Jibin Song

List of Publications by Year
in descending order

169	17,335	12322	14736
papers	citations	69 h-index	127 g-index

172	172	172	15235
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reactive oxygen species generating systems meeting challenges of photodynamic cancer therapy. Chemical Society Reviews, 2016, 45, 6597-6626.	18.7	1,483
2	Simultaneous Fentonâ€like Ion Delivery and Glutathione Depletion by MnO₂â€Based Nanoagent to Enhance Chemodynamic Therapy. Angewandte Chemie - International Edition, 2018, 57, 4902-4906.	7.2	1,068
3	Synthesis of Copper Peroxide Nanodots for H₂O₂ Self-Supplying Chemodynamic Therapy. Journal of the American Chemical Society, 2019, 141, 9937-9945.	6.6	759
4	Ratiometric optical nanoprobes enable accurate molecular detection and imaging. Chemical Society Reviews, 2018, 47, 2873-2920.	18.7	579
5	Emerging Strategies of Cancer Therapy Based on Ferroptosis. Advanced Materials, 2018, 30, e1704007.	11.1	478
6	Photoacoustic Imaging: Contrast Agents and Their Biomedical Applications. Advanced Materials, 2019, 31, e1805875.	11.1	468
7	Self-Assembled Plasmonic Vesicles of SERS-Encoded Amphiphilic Gold Nanoparticles for Cancer Cell Targeting and Traceable Intracellular Drug Delivery. Journal of the American Chemical Society, 2012, 134, 13458-13469.	6.6	407
8	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. Angewandte Chemie - International Edition, 2017, 56, 6492-6496.	7.2	328
9	Sequential Drug Release and Enhanced Photothermal and Photoacoustic Effect of Hybrid Reduced Graphene Oxide-Loaded Ultrasmall Gold Nanorod Vesicles for Cancer Therapy. ACS Nano, 2015, 9, 9199-9209.	7.3	323
10	Toxic Reactive Oxygen Species Enhanced Synergistic Combination Therapy by Selfâ€Assembled Metalâ€Phenolic Network Nanoparticles. Advanced Materials, 2018, 30, 1704877.	11.1	311
11	Ultrasoundâ€Activated Sensitizers and Applications. Angewandte Chemie - International Edition, 2020, 59, 14212-14233.	7.2	271
12	Ultrasmall Gold Nanorod Vesicles with Enhanced Tumor Accumulation and Fast Excretion from the Body for Cancer Therapy. Advanced Materials, 2015, 27, 4910-4917.	11.1	254
13	An Ultrasound Activated Vesicle of Janus Auâ€MnO Nanoparticles for Promoted Tumor Penetration and Sonoâ€Chemodynamic Therapy of Orthotopic Liver Cancer. Angewandte Chemie - International Edition, 2020, 59, 1682-1688.	7.2	249
14	Plasmonic Vesicles of Amphiphilic Gold Nanocrystals: Self-Assembly and External-Stimuli-Triggered Destruction. Journal of the American Chemical Society, 2011, 133, 10760-10763.	6.6	245
15	Multifunctional Theranostic Nanoparticles Based on Exceedingly Small Magnetic Iron Oxide Nanoparticles for T₁-Weighted Magnetic Resonance Imaging and Chemotherapy. ACS Nano, 2017, 11, 10992-11004.	7.3	239
16	Endoplasmic Reticulum Targeting to Amplify Immunogenic Cell Death for Cancer Immunotherapy. Nano Letters, 2020, 20, 1928-1933.	4.5	235
17	X-ray-activated nanosystems for theranostic applications. Chemical Society Reviews, 2019, 48, 3073-3101.	18.7	231
18	Gold Nanoparticle Coated Carbon Nanotube Ring with Enhanced Raman Scattering and Photothermal Conversion Property for Theranostic Applications. Journal of the American Chemical Society, 2016, 138, 7005-7015.	6.6	208

#	Article	IF	Citations
19	Gas-Mediated Cancer Bioimaging and Therapy. ACS Nano, 2019, 13, 10887-10917.	7.3	206
