

# Peng Huang

## List of Publications by Year in descending order

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299  
papers

33,644  
citations

4370

86  
h-index

4203

174  
g-index

313  
all docs

313  
docs citations

313  
times ranked

33355  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting cancer cells by ROS-mediated mechanisms: a radical therapeutic approach?. <i>Nature Reviews Drug Discovery</i> , 2009, 8, 579-591.	21.5	4,327
2	Nanotechnology for Multimodal Synergistic Cancer Therapy. <i>Chemical Reviews</i> , 2017, 117, 13566-13638.	23.0	1,392
3	Overcoming the Achilles' heel of photodynamic therapy. <i>Chemical Society Reviews</i> , 2016, 45, 6488-6519.	18.7	1,251
4	Nanozyme: new horizons for responsive biomedical applications. <i>Chemical Society Reviews</i> , 2019, 48, 3683-3704.	18.7	1,101
5	Two-dimensional transition metal carbides and nitrides (MXenes) for biomedical applications. <i>Chemical Society Reviews</i> , 2018, 47, 5109-5124.	18.7	749
6	Light-Triggered Theranostics Based on Photosensitizer-Conjugated Carbon Dots for Simultaneous Enhanced Fluorescence Imaging and Photodynamic Therapy. <i>Advanced Materials</i> , 2012, 24, 5104-5110.	11.1	630
7	Photosensitizer-Loaded Gold Vesicles with Strong Plasmonic Coupling Effect for Imaging-Guided Photothermal/Photodynamic Therapy. <i>ACS Nano</i> , 2013, 7, 5320-5329.	7.3	603
8	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.	7.2	577
9	Catalytic chemistry of glucose oxidase in cancer diagnosis and treatment. <i>Chemical Society Reviews</i> , 2018, 47, 6454-6472.	18.7	537
10	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1229-1233.	7.2	505
11	Folic Acid-conjugated Graphene Oxide loaded with Photosensitizers for Targeting Photodynamic Therapy. <i>Theranostics</i> , 2011, 1, 240-250.	4.6	491
12	Nanocatalytic Theranostics with Glutathione Depletion and Enhanced Reactive Oxygen Species Generation for Efficient Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2006892.	11.1	457
13	Single Continuous Wave Laser Induced Photodynamic/Plasmonic Photothermal Therapy Using Photosensitizer-Functionalized Gold Nanostars. <i>Advanced Materials</i> , 2013, 25, 3055-3061.	11.1	453
14	Glucose Oxidase-Instructed Multimodal Synergistic Cancer Therapy. <i>Advanced Materials</i> , 2019, 31, e1808325.	11.1	409
15	Folic acid-conjugated Silica-modified gold nanorods for X-ray/CT imaging-guided dual-mode radiation and photo-thermal therapy. <i>Biomaterials</i> , 2011, 32, 9796-9809.	5.7	385
16	Biomineralization-Inspired Synthesis of Copper Sulfide-Ferritin Nanocages as Cancer Theranostics. <i>ACS Nano</i> , 2016, 10, 3453-3460.	7.3	328
17	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, 9199-9209.	7.3	323
18	Hierarchical Targeting Strategy for Enhanced Tumor Tissue Accumulation/Retention and Cellular Internalization. <i>Advanced Materials</i> , 2016, 28, 7340-7364.	11.1	320

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19	The photoluminescence, drug delivery and imaging properties of multifunctional Eu <sup>3+</sup> /Gd <sup>3+</sup> -dual-doped hydroxyapatite nanorods. <i>Biomaterials</i> , 2011, 32, 9031-9039.	5.7	305
20	Biodegradable Manganese-Doped Calcium Phosphate Nanotheranostics for Traceable Cascade Reaction-Enhanced Anti-Tumor Therapy. <i>ACS Nano</i> , 2019, 13, 13985-13994.	7.3	299
21	DNA origami nanostructures can exhibit preferential renal uptake and alleviate acute kidney injury. <i>Nature Biomedical Engