

Jibin Song

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

161
papers

10,760
citations

56
h-index

102
g-index

172
ext. papers

13,973
ext. citations

13.4
avg, IF

6.9
L-index

#	Paper	IF	Citations
161	Activated molecular probes for enzyme recognition and detection.. <i>Theranostics</i> , 2022 , 12, 1459-1485	12.1	1
160	NIR-II Fluorescent Activatable Drug Delivery Nanoplatform for Cancer-Targeted Combined Photodynamic and Chemotherapy.. <i>ACS Applied Bio Materials</i> , 2022 ,	4.1	3
159	Tracking Cell Viability for Adipose-Derived Mesenchymal Stem Cell-Based Therapy by Quantitative Fluorescence Imaging in the Second Near-Infrared Window.. <i>ACS Nano</i> , 2022 ,	16.7	2
158	In-Vivo Two-Photon Visualization and Quantitative Detection of Redox State of Cancer.. <i>Journal of Biophotonics</i> , 2022 , e202100357	3.1	0
157	NIR-II Functional Materials for Photoacoustic Theranostics.. <i>Bioconjugate Chemistry</i> , 2022 ,	6.3	9
156	Near-Infrared II Gold Nanocluster Assemblies with Improved Luminescence and Biofate for In Vivo Ratiometric Imaging of HS.. <i>Analytical Chemistry</i> , 2022 ,	7.8	7
155	Soft Molecules-Induced Self-Assembly of Plasmonic Nanostructures 2022 , 183-208		
154	Stimuli-Responsive Nanoparticles for Controlled Drug Delivery in Synergistic Cancer Immunotherapy.. <i>Advanced Science</i> , 2021 , e2103444	13.6	13
153	A NO-Responsive Ratiometric Fluorescent Nanoprobe for Monitoring Drug-Induced Liver Injury in the Second Near-Infrared Window. <i>Analytical Chemistry</i> , 2021 , 93, 15279-15287	7.8	6
152	Ultrasound-propelled Janus Au NR-mSiO ₂ nanomotor for NIR-II photoacoustic imaging guided sonodynamic-gas therapy of large tumors. <i>Science China Chemistry</i> , 2021 , 64, 2218	7.9	7
151	Near-infrared photothermal performance of a metal-organic framework-based composite. <i>Dalton Transactions</i> , 2021 , 50, 17499-17505	4.3	0
150	Neodymium (3+)-Coordinated Black Phosphorus Quantum Dots with Retrievable NIR/X-Ray Optoelectronic Switching Effect for Anti-Glioblastoma. <i>Small</i> , 2021 , e2105160	11	3
149	Surfactant-Stripped Semiconducting Polymer Micelles for Tumor Theranostics and Deep Tissue Imaging in the NIR-II Window. <i>Small</i> , 2021 , e2104132	11	4
148	NIR-II Fluorescent Biodegradable Nanoprobes for Precise Acute Kidney/Liver Injury Imaging and Therapy. <i>Analytical Chemistry</i> , 2021 , 93, 13893-13903	7.8	4
147	Simultaneous removal of nitrate and hexavalent chromium in groundwater using indigenous microorganisms enhanced by emulsified vegetable oil: Interactions and remediation threshold values. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124708	12.8	9
146	Polymeric Carbon Nitride-Derived Photocatalysts for Water Splitting and Nitrogen Fixation. <i>Small</i> , 2021 , 17, e2005149	11	15
145	X-ray sensitive high-Z metal nanocrystals for cancer imaging and therapy. <i>Nano Research</i> , 2021 , 14, 3744 ₁₀		5