20	Simultaneous Fentonâ€like Ion Delivery and Glutathione Depletion by MnO₂â€Based Nanoagent to Enhance Chemodynamic Therapy. Angewandte Chemie, 2018, 130, 4996-5000.	1.6	195
21	Recent Progress in NIR-II Contrast Agent for Biological Imaging. Frontiers in Bioengineering and Biotechnology, 2019, 7, 487.	2.0	183
22	Tumor-Specific Formation of Enzyme-Instructed Supramolecular Self-Assemblies as Cancer Theranostics. ACS Nano, 2015, 9, 9517-9527.	7.3	182
23	Biodegradable Theranostic Plasmonic Vesicles of Amphiphilic Gold Nanorods. ACS Nano, 2013, 7, 9947-9960.	7.3	176
24	SERS-Encoded Nanogapped Plasmonic Nanoparticles: Growth of Metallic Nanoshell by Templating Redox-Active Polymer Brushes. Journal of the American Chemical Society, 2014, 136, 6838-6841.	6.6	174
25	Organic Semiconducting Photoacoustic Nanodroplets for Laser-Activatable Ultrasound Imaging and Combinational Cancer Therapy. ACS Nano, 2018, 12, 2610-2622.	7.3	174
26	Multimodalâ€Imagingâ€Guided Cancer Phototherapy by Versatile Biomimetic Theranostics with UV and Î³â€Irradiation Protection. Advanced Materials, 2016, 28, 3273-3279.	11.1	170
27	Endogenous Labile Iron Pool-Mediated Free Radical Generation for Cancer Chemodynamic Therapy. Journal of the American Chemical Society, 2020, 142, 15320-15330.	6.6	170
28	Activatable Semiconducting Theranostics: Simultaneous Generation and Ratiometric Photoacoustic Imaging of Reactive Oxygen Species In Vivo. Advanced Materials, 2018, 30, e1707509.	11.1	165
29	Plasmonic Vesicles of Amphiphilic Nanocrystals: Optically Active Multifunctional Platform for Cancer Diagnosis and Therapy. Accounts of Chemical Research, 2015, 48, 2506-2515.	7.6	161
30	Impact of Semiconducting Perylene Diimide Nanoparticle Size on Lymph Node Mapping and Cancer Imaging. ACS Nano, 2017, 11, 4247-4255.	7.3	157
31	A New Class of NIRâ€II Gold Nanoclusterâ€Based Protein Biolabels for Inâ€…Vivo Tumorâ€Targeted Imaging. Angewandte Chemie - International Edition, 2021, 60, 1306-1312.	7.2	155
32	Yolkâ€“Shell Nanostructures: Design, Synthesis, and Biomedical Applications. Advanced Materials, 2018, 30, 1704639.	11.1	153
33	Anisotropic nanomaterials for shape-dependent physicochemical and biomedical applications. Chemical Society Reviews, 2019, 48, 5140-5176.	18.7	150
34	Tailored Graphitic Carbon Nitride Nanostructures: Synthesis, Modification, and Sensing Applications. Advanced Functional Materials, 2017, 27, 1702695.	7.8	149
35	Janus Nanoparticles: From Fabrication to (Bio)Applications. ACS Nano, 2021, 15, 6147-6191.	7.3	140
36	Nearâ€Infrared Semiconducting Polymer Brush and pH/GSHâ€Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumorâ€Specific Phototheranostics. Angewandte Chemie - International Edition, 2018, 57, 14101-14105.	7.2	138

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37	Rational Design of Branched Nanoporous Gold Nanoshells with Enhanced Physico-Optical Properties for Optical Imaging and Cancer Therapy. ACS Nano, 2017, 11, 6102-6113.	7.3	133
38	Self-Assembled Responsive Bilayered Vesicles with Adjustable Oxidative Stress for Enhanced Cancer Imaging and Therapy. Journal of the American Chemical Society, 2019, 141, 8158-8170.	6.6	132
39	Targeted scavenging of extracellular ROS relieves suppressive immunogenic cell death. Nature Communications, 2020, 11, 4951.	5.8	132
