ nanoparticles with strong absorption in the NIR-II window for photoacoustic/CT dual-modal imaging and synergistic thermoradiotherapy of tumors. <i>Theranostics</i> , 2019, 9, 5214-5226.	10.0	38
18	Tetramodal Imaging and Synergistic Cancer Radio-Chemotherapy Enabled by Multiple Component-Encapsulated Zeolitic Imidazolate Frameworks. <i>ACS Nano</i> , 2020, 14, 4336-4351.	14.6	35

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19	Functional Micro-/Nanomaterials for Multiplexed Biodetection. <i>Advanced Materials</i> , 2021, 33, e2004734.	21.0	35
20	Efficient Incorporation of Quantum Dots into Porous Microspheres through a Solvent-Evaporation Approach. <i>Langmuir</i> , 2012, 28, 6141-6150.	3.5	31
21	Bright Blue Light-Emitting Doped Cesium Bromide Nanocrystals: Alternatives of Lead-Free Perovskite Nanocrystals for White LEDs. <i>Advanced Optical Materials</i> , 2019, 7, 1900108.	7.3	31
22	A Novel Biphasic Bone Scaffold: β -Calcium Phosphate and Amorphous Calcium Polyphosphate. <i>Journal of the American Ceramic Society</i> , 2009, 92, 945-948.	3.8	30
23	NIR-Emitting Quantum Dot-Encoded Microbeads through Membrane Emulsification for Multiplexed Immunoassays. <i>Small</i> , 2013, 9, 3327-3335.	10.0	30
24	Pnictogen Semimetal (Sb, Bi)-Based Nanomaterials for Cancer Imaging and Therapy: A Materials Perspective. <i>ACS Nano</i> , 2021, 15, 2038-2067.	14.6	28
25	Highly sensitive fluorescence-linked immunosorbent assay based on aggregation-induced emission luminogens incorporated nanobeads. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111912.	10.1	27
26	Quantum Dots: NIR-Emitting Quantum Dot-Encoded Microbeads through Membrane Emulsification for Multiplexed Immunoassays (Small 19/2013). <i>Small</i> , 2013, 9, 3364-3364.	10.0	23
27	A seed-mediated and double shell strategy to realize large-size ZnSe/ZnS/ZnS quantum dots for high color purity blue light-emitting diodes. <i>Nanoscale</i> , 2021, 13, 4562-4568.	5.6	23
28	Toxicometabolomics of Engineered Nanomaterials: Progress and Challenges. <i>Advanced Functional Materials</i> , 2019, 29, 1904268.	14.9	20
29	Precisely Encoded Barcodes Using Tetrapod CdSe/CdS Quantum Dots with a Large Stokes Shift for Multiplexed Detection. <i>Advanced Functional Materials</i> , 2020, 30, 1906707.	14.9	20
30	AI-Egens Barcodes Combined with AI-Egens Nanobeads for High-sensitivity Multiplexed Detection. <i>Theranostics</i> , 2019, 9, 7210-7221.	10.0	16
31	Antiangiogenesis Combined with Inhibition of the Hypoxia Pathway Facilitates Low-Dose, X-ray-Induced Photodynamic Therapy. <i>ACS Nano</i> , 2021, 15, 11112-11125.	14.6	16
32	Intrinsic quantum dot based white-light-emitting diodes with a layered coating structure for reduced reabsorption of multiphase phosphors. <i>RSC Advances</i> , 2014, 4, 45155-45158.	3.6	14
33	CT/MRI-Guided Synergistic Radiotherapy and X-ray Inducible Photodynamic Therapy Using Tb-Doped Gd-W Nanoscintillators. <i>Angewandte Chemie</i> , 2019, 131, 2039-2044.	2.0	12
34	Progress and challenges in functional nanomaterial-based suspension array technology for multiplexed biodetection. <i>View</i> , 2022, 3, .	5.3	10
35	Enhanced performances of quantum dot light-emitting diodes with doped emitting layers by manipulating the charge carrier balance. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5018-5023.	5.5	9
36	Multiplex detection of miRNAs based on aggregation-induced emission luminogen encoded microspheres. <i>RSC Advances</i> , 2019, 9, 39976-39985.	3.6	8

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37	Integrating the second near-infrared fluorescence imaging with clinical techniques for multimodal cancer imaging by neodymium-doped gadolinium tungstate nanoparticles. Nano Research, 2021, 14, 2160.	10.4	8
38	Optical Barcodes: Precisely Encoded Barcodes Using Tetrapod CdSe/CdS Quantum Dots with a Large Stokes Shift for Multiplexed Detection (Adv. Funct. Mater. 3/2020). Advanced Functional Materials, 2020, 30, 2070018.	14.9	6
39	Manganese-doped cesium iodide nanoparticles for multi-model bioimaging. Materials Letters, 2019, 256, 126630.	2.6	3
40	Lead-Free Nanocrystals: Bright Blue Light-Emitting Doped Cesium Bromide Nanocrystals: Alternatives of Lead-Free Perovskite Nanocrystals for White LEDs (Advanced Optical Materials 10/2019). Advanced Optical Materials, 2019, 7, 1970037.	7.3	3
41	Multi-phased cesium lead iodide quantum dots with large stokes shift. Materials Letters, 2020, 271, 127765.	2.6	3
42	Magnetite Fe ₃ O ₄ Nanoparticles Enhance Mild Microwave Ablation of Tumor by Activating the IRE1-ASK1-JNK Pathway and Inducing Endoplasmic Reticulum Stress. International Journal of Nanomedicine, 2021, Volume 16, 6129-6140.	6.7	2
43	Quantum Dots: Magnetic/Fluorescent Barcodes Based on Cadmium-Free Near-Infrared-Emitting Quantum Dots for Multiplexed Detection (Adv. Funct. Mater. 42/2016). Advanced Functional Materials, 2016, 26, 7744-7744.	14.9	1
44	Establishment of a novel quantum dots-encoded microbead-based flow cytometric method for quantification of soluble Fc μ R1 \pm in serum. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 686-693.	1.5	1
45	Functional Micro-Nanomaterials: Functional Micro-Nanomaterials for Multiplexed Biodetection (Adv.) Tj ETQq1,1 0.784314 rgBT 21.0	1.0	0