Wanwan Li

List of Publications by Year
in descending order

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45 papers	3,916 citations	236925 25 h-index	233421 45 g-index
47 all docs	47 docs citations	47 times ranked	6435 citing authors

#	Article	IF	Citations
1	Progress and challenges in functional nanomaterialâ€based suspension array technology for multiplexed biodetection. View, 2022, 3, .	5.3	10
2	Multifunctional Nano-Sunflowers with Color-Magnetic-Raman Properties for Multimodal Lateral Flow Immunoassay. Analytical Chemistry, 2021, 93, 3626-3634.	6.5	39
3	Antiangiogenesis Combined with Inhibition of the Hypoxia Pathway Facilitates Low-Dose, X-ray-Induced Photodynamic Therapy. ACS Nano, 2021, 15, 11112-11125.	14.6	16
4	Functional Microâ€/Nanomaterials for Multiplexed Biodetection. Advanced Materials, 2021, 33, e2004734.	21.0	35
5	Functional Microâ€/Nanomaterials: Functional Microâ€/Nanomaterials for Multiplexed Biodetection (Adv.) Tj ETQq1 1 0.784314 rgBT	21.0	0
6	Magnetite Fe3O4 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
7	A seed-mediated and double shell strategy to realize large-size ZnSe/ZnS/ZnS quantum dots for high color purity blue light-emitting diodes. Nanoscale, 2021, 13, 4562-4568.	5.6	23
8	Pnictogen Semimetal (Sb, Bi)-Based Nanomaterials for Cancer Imaging and Therapy: A Materials Perspective. ACS Nano, 2021, 15, 2038-2067.	14.6	28
9	Integrating the second near-infrared fluorescence imaging with clinical techniques for multimodal cancer imaging by neodymiumdoped gadolinium tungstate nanoparticles. Nano Research, 2021, 14, 2160.	10.4	8
10	Precisely Encoded Barcodes Using Tetrapod CdSe/CdS Quantum Dots with a Large Stokes Shift for Multiplexed Detection. Advanced Functional Materials, 2020, 30, 1906707.	14.9	20
11	Highly sensitive fluorescence-linked immunosorbent assay based on aggregation-induced emission luminogens incorporated nanobeads. Biosensors and Bioelectronics, 2020, 150, 111912.	10.1	27
12	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
13	Tetramodal Imaging and Synergistic Cancer Radio-Chemotherapy Enabled by Multiple Component-Encapsulated Zeolitic Imidazolate Frameworks. ACS Nano, 2020, 14, 4336-4351.	14.6	35
14	Multi-phased cesium lead iodide quantum dots with large stokes shift. Materials Letters, 2020, 271, 127765.	2.6	3
15	All-solution processed inverted green quantum dot light-emitting diodes with concurrent high efficiency and long lifetime. Materials Horizons, 2019, 6, 2009-2015.	12.2	66
16	W-doped TiO₂ nanoparticles with strong absorption in the NIR-II window for photoacoustic/CT dual-modal imaging and synergistic thermoradiotherapy of tumors. Theranostics, 2019, 9, 5214-5226.	10.0	38
17	Codoping Enhanced Radioluminescence of Nanoscintillators for X-ray-Activated Synergistic Cancer Therapy and Prognosis Using Metabolomics. ACS Nano, 2019, 13, 10419-10433.	14.6	62
18	Toxicoâ€Metabolomics of Engineered Nanomaterials: Progress and Challenges. Advanced Functional Materials, 2019, 29, 1904268.	14.9	20