40	Bioinspired Mineralâ€“Organic Bone Adhesives for Stable Fracture Fixation and Accelerated Bone Regeneration. Advanced Functional Materials, 2020, 30, 1908381.	7.8	130
41	Hydrogen Gas from Inflammation Treatment to Cancer Therapy. ACS Nano, 2019, 13, 8505-8511.	7.3	124
42	Light-Responsive Biodegradable Nanomedicine Overcomes Multidrug Resistance via NO-Enhanced Chemosensitization. ACS Applied Materials & Interfaces, 2016, 8, 13804-13811.	4.0	120
43	Suppressing Nanoparticle-Mononuclear Phagocyte System Interactions of Two-Dimensional Gold Nanorings for Improved Tumor Accumulation and Photothermal Ablation of Tumors. ACS Nano, 2017, 11, 10539-10548.	7.3	117
44	Polymeric Nanoparticles with a Glutathioneâ€Sensitive Heterodimeric Multifunctional Prodrug for In Vivo Drug Monitoring and Synergistic Cancer Therapy. Angewandte Chemie - International Edition, 2018, 57, 7066-7070.	7.2	115
45	Artificial local magnetic field inhomogeneity enhances T2 relaxivity. Nature Communications, 2017, 8, 15468.	5.8	114
46	Generic synthesis of small-sized hollow mesoporous organosilica nanoparticles for oxygen-independent X-ray-activated synergistic therapy. Nature Communications, 2019, 10, 1241.	5.8	112
47	Doubleâ€Layered Plasmonicâ€“Magnetic Vesicles by Selfâ€Assembly of Janus Amphiphilic Goldâ€“Iron(II,III) Oxide Nanoparticles. Angewandte Chemie - International Edition, 2017, 56, 8110-8114.	7.2	107
48	Yolkâ€“Shell Nanostructure: An Ideal Architecture to Achieve Harmonious Integration of Magneticâ€–Plasmonic Hybrid Theranostic Platform. Advanced Materials, 2017, 29, 1606681.	11.1	106
49	Injectable thermosensitive hydrogel systems based on functional PEG/PCL block polymer for local drug delivery. Journal of Controlled Release, 2019, 297, 60-70.	4.8	106
50	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.	6.6	105
51	A silk-based sealant with tough adhesion for instant hemostasis of bleeding tissues. Nanoscale Horizons, 2019, 4, 1333-1341.	4.1	104
52	Stimuliâ€Responsive Nanoparticles for Controlled Drug Delivery in Synergistic Cancer Immunotherapy. Advanced Science, 2022, 9, e2103444.	5.6	102
53	Stimuli-Responsive Nanotheranostics for Real-Time Monitoring Drug Release by Photoacoustic Imaging. Theranostics, 2019, 9, 526-536.	4.6	98
54	Ultrasound activation of liposomes for enhanced ultrasound imaging and synergistic gas and sonodynamic cancer therapy. Nanoscale Horizons, 2019, 4, 747-756.	4.1	97

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55	An inorganic prodrug, tellurium nanowires with enhanced ROS generation and GSH depletion for selective cancer therapy. Chemical Science, 2019, 10, 7068-7075.	3.7	97
56	Dotted Coreâ€“Shell Nanoparticles for T₁â€Weighted MRI of Tumors. Advanced Materials, 2018, 30, e1803163.	11.1	96
57	Cooperation of endogenous and exogenous reactive oxygen species induced by zinc peroxide nanoparticles to enhance oxidative stress-based cancer therapy. Theranostics, 2019, 9, 7200-7209.	4.6	96
58	Near-Infrared Light-Triggered Sulfur Dioxide Gas Therapy of Cancer. ACS Nano, 2019, 13, 2103-2113.	7.3	86
59	Dual Ratiometric SERS and Photoacoustic Coreâ€“Satellite Nanoprobe for Quantitatively Visualizing Hydrogen Peroxide in Inflammation and Cancer. Angewandte Chemie - International Edition, 2021, 60, 7323-7332.	7.2	83
60	Ultrasound-Driven Biomimetic Nanosystem Suppresses Tumor Growth and Metastasis through Sonodynamic Therapy, CO Therapy, and Indoleamine 2,3-Dioxygenase Inhibition. ACS Nano, 2020, 14, 8985-8999.	7.3	82
61	Size Dependent Kinetics of Gold Nanorods in EPR Mediated Tumor Delivery. Theranostics, 2016, 6, 2039-2051.	4.6	81
62	Self-Assembly of Semiconducting-Plasmonic Gold Nanoparticles with Enhanced Optical Property for Photoacoustic Imaging and Photothermal Therapy. Theranostics, 2017, 7, 2177-2185.	4.6	79
63	Biologically Responsive Plasmonic Assemblies for Second Near-Infrared Window Photoacoustic Imaging-Guided Concurrent Chemo-Immunotherapy. ACS Nano, 2020, 14, 3991-4006.	7.3	78
64	A hybrid semiconducting organosilica-based O2 nanoeconomizer for on-demand synergistic photothermallyÂboosted radiotherapy. Nature Communications, 2021, 12, 523.	5.8	77
65	Photolabile plasmonic vesicles assembled from amphiphilic gold nanoparticles for remote-controlled traceable drug delivery. Nanoscale, 2013, 5, 5816-5824.	2.8	76
66	Gold Nanoparticle-Decorated g-C₃N₄ Nanosheets for Controlled Generation of Reactive Oxygen Species upon 670 nm Laser Illumination. ACS Applied Materials & Interfaces, 2019, 11, 10589-10596.	4.0	75
67	NIR/ROSâ€Responsive Black Phosphorus QD Vesicles as Immunoadjuvant Carrier for Specific Cancer Photodynamic Immunotherapy. Advanced Functional Materials, 2020, 30, 1905758.	7.8	75
68	Self-Assembled Plasmonic Dimers of Amphiphilic Gold Nanocrystals. Journal of Physical Chemistry Letters, 2011, 2, 2258-2262.	2.1	74
69	Ostwald Ripening-Mediated Grafting of Metalâ€“Organic Frameworks on a Single Colloidal Nanocrystal to Form Uniform and Controllable MXF. Journal of the American Chemical Society, 2019, 141, 7407-7413.	6.6	74
70	Photoacoustic imaging and photothermal therapy in the second near-infrared window. New Journal of Chemistry, 2019, 43, 8835-8851.	1.4	73
71	â€œThree-in-oneâ€•Nanohybrids as Synergistic Nanoquenchers to Enhance No-Wash Fluorescence Biosensors for Ratiometric Detection of Cancer Biomarkers. Theranostics, 2018, 8, 3461-3473.	4.6	72
72	Twoâ€Stage Size Decrease and Enhanced Photoacoustic Performance of Stimuliâ€Responsive Polymerâ€Gold Nanorod Assembly for Increased Tumor Penetration. Advanced Functional Materials, 2019, 29, 1806429.	7.8	70

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73	Single Wavelength Laser Excitation Ratiometric NIR-II Fluorescent Probe for Molecule Imaging in Vivo. Analytical Chemistry, 2020, 92, 6111-6120.	3.2	70
74	Singlet Oxygen Generation in Darkâ€Hypoxia by Catalytic Microenvironmentâ€Tailored Nanoreactors for NIRâ€II Fluorescenceâ€Monitored Chemodynamic Therapy. Angewandte Chemie - International Edition, 2021, 60, 15006-15012.	7.2	64
75	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. Angewandte Chemie, 2017, 129, 6592-6596.	1.6	63
76	Ag⁺â€Coupled Black Phosphorus Vesicles with Emerging NIRâ€II Photoacoustic Imaging Performance for Cancer Immuneâ€Dynamic Therapy and Fast Wound Healing. Angewandte Chemie - International Edition, 2020, 59, 22202-22209.	7.2	63
77	Early stratification of radiotherapy response by activatable inflammation magnetic resonance imaging. Nature Communications, 2020, 11, 3032.	5.8	62
78	Plasmonic-Fluorescent Janus Ag/Ag₂S Nanoparticles for In Situ H₂O₂-Activated NIR-II Fluorescence Imaging. Nano Letters, 2021, 21, 2625-2633.	4.5	62
79	GSHâ€Responsive Radiosensitizers with Deep Penetration Ability for Multimodal Imagingâ€Guided Synergistic Radioâ€Chemodynamic Cancer Therapy. Advanced Functional Materials, 2021, 31, 2101278.	7.8	60
80	A supramolecular hybrid material constructed from graphene oxide and a pillar[6]arene-based hostâ€“guest complex as an ultrasound and photoacoustic signal nanoamplifier. Materials Horizons, 2018, 5, 429-435.	6.4	59
81	Dual-enhanced photothermal conversion properties of reduced graphene oxide-coated gold superparticles for light-triggered acoustic and thermal theranostics. Nanoscale, 2016, 8, 2116-2122.	2.8	58
82	Magnetic targeted near-infrared II PA/MR imaging guided photothermal therapy to trigger cancer immunotherapy. Theranostics, 2020, 10, 4997-5010.	4.6	58
83	Light-activated gold nanorod vesicles with NIR-II fluorescence and photoacoustic imaging performances for cancer theranostics. Theranostics, 2020, 10, 4809-4821.	4.6	58
84	Asymmetric Coreâ€“Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. Angewandte Chemie - International Edition, 2021, 60, 12560-12568.	7.2	54
85	Xâ€rayâ€Controlled Bilayer Permeability of Bionic Nanocapsules Stabilized by Nucleobase Pairing Interactions for Pulsatile Drug Delivery. Advanced Materials, 2019, 31, e1903443.	11.1	51
86	Near-Infrared II Gold Nanocluster Assemblies with Improved Luminescence and Biofate for In Vivo Ratiometric Imaging of H₂S. Analytical Chemistry, 2022, 94, 2641-2647.	3.2	51
87	Quantitative Photoacoustic Diagnosis and Precise Treatment of Inflammation In Vivo Using Activatable Theranostic Nanoprobe. Advanced Functional Materials, 2020, 30, 2001771.	7.8	50
88	Quantitative Assessment of Copper(II) in Wilsonâ€™s Disease Based on Photoacoustic Imaging and Ratiometric Surface-Enhanced Raman Scattering. ACS Nano, 2021, 15, 3402-3414.	7.3	50
89	Nearâ€Infraredâ€II Nanomaterials for Fluorescence Imaging and Photodynamic Therapy. Advanced Optical Materials, 2021, 9, 2002177.	3.6	48
90	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cellâ€Based Immunotherapy by Ratiometric NIRâ€II Fluorescence Imaging. Angewandte Chemie - International Edition, 2021, 60, 20888-20896.	7.2	48

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91	High Throughput Blood Analysis Based on Deep Learning Algorithm and Selfâ€Positioning Superâ€Hydrophobic SERS Platform for Nonâ€Invasive Multiâ€Disease Screening. Advanced Functional Materials, 2021, 31, 2103382.	7.8	48
92	A Highly Effective Ï€â€“Ï€ Stacking Strategy To Modify Black Phosphorus with Aromatic Molecules for Cancer Theranostics. ACS Applied Materials & Interfaces, 2019, 11, 9860-9871.	4.0	47
93	In Vivo Xâ€ray Triggered Catalysis of H₂ Generation for Cancer Synergistic Gas Radiotherapy. Angewandte Chemie - International Edition, 2021, 60, 12868-12875.	7.2	47
94	Light-Switchable Yolkâ€“Mesoporous Shell UCNPs@MgSiO₃ for Nitric Oxide-Evoked Multidrug Resistance Reversal in Cancer Therapy. ACS Applied Materials & Interfaces, 2020, 12, 30066-30076.	4.0	45
95	Stimuli-Responsive Plasmonic Assemblies and Their Biomedical Applications. Nano Today, 2021, 36, 101014.	6.2	45