144	Plasmonic-Fluorescent Janus Ag/AgS Nanoparticles for HO-Activated NIR-II Fluorescence Imaging. <i>Nano Letters</i> , 2021 , 21, 2625-2633	11.5	18
143	Janus Nanoparticles: From Fabrication to (Bio)Applications. <i>ACS Nano</i> , 2021 , 15, 6147-6191	16.7	39
142	GSH-Responsive Radiosensitizers with Deep Penetration Ability for Multimodal Imaging-Guided Synergistic Radio-Chemodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2101278	15.6	18
141	Asymmetric CoreShell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. <i>Angewandte Chemie</i> , 2021 , 133, 12668-12676	3.6	3
140	Asymmetric Core-Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12560-12568	16.4	19
139	Self-Assembled Ag ₂ S-QD Vesicles for In Situ Responsive NIR-II Fluorescence Imaging-Guided Photothermal Cancer Therapy. <i>Advanced Optical Materials</i> , 2021 , 9, 2100233	8.1	7
138	In Vivo X-ray Triggered Catalysis of H ₂ Generation for Cancer Synergistic Gas Radiotherapy. <i>Angewandte Chemie</i> , 2021 , 133, 12978-12985	3.6	1
137	Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. <i>Angewandte Chemie</i> , 2021 , 133, 14579-14587	3.6	1
136	In Vivo X-ray Triggered Catalysis of H Generation for Cancer Synergistic Gas Radiotherapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12868-12875	16.4	13
135	Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14458-14466	16.4	14
134	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15006-15012	16.4	23
133	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 15133-15139	3.6	7
132	Highly Controlled Janus Organic-Inorganic Nanocomposite as a Versatile Photoacoustic Platform. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17647-17653	16.4	7
131	NIR-II Photoacoustic Reporter for Biopsy-Free and Real-Time Assessment of Wilson's Disease. <i>Small</i> , 2021 , 17, e2008061	11	10
130	Highly Controlled Janus Organic-Inorganic Nanocomposite as a Versatile Photoacoustic Platform. <i>Angewandte Chemie</i> , 2021 , 133, 17788-17794	3.6	3
129	Site-Specific Biomimicry of Antioxidative Melanin Formation and Its Application for Acute Liver Injury Therapy and Imaging. <i>Advanced Materials</i> , 2021 , 33, e2102391	24	11
128	Oxidative-Species-Selective Materials for Diagnostic and Therapeutic Applications. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9804-9827	16.4	21
127	Materialien mit Selektivität für oxidative Molekülspezies für die Diagnostik und Therapie. <i>Angewandte Chemie</i> , 2021 , 133, 9888-9912	3.6	6

126	Stimuli-Responsive Plasmonic Assemblies and Their Biomedical Applications. <i>Nano Today</i> , 2021 , 36, 101014-10114		
125	A New Class of NIR-II Gold Nanocluster-Based Protein Biolabels for In Vivo Tumor-Targeted Imaging. <i>Angewandte Chemie</i> , 2021 , 133, 1326-1332	3.6	5
124	Dual Ratiometric SERS and Photoacoustic Core-Satellite Nanoprobe for Quantitatively Visualizing Hydrogen Peroxide in Inflammation and Cancer. <i>Angewandte Chemie</i> , 2021 , 133, 7399-7408	3.6	1
123	Dual Ratiometric SERS and Photoacoustic Core-Satellite Nanoprobe for Quantitatively Visualizing Hydrogen Peroxide in Inflammation and Cancer. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7323-7332	16.4	32
122	Emerging Plasmonic Assemblies Triggered by DNA for Biomedical Applications. <i>Advanced Functional Materials</i> , 2021 , 31, 2005709	15.6	7
121	A bioinspired mineral-organic composite hydrogel as a self-healable and mechanically robust bone graft for promoting bone regeneration. <i>Chemical Engineering Journal</i> , 2021 , 413, 127512	14.7	7
120	A New Class of NIR-II Gold Nanocluster-Based Protein Biolabels for In Vivo Tumor-Targeted Imaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1306-1312	16.4	54
119	Quantitative Assessment of Copper(II) in Wilson Disease Based on Photoacoustic Imaging and Ratiometric Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , 2021 , 15, 3402-3414	16.7	16
118	Enhancing therapeutic effects and tracking of adipose tissue-derived mesenchymal stem cells for liver injury using bioorthogonal click chemistry. <i>Nanoscale</i> , 2021 , 13, 1813-1822	7.7	5
117	A hybrid semiconducting organosilica-based O nanoeconomizer for on-demand synergistic photothermally boosted radiotherapy. <i>Nature Communications</i> , 2021 , 12, 523	17.4	30
116	Engineered Nanoscale Vanadium Metallodrugs for Robust Tumor-Specific Imaging and Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2010337	15.6	11
115	Dye-Sensitized Downconversion Nanoprobes with Emission Beyond 1500 nm for Ratiometric Visualization of Cancer Redox State. <i>Advanced Functional Materials</i> , 2021 , 31, 2009942	15.6	13
114	Near-Infrared-II Nanomaterials for Fluorescence Imaging and Photodynamic Therapy. <i>Advanced Optical Materials</i> , 2021 , 9, 2002177	8.1	10
113	Activatable Ratiometric NIR-II Fluorescence Nanoprobe for Quantitative Detection of HS in Colon Cancer. <i>Analytical Chemistry</i> , 2021 , 93, 9356-9363	7.8	11
112	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. <i>Angewandte Chemie</i> , 2021 , 133, 21056-21064	3.6	2
111	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20888-20896	16.4	12
110	Photodynamic therapy: When van der Waals heterojunction meets tumor. <i>Chemical Engineering Journal</i> , 2021 , 421, 129773	14.7	2
109	Improving the sensitivity of contrast-enhanced MRI and sensitive diagnosing tumors with ultralow doses of MnO octahedrons. <i>Theranostics</i> , 2021 , 11, 6966-6982	12.1	3