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19	AIEgens Barcodes Combined with AIEgens Nanobeads for High-sensitivity Multiplexed Detection. Theranostics, 2019, 9, 7210-7221.	10.0	16
20	Manganese-doped cesium iodide nanoparticles for multi-model bioimaging. Materials Letters, 2019, 256, 126630.	2.6	3
21	CT/MRIâ€Guided Synergistic Radiotherapy and Xâ€ray Inducible Photodynamic Therapy Using Tbâ€Doped Gdâ€Wâ€Nanoscintillators. Angewandte Chemie - International Edition, 2019, 58, 2017-2022.	13.8	82
22	CT/MRIâ€Guided Synergistic Radiotherapy and Xâ€ray Inducible Photodynamic Therapy Using Tbâ€Doped Gdâ€Wâ€Nanoscintillators. Angewandte Chemie, 2019, 131, 2039-2044.	2.0	12
23	Leadâ€Free Nanocrystals: Bright Blue Lightâ€Emitting Doped Cesium Bromide Nanocrystals: Alternatives of Leadâ€Free Perovskite Nanocrystals for White LEDs (Advanced Optical Materials 10/2019). Advanced Optical Materials, 2019, 7, 1970037.	7.3	3
24	Bright Blue Lightâ€Emitting Doped Cesium Bromide Nanocrystals: Alternatives of Leadâ€Free Perovskite Nanocrystals for White LEDs. Advanced Optical Materials, 2019, 7, 1900108.	7.3	31
25	Multiplex detection of miRNAs based on aggregation-induced emission luminogen encoded microspheres. RSC Advances, 2019, 9, 39976-39985.	3.6	8
26	Recent advances in quantum dot-based light-emitting devices: Challenges and possible solutions. Materials Today, 2019, 24, 69-93.	14.2	213
27	Ultrasmall Semimetal Nanoparticles of Bismuth for Dual-Modal Computed Tomography/Photoacoustic Imaging and Synergistic Thermoradiotherapy. ACS Nano, 2017, 11, 3990-4001.	14.6	282
28	Establishment of a novel quantum dotsâ€encoded microbeadâ€based flow cytometric method for quantification of soluble FcÎµRIÎ± in serum. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 686-693.	1.5	1
29	Enhanced performances of quantum dot light-emitting diodes with doped emitting layers by manipulating the charge carrier balance. Journal of Materials Chemistry C, 2017, 5, 5018-5023.	5.5	9
30	Black hollow silicon oxide nanoparticles as highly efficient photothermal agents in the second near-infrared window for inÂvivo cancer therapy. Biomaterials, 2017, 143, 120-129.	11.4	63
31	Synergistic thermoradiotherapy based on PEGylated Cu 3 BiS 3 ternary semiconductor nanorods with strong absorption in the second near-infrared window. Biomaterials, 2017, 112, 164-175.	11.4	153
32	Magnetic/Fluorescent Barcodes Based on Cadmiumâ€Free Nearâ€Infraredâ€Emitting Quantum Dots for Multiplexed Detection. Advanced Functional Materials, 2016, 26, 7581-7589.	14.9	62
33	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
34	Suspension arrays based on nanoparticle-encoded microspheres for high-throughput multiplexed detection. Chemical Society Reviews, 2015, 44, 5552-5595.	38.1	209
35	Gold nanoparticles for photoacoustic imaging. Nanomedicine, 2015, 10, 299-320.	3.3	477
36	Semimetal nanomaterials of antimony as highly efficient agent for photoacoustic imaging and photothermal therapy. Biomaterials, 2015, 45, 18-26.	11.4	97

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37	Intrinsic quantum dot based white-light-emitting diodes with a layered coating structure for reduced reabsorption of multiphase phosphors. RSC Advances, 2014, 4, 45155-45158.	3.6	14
38	Quantum Dots: NIRâ€Emitting Quantum Dotâ€Encoded Microbeads through Membrane Emulsification for Multiplexed Immunoassays (Small 19/2013). Small, 2013, 9, 3364-3364.	10.0	23
39	Photosensitizer-Loaded Gold Vesicles with Strong Plasmonic Coupling Effect for Imaging-Guided Photothermal/Photodynamic Therapy. ACS Nano, 2013, 7, 5320-5329.	14.6	603
40	Highly Efficient Preparation of Multiscaled Quantum Dot Barcodes for Multiplexed Hepatitis B Detection. ACS Nano, 2013, 7, 471-481.	14.6	88
41	Biodegradable Gold Nanovesicles with an Ultrastrong Plasmonic Coupling Effect for Photoacoustic Imaging and Photothermal Therapy. Angewandte Chemie - International Edition, 2013, 52, 13958-13964.	13.8	577
42	NIRâ€Emitting Quantum Dotâ€Encoded Microbeads through Membrane Emulsification for Multiplexed Immunoassays. Small, 2013, 9, 3327-3335.	10.0	30
43	Efficient Incorporation of Quantum Dots into Porous Microspheres through a Solvent-Evaporation Approach. Langmuir, 2012, 28, 6141-6150.	3.5	31
44	Doped Quantum Dots for Whiteâ€Lightâ€Emitting Diodes Without Reabsorption of Multiphase Phosphors. Advanced Materials, 2012, 24, 2742-2747.	21.0	210
45	A Novel Biphasic Bone Scaffold: Î²â€Calcium Phosphate and Amorphous Calcium Polyphosphate. Journal of the American Ceramic Society, 2009, 92, 945-948.	3.8	30