96	Polymeric Carbon Nitrideâ€Derived Photocatalysts for Water Splitting and Nitrogen Fixation. Small, 2021, 17, e2005149.	5.2	45
97	Oxidativeâ€Speciesâ€Selective Materials for Diagnostic and Therapeutic Applications. Angewandte Chemie - International Edition, 2021, 60, 9804-9827.	7.2	43
98	Dyeâ€Sensitized Downconversion Nanoprobes with Emission Beyond 1500 nm for Ratiometric Visualization of Cancer Redox State. Advanced Functional Materials, 2021, 31, 2009942.	7.8	43
99	Structural Transformative Antioxidants for Dualâ€Responsive Antiâ€Inflammatory Delivery and Photoacoustic Inflammation Imaging. Angewandte Chemie - International Edition, 2021, 60, 14458-14466.	7.2	43
100	Nanosized Janus AuNR-Pt Motor for Enhancing NIR-II Photoacoustic Imaging of Deep Tumor and Pt²⁺ Ion-Based Chemotherapy. ACS Nano, 2022, 16, 7947-7960.	7.3	43
101	Amphiphilic-Polymer-Guided Plasmonic Assemblies and Their Biomedical Applications. Bioconjugate Chemistry, 2017, 28, 105-114.	1.8	41
102	Dual activated NIR-II fluorescence and photoacoustic imaging-guided cancer chemo-radiotherapy using hybrid plasmonic-fluorescent assemblies. Nano Research, 2020, 13, 3268-3277.	5.8	39
103	An Ultrasound Activated Vesicle of Janus Auâ€MnO Nanoparticles for Promoted Tumor Penetration and Sonoâ€Chemodynamic Therapy of Orthotopic Liver Cancer. Angewandte Chemie, 2020, 132, 1699-1705.	1.6	38
104	Siteâ€Specific Biomimicry of Antioxidative Melanin Formation and Its Application for Acute Liver Injury Therapy and Imaging. Advanced Materials, 2021, 33, e2102391.	11.1	38
105	Preparation of plasmonic vesicles from amphiphilic gold nanocrystals grafted with polymer brushes. Nature Protocols, 2016, 11, 2287-2299.	5.5	36
106	Mapping Sentinel Lymph Node Metastasis by Dual-probe Optical Imaging. Theranostics, 2017, 7, 153-163.	4.6	34
107	Ultrasound-propelled Janus Au NR-mSiO2 nanomotor for NIR-II photoacoustic imaging guided sonodynamic-gas therapy of large tumors. Science China Chemistry, 2021, 64, 2218-2229.	4.2	34
108	In Situ Activatable Ratiometric NIR-II Fluorescence Nanoprobe for Quantitative Detection of H₂S in Colon Cancer. Analytical Chemistry, 2021, 93, 9356-9363.	3.2	33

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109	Activatable nanoscale metal-organic framework for ratiometric photoacoustic imaging of hydrogen sulfide and orthotopic colorectal cancer in vivo. Science China Chemistry, 2020, 63, 1315-1322.	4.2	31
110	A Sandwich Nanostructure of Gold Nanoparticle Coated Reduced Graphene Oxide for Photoacoustic Imaging-Guided Photothermal Therapy in the Second NIR Window. Frontiers in Bioengineering and Biotechnology, 2020, 8, 655.	2.0	30
111	A bioinspired mineral-organic composite hydrogel as a self-healable and mechanically robust bone graft for promoting bone regeneration. Chemical Engineering Journal, 2021, 413, 127512.	6.6	30
112	Nearâ€Infrared Semiconducting Polymer Brush and pH/GSHâ€Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumorâ€Specific Phototheranostics. Angewandte Chemie, 2018, 130, 14297-14301.	1.6	29
113	Quantum Dot-Based Sensitization System for Boosted Photon Absorption and Enhanced Second Near-Infrared Luminescence of Lanthanide-Doped Nanoparticle. Analytical Chemistry, 2020, 92, 6094-6102.	3.2	29
114	X-ray sensitive high-Z metal nanocrystals for cancer imaging and therapy. Nano Research, 2021, 14, 3744-3755.	5.8	29