108	A Class of Biocompatible Dye-Protein Complex Optical Nanoprobes.. <i>ACS Nano</i> , 2021 ,	16.7	2
107	NIR-II emissive AIEgen photosensitizers enable ultrasensitive imaging-guided surgery and phototherapy to fully inhibit orthotopic hepatic tumors.. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 419	9.4	0
106	An Activatable Hybrid Organic-Inorganic Nanocomposite as Early Evaluation System of Therapy Effect. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	2
105	Light-Switchable Yolk-Mesoporous Shell UCNP@MgSiO ₂ for Nitric Oxide-Evoked Multidrug Resistance Reversal in Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 30066-30076	9.5	21
104	Early stratification of radiotherapy response by activatable inflammation magnetic resonance imaging. <i>Nature Communications</i> , 2020 , 11, 3032	17.4	28
103	Activatable nanoscale metal-organic framework for ratiometric photoacoustic imaging of hydrogen sulfide and orthotopic colorectal cancer in vivo. <i>Science China Chemistry</i> , 2020 , 63, 1315-1322	7.9	19
102	Biologically Responsive Plasmonic Assemblies for Second Near-Infrared Window Photoacoustic Imaging-Guided Concurrent Chemo-Immunotherapy. <i>ACS Nano</i> , 2020 , 14, 3991-4006	16.7	50
101	Single Wavelength Laser Excitation Ratiometric NIR-II Fluorescent Probe for Molecule Imaging in Vivo. <i>Analytical Chemistry</i> , 2020 , 92, 6111-6120	7.8	37
100	Quantum Dot-Based Sensitization System for Boosted Photon Absorption and Enhanced Second Near-Infrared Luminescence of Lanthanide-Doped Nanoparticle. <i>Analytical Chemistry</i> , 2020 , 92, 6094-6102	7.8	17
99	A Sandwich Nanostructure of Gold Nanoparticle Coated Reduced Graphene Oxide for Photoacoustic Imaging-Guided Photothermal Therapy in the Second NIR Window. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 655	5.8	8
98	Endoplasmic Reticulum Targeting to Amplify Immunogenic Cell Death for Cancer Immunotherapy. <i>Nano Letters</i> , 2020 , 20, 1928-1933	11.5	120
97	Magnetic targeted near-infrared II PA/MR imaging guided photothermal therapy to trigger cancer immunotherapy. <i>Theranostics</i> , 2020 , 10, 4997-5010	12.1	34
96	An Ultrasound Activated Vesicle of Janus Au-MnO Nanoparticles for Promoted Tumor Penetration and Sono-Chemodynamic Therapy of Orthotopic Liver Cancer. <i>Angewandte Chemie</i> , 2020 , 132, 1699-1703	3.6	22
95	An Ultrasound Activated Vesicle of Janus Au-MnO Nanoparticles for Promoted Tumor Penetration and Sono-Chemodynamic Therapy of Orthotopic Liver Cancer. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1682-1688	16.4	147
94	NIR/ROS-Responsive Black Phosphorus QD Vesicles as Immunoadjuvant Carrier for Specific Cancer Photodynamic Immunotherapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1905758	15.6	56
93	Bioinspired Mineral/Organic Bone Adhesives for Stable Fracture Fixation and Accelerated Bone Regeneration. <i>Advanced Functional Materials</i> , 2020 , 30, 1908381	15.6	58
92	Targeted scavenging of extracellular ROS relieves suppressive immunogenic cell death. <i>Nature Communications</i> , 2020 , 11, 4951	17.4	45
91	To achieve ultrasensitive electrochemical detection of mercury ions employing metallic 1T-MoS ₂ nanosheets. <i>Electrochimica Acta</i> , 2020 , 355, 136800	6.7	9

90	Ultrasound-Driven Biomimetic Nanosystem Suppresses Tumor Growth and Metastasis through Sonodynamic Therapy, CO Therapy, and Indoleamine 2,3-Dioxygenase Inhibition. <i>ACS Nano</i> , 2020 , 14, 8985-8999	16.7	39
89	Quantitative Photoacoustic Diagnosis and Precise Treatment of Inflammation In Vivo Using Activatable Theranostic Nanoprobe. <i>Advanced Functional Materials</i> , 2020 , 30, 2001771	15.6	27
88	Emerging Low-Dimensional Nanoagents for Bio-Microimaging. <i>Advanced Functional Materials</i> , 2020 , 30, 2003147	15.6	8
87	Ag -Coupled Black Phosphorus Vesicles with Emerging NIR-II Photoacoustic Imaging Performance for Cancer Immune-Dynamic Therapy and Fast Wound Healing. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 22202-22209	16.4	33
86	Ag+-Coupled Black Phosphorus Vesicles with Emerging NIR-II Photoacoustic Imaging Performance for Cancer Immune-Dynamic Therapy and Fast Wound Healing. <i>Angewandte Chemie</i> , 2020 , 132, 22386-22393	16.4	3
85	Dual activated NIR-II fluorescence and photoacoustic imaging-guided cancer chemo-radiotherapy using hybrid plasmonic-fluorescent assemblies. <i>Nano Research</i> , 2020 , 13, 3268-3277	10	16
84	Endogenous Labile Iron Pool-Mediated Free Radical Generation for Cancer Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15320-15330	16.4	69
83	Ultraschallaktivierte Sensibilisatoren. <i>Angewandte Chemie</i> , 2020 , 132, 14316-14338	3.6	7
82	Ultrasound-Activated Sensitizers and Applications. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14212-14233	16.4	108
81	Active Class E Rectifier for DC Output Voltage Regulation in Megahertz Wireless Power Transfer Systems. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 3618-3628	8.9	4
80	Light-activated gold nanorod vesicles with NIR-II fluorescence and photoacoustic imaging performances for cancer theranostics. <i>Theranostics</i> , 2020 , 10, 4809-4821	12.1	36
79	Precision Cancer Theranostic Platform by In Situ Polymerization in Perylene Diimide-Hybridized Hollow Mesoporous Organosilica Nanoparticles. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14687-14698	16.4	74
78	Anisotropic nanomaterials for shape-dependent physicochemical and biomedical applications. <i>Chemical Society Reviews</i> , 2019 , 48, 5140-5176	58.5	97
77	Gas-Mediated Cancer Bioimaging and Therapy. <i>ACS Nano</i> , 2019 , 13, 10887-10917	16.7	108
76	Injectable thermosensitive hydrogel systems based on functional PEG/PCL block polymer for local drug delivery. <i>Journal of Controlled Release</i> , 2019 , 297, 60-70	11.7	61
75	Ultrasound activation of liposomes for enhanced ultrasound imaging and synergistic gas and sonodynamic cancer therapy. <i>Nanoscale Horizons</i> , 2019 , 4, 747-756	10.8	62
74	An inorganic prodrug, tellurium nanowires with enhanced ROS generation and GSH depletion for selective cancer therapy. <i>Chemical Science</i> , 2019 , 10, 7068-7075	9.4	46
73	Synthesis of Copper Peroxide Nanodots for HO Self-Supplying Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9937-9945	16.4	419