115	An Activatable Hybrid Organicâ€“Inorganic Nanocomposite as Early Evaluation System of Therapy Effect. Angewandte Chemie - International Edition, 2022, 61, .	7.2	29
116	Surfactantâ€Stripped Semiconducting Polymer Micelles for Tumor Theranostics and Deep Tissue Imaging in the NIRâ€II Window. Small, 2022, 18, e2104132.	5.2	27
117	NIR-II Functional Materials for Photoacoustic Theranostics. Bioconjugate Chemistry, 2022, 33, 67-86.	1.8	26
118	Doubleâ€Layered Plasmonicâ€“Magnetic Vesicles by Selfâ€Assembly of Janus Amphiphilic Goldâ€“Iron(II,III) Oxide Nanoparticles. Angewandte Chemie, 2017, 129, 8222-8226.	1.6	25
119	Plasmonic gold nanoagents for cancer imaging and therapy. View, 2021, 2, 20200149.	2.7	24
120	A NO-Responsive Ratiometric Fluorescent Nanoprobe for Monitoring Drug-Induced Liver Injury in the Second Near-Infrared Window. Analytical Chemistry, 2021, 93, 15279-15287.	3.2	24
121	Engineered Nanoscale Vanadium Metallodrugs for Robust Tumorâ€Specific Imaging and Therapy. Advanced Functional Materials, 2021, 31, 2010337.	7.8	22
122	Selfâ€Assembled Ag₂Sâ€QD Vesicles for In Situ Responsive NIRâ€II Fluorescence Imagingâ€Guided Photothermal Cancer Therapy. Advanced Optical Materials, 2021, 9, 2100233.	3.6	22
123	Highly Controlled Janus Organicâ€Inorganic Nanocomposite as a Versatile Photoacoustic Platform. Angewandte Chemie - International Edition, 2021, 60, 17647-17653.	7.2	22
124	NIRâ€II Photoacoustic Reporter for Biopsyâ€Free and Realâ€Time Assessment of Wilson's Disease. Small, 2021, 17, e2008061.	5.2	22
125	Tracking Cell Viability for Adipose-Derived Mesenchymal Stem Cell-Based Therapy by Quantitative Fluorescence Imaging in the Second Near-Infrared Window. ACS Nano, 2022, 16, 2889-2900.	7.3	22
126	Simultaneous removal of nitrate and hexavalent chromium in groundwater using indigenous microorganisms enhanced by emulsified vegetable oil: Interactions and remediation threshold values. Journal of Hazardous Materials, 2021, 406, 124708.	6.5	20

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127	NIR-II emissive AIEgen photosensitizers enable ultrasensitive imaging-guided surgery and phototherapy to fully inhibit orthotopic hepatic tumors. Journal of Nanobiotechnology, 2021, 19, 419.	4.2	20
128	New Generation of Gold Nanoshell-Coated Esophageal Stent: Preparation and Biomedical Applications. ACS Applied Materials & Interfaces, 2016, 8, 27523-27529.	4.0	19
129	To achieve ultrasensitive electrochemical detection of mercury ions employing metallic 1T-MoS2 nanosheets. Electrochimica Acta, 2020, 355, 136800.	2.6	17
130	NIR-II Fluorescent Biodegradable Nanoprobes for Precise Acute Kidney/Liver Injury Imaging and Therapy. Analytical Chemistry, 2021, 93, 13893-13903.	3.2	17
131	A generic self-assembly approach towards phototheranostics for NIR-II fluorescence imaging and phototherapy. Acta Biomaterialia, 2022, 140, 601-609.	4.1	17
132	Activated molecular probes for enzyme recognition and detection. Theranostics, 2022, 12, 1459-1485.	4.6	17
133	Building Block Symmetry Relegation Induces Mesopore and Abundant Open-Metal Sites in Metalâ€“Organic Frameworks for Cancer Therapy. CCS Chemistry, 2022, 4, 996-1006.	4.6	16
134	Improving the sensitivity of T₁ contrast-enhanced MRI and sensitive diagnosing tumors with ultralow doses of MnO octahedrons. Theranostics, 2021, 11, 6966-6982.	4.6	16