72	X-ray-activated nanosystems for theranostic applications. <i>Chemical Society Reviews</i> , 2019 , 48, 3073-3101	58.5	104
71	Active targeting drug-gold nanorod hybrid nanoparticles for amplifying photoacoustic signal and enhancing anticancer efficacy.. <i>RSC Advances</i> , 2019 , 9, 13494-13502	3.7	3
70	Photoacoustic imaging and photothermal therapy in the second near-infrared window. <i>New Journal of Chemistry</i> , 2019 , 43, 8835-8851	3.6	49
69	Self-Assembled Responsive Bilayered Vesicles with Adjustable Oxidative Stress for Enhanced Cancer Imaging and Therapy. <i>Journal of the American Chemical Society</i> , 2019 , 141, 8158-8170	16.4	93
68	Ostwald Ripening-Mediated Grafting of Metal-Organic Frameworks on a Single Colloidal Nanocrystal to Form Uniform and Controllable MXF. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7407-7413	16.4	45
67	Generic synthesis of small-sized hollow mesoporous organosilica nanoparticles for oxygen-independent X-ray-activated synergistic therapy. <i>Nature Communications</i> , 2019 , 10, 1241	17.4	65
66	Recent Progress in NIR-II Contrast Agent for Biological Imaging. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 487	5.8	89
65	X-ray-Controlled Bilayer Permeability of Bionic Nanocapsules Stabilized by Nucleobase Pairing Interactions for Pulsatile Drug Delivery. <i>Advanced Materials</i> , 2019 , 31, e1903443	24	32
64	Hydrogen Gas from Inflammation Treatment to Cancer Therapy. <i>ACS Nano</i> , 2019 , 13, 8505-8511	16.7	63
63	A silk-based sealant with tough adhesion for instant hemostasis of bleeding tissues. <i>Nanoscale Horizons</i> , 2019 , 4, 1333-1341	10.8	54
62	Cooperation of endogenous and exogenous reactive oxygen species induced by zinc peroxide nanoparticles to enhance oxidative stress-based cancer therapy. <i>Theranostics</i> , 2019 , 9, 7200-7209	12.1	49
61	Gold Nanoparticle-Decorated g-CN Nanosheets for Controlled Generation of Reactive Oxygen Species upon 670 nm Laser Illumination. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 10589-10596	9.5	46
60	A Highly Effective π-Stacking Strategy To Modify Black Phosphorus with Aromatic Molecules for Cancer Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 9860-9871	9.5	33
59	Two-Stage Size Decrease and Enhanced Photoacoustic Performance of Stimuli-Responsive Polymer-Gold Nanorod Assembly for Increased Tumor Penetration. <i>Advanced Functional Materials</i> , 2019 , 29, 1806429	15.6	55
58	Stimuli-Responsive Nanotheranostics for Real-Time Monitoring Drug Release by Photoacoustic Imaging. <i>Theranostics</i> , 2019 , 9, 526-536	12.1	75
57	Near-Infrared Light-Triggered Sulfur Dioxide Gas Therapy of Cancer. <i>ACS Nano</i> , 2019 , 13, 2103-2113	16.7	70
56	Photoacoustic Imaging: Contrast Agents and Their Biomedical Applications. <i>Advanced Materials</i> , 2019 , 31, e1805875	24	209
55	Supramolecular Hybrid Material Constructed from Graphene Oxide and Pillar[6]arene-Based Host-Guest Complex as a Ultrasound and Photoacoustic Signals Nanoamplifier. <i>Materials Horizons</i> , 2018 , 5, 429-435	14.4	46

54	Simultaneous Fenton-like Ion Delivery and Glutathione Depletion by MnO ₂ -Based Nanoagent to Enhance Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 4902-4906	16.4	654
53	Simultaneous Fenton-like Ion Delivery and Glutathione Depletion by MnO ₂ -Based Nanoagent to Enhance Chemodynamic Therapy. <i>Angewandte Chemie</i> , 2018 , 130, 4996-5000	3.6	125
52	Cancer Therapy: Emerging Strategies of Cancer Therapy Based on Ferroptosis (Adv. Mater. 12/2018). <i>Advanced Materials</i> , 2018 , 30, 1870084	24	3
51	Polymeric Nanoparticles with a Glutathione-Sensitive Heterodimeric Multifunctional Prodrug for In Vivo Drug Monitoring and Synergistic Cancer Therapy. <i>Angewandte Chemie</i> , 2018 , 130, 7184-7188	3.6	9
50	Polymeric Nanoparticles with a Glutathione-Sensitive Heterodimeric Multifunctional Prodrug for In Vivo Drug Monitoring and Synergistic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 7066-7070	16.4	86
49	Organic Semiconducting Photoacoustic Nanodroplets for Laser-Activatable Ultrasound Imaging and Combinational Cancer Therapy. <i>ACS Nano</i> , 2018 , 12, 2610-2622	16.7	145
48	Emerging Strategies of Cancer Therapy Based on Ferroptosis. <i>Advanced Materials</i> , 2018 , 30, e1704007	24	272
47	Yolk-Shell Nanostructures: Design, Synthesis, and Biomedical Applications. <i>Advanced Materials</i> , 2018 , 30, 1704639	24	116
46	Toxic Reactive Oxygen Species Enhanced Synergistic Combination Therapy by Self-Assembled Metal-Phenolic Network Nanoparticles. <i>Advanced Materials</i> , 2018 , 30, 1704877	24	211
45	Ratiometric optical nanoprobe enable accurate molecular detection and imaging. <i>Chemical Society Reviews</i> , 2018 , 47, 2873-2920	58.5	394
44	"Three-in-one" Nanohybrids as Synergistic Nanoquenchers to Enhance No-Wash Fluorescence Biosensors for Ratiometric Detection of Cancer Biomarkers. <i>Theranostics</i> , 2018 , 8, 3461-3473	12.1	51
43	Near-Infrared Semiconducting Polymer Brush and pH/GSH-Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumor-Specific Phototheranostics. <i>Angewandte Chemie</i> , 2018 , 130, 14297-14301	3.6	25
42	Near-Infrared Semiconducting Polymer Brush and pH/GSH-Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumor-Specific Phototheranostics. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14101-14105	16.4	94
41	Activatable Semiconducting Theranostics: Simultaneous Generation and Ratiometric Photoacoustic Imaging of Reactive Oxygen Species In Vivo. <i>Advanced Materials</i> , 2018 , 30, e1707509	24	133
40	Dotted Core-Shell Nanoparticles for T ₂ -Weighted MRI of Tumors. <i>Advanced Materials</i> , 2018 , 30, e1803163	16.4	62
39	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. <i>Angewandte Chemie</i> , 2017 , 129, 6592-6596	3.6	44
38	Activatable Singlet Oxygen Generation from Lipid Hydroperoxide Nanoparticles for Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6492-6496	16.4	245
37	Artificial local magnetic field inhomogeneity enhances T ₂ relaxivity. <i>Nature Communications</i> , 2017 , 8, 15468	16.4	87

36	Double-Layered Plasmonic-Magnetic Vesicles by Self-Assembly of Janus Amphiphilic Gold-Iron(II,III) Oxide Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 8110-8114	16.4	88
35	Double-Layered Plasmonic-Magnetic Vesicles by Self-Assembly of Janus Amphiphilic Gold-Iron(II,III) Oxide Nanoparticles. <i>Angewandte Chemie</i> , 2017 , 129, 8222-8226	3.6	23
34	Rational Design of Branched Nanoporous Gold Nanoshells with Enhanced Physico-Optical Properties for Optical Imaging and Cancer Therapy. <i>ACS Nano</i> , 2017 , 11, 6102-6113	16.7	108
33	Impact of Semiconducting Perylene Diimide Nanoparticle Size on Lymph Node Mapping and Cancer Imaging. <i>ACS Nano</i> , 2017 , 11, 4247-4255	16.7	117
32	Yolk-Shell Nanostructure: An Ideal Architecture to Achieve Harmonious Integration of Magnetic-Plasmonic Hybrid Theranostic Platform. <i>Advanced Materials</i> , 2017 , 29, 1606681	24	76
31	Suppressing Nanoparticle-Mononuclear Phagocyte System Interactions of Two-Dimensional Gold Nanorings for Improved Tumor Accumulation and Photothermal Ablation of Tumors. <i>ACS Nano</i> , 2017 , 11, 10539-10548	16.7	93
30	Multifunctional Theranostic Nanoparticles Based on Exceedingly Small Magnetic Iron Oxide Nanoparticles for T-Weighted Magnetic Resonance Imaging and Chemotherapy. <i>ACS Nano</i> , 2017 , 11, 10992-11004	16.7	161
29	Self-Assembly of Semiconducting-Plasmonic Gold Nanoparticles with Enhanced Optical Property for Photoacoustic Imaging and Photothermal Therapy. <i>Theranostics</i> , 2017 , 7, 2177-2185	12.1	65
28	Tailored Graphitic Carbon Nitride Nanostructures: Synthesis, Modification, and Sensing Applications. <i>Advanced Functional Materials</i> , 2017 , 27, 1702695	15.6	103
27	Amphiphilic-Polymer-Guided Plasmonic Assemblies and Their Biomedical Applications. <i>Bioconjugate Chemistry</i> , 2017 , 28, 105-114	6.3	36
26	Mapping Sentinel Lymph Node Metastasis by Dual-probe Optical Imaging. <i>Theranostics</i> , 2017 , 7, 153-163	12.1	22
25	Preparation of plasmonic vesicles from amphiphilic gold nanocrystals grafted with polymer brushes. <i>Nature Protocols</i> , 2016 , 11, 2287-2299	18.8	31
24	New Generation of Gold Nanoshell-Coated Esophageal Stent: Preparation and Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27523-27529	9.5	14
23	Synthesis of biocompatible polymeric nanomaterial dually loaded with paclitaxel and nitric oxide for anti-MDR cancer therapy. <i>RSC Advances</i> , 2016 , 6, 105871-105877	3.7	11
22	Dual-enhanced photothermal conversion properties of reduced graphene oxide-coated gold superparticles for light-triggered acoustic and thermal theranostics. <i>Nanoscale</i> , 2016 , 8, 2116-22	7.7	49
21	Size Dependent Kinetics of Gold Nanorods in EPR Mediated Tumor Delivery. <i>Theranostics</i> , 2016 , 6, 2039-2051	20.51	59
20	Multimodal-Imaging-Guided Cancer Phototherapy by Versatile Biomimetic Theranostics with UV and Irradiation Protection. <i>Advanced Materials</i> , 2016 , 28, 3273-9	24	138
19	Light-Responsive Biodegradable Nanomedicine Overcomes Multidrug Resistance via NO-Enhanced Chemosensitization. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 13804-11	9.5	88