135	Neodymium (3+)â€Coordinated Black Phosphorus Quantum Dots with Retrievable NIR/Xâ€Ray Optoelectronic Switching Effect for Antiâ€Glioblastoma. Small, 2022, 18, e2105160.	5.2	15
136	Activatable Nanoprobe with Aggregation-Induced Dual Fluorescence and Photoacoustic Signal Enhancement for Tumor Precision Imaging and Radiotherapy. Analytical Chemistry, 2022, 94, 5204-5211.	3.2	15
137	Plasmonic anisotropic gold nanorods: Preparation and biomedical applications. Nano Research, 2022, 15, 6372-6398.	5.8	15
138	A New Class of NIRâ€II Gold Nanoclusterâ€Based Protein Biolabels for Inâ€…Vivo Tumorâ€Targeted Imaging. Angewandte Chemie, 2021, 133, 1326-1332.	1.6	14
139	Emerging Lowâ€Dimensional Nanoagents for Bioâ€Microimaging. Advanced Functional Materials, 2020, 30, 2003147.	7.8	13
140	Emerging Plasmonic Assemblies Triggered by DNA for Biomedical Applications. Advanced Functional Materials, 2021, 31, 2005709.	7.8	13
141	Enhancing therapeutic effects and in vivo tracking of adipose tissue-derived mesenchymal stem cells for liver injury using bioorthogonal click chemistry. Nanoscale, 2021, 13, 1813-1822.	2.8	13
142	Singlet Oxygen Generation in Darkâ€Hypoxia by Catalytic Microenvironmentâ€Tailored Nanoreactors for NIRâ€II Fluorescenceâ€Monitored Chemodynamic Therapy. Angewandte Chemie, 2021, 133, 15133-15139.	1.6	13
143	Mesoporous radiosensitized nanoprobe for enhanced NIR-II photoacoustic imaging-guided accurate radio-chemotherapy. Nano Research, 2022, 15, 4154-4163.	5.8	13
144	A photothermally responsive nanoprobe for bioimaging based on Edman degradation. Nanoscale, 2016, 8, 10553-10557.	2.8	12

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145	Polymeric Nanoparticles with a Glutathioneâ€Sensitive Heterodimeric Multifunctional Prodrug for In Vivo Drug Monitoring and Synergistic Cancer Therapy. Angewandte Chemie, 2018, 130, 7184-7188.	1.6	12
146	A Class of Biocompatible Dyeâ€“Protein Complex Optical Nanoprobes. ACS Nano, 2022, 16, 328-339.	7.3	12
147	Synthesis of biocompatible polymeric nanomaterial dually loaded with paclitaxel and nitric oxide for anti-MDR cancer therapy. RSC Advances, 2016, 6, 105871-105877.	1.7	11
148	Ultraschallaktivierte Sensibilisatoren. Angewandte Chemie, 2020, 132, 14316-14338.	1.6	11
149	Active Class E Rectifier for DC Output Voltage Regulation in Megahertz Wireless Power Transfer Systems. IEEE Transactions on Industrial Electronics, 2020, 67, 3618-3628.	5.2	11
150	Ratiometric Detection of H₂S in Liver Injury by Activated Two-Wavelength Photoacoustic Imaging. Analytical Chemistry, 2022, 94, 10797-10804.	3.2	11
151	Asymmetric Coreâ€“Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. Angewandte Chemie, 2021, 133, 12668-12676.	1.6	10
152	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cellâ€Based Immunotherapy by Ratiometric NIRâ€II Fluorescence Imaging. Angewandte Chemie, 2021, 133, 21056-21064.	1.6	10
153	Stimuliâ€Responsive Hybrid Vesicle for Tumor Dualâ€Model NIRâ€II Photoacoustic and Fluorescence Imaging and Precise Radiotherapy. Advanced Optical Materials, 2022, 10, .	3.6	10
154	Photodynamic therapy: When van der Waals heterojunction meets tumor. Chemical Engineering Journal, 2021, 421, 129773.	6.6	9
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