18	Gold Nanoparticle Coated Carbon Nanotube Ring with Enhanced Raman Scattering and Photothermal Conversion Property for Theranostic Applications. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7005-15	16.4	160
17	A photothermally responsive nanoprobe for bioimaging based on Edman degradation. <i>Nanoscale</i> , 2016 , 8, 10553-7	7.7	5
16	Reactive oxygen species generating systems meeting challenges of photodynamic cancer therapy. <i>Chemical Society Reviews</i> , 2016 , 45, 6597-6626	58.5	1052
15	Plasmonic Vesicles of Amphiphilic Nanocrystals: Optically Active Multifunctional Platform for Cancer Diagnosis and Therapy. <i>Accounts of Chemical Research</i> , 2015 , 48, 2506-15	24.3	137
14	Tumor-Specific Formation of Enzyme-Instructed Supramolecular Self-Assemblies as Cancer Theranostics. <i>ACS Nano</i> , 2015 , 9, 9517-27	16.7	160
13	Sequential Drug Release and Enhanced Photothermal and Photoacoustic Effect of Hybrid Reduced Graphene Oxide-Loaded Ultrasmall Gold Nanorod Vesicles for Cancer Therapy. <i>ACS Nano</i> , 2015 , 9, 9199-2009	16.7	284
12	Ultrasmall Gold Nanorod Vesicles with Enhanced Tumor Accumulation and Fast Excretion from the Body for Cancer Therapy. <i>Advanced Materials</i> , 2015 , 27, 4910-7	24	226
11	SERS-encoded nanogapped plasmonic nanoparticles: growth of metallic nanoshell by templating redox-active polymer brushes. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6838-41	16.4	154
10	Biodegradable theranostic plasmonic vesicles of amphiphilic gold nanorods. <i>ACS Nano</i> , 2013 , 7, 9947-60	16.7	153
9	Photolabile plasmonic vesicles assembled from amphiphilic gold nanoparticles for remote-controlled traceable drug delivery. <i>Nanoscale</i> , 2013 , 5, 5816-24	7.7	63
8	Self-assembled plasmonic vesicles of SERS-encoded amphiphilic gold nanoparticles for cancer cell targeting and traceable intracellular drug delivery. <i>Journal of the American Chemical Society</i> , 2012 , 134, 13458-69	16.4	369
7	Plasmonic vesicles of amphiphilic gold nanocrystals: self-assembly and external-stimuli-triggered destruction. <i>Journal of the American Chemical Society</i> , 2011 , 133, 10760-3	16.4	220
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5	Mesoporous radiosensitized nanoprobe for enhanced NIR-II photoacoustic imaging-guided accurate radio-chemotherapy. <i>Nano Research</i> , 1	10	4
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3	Plasmonic gold nanoagents for cancer imaging and therapy. <i>View</i> , 20200149	7.8	7
2	High Throughput Blood Analysis Based on Deep Learning Algorithm and Self-Positioning Super-Hydrophobic SERS Platform for Non-Invasive Multi-Disease Screening. <i>Advanced Functional Materials</i> , 2103382	15.6	12
1	Plasmonic anisotropic gold nanorods: Preparation and biomedical applications. <i>Nano Research</i> , 1	10	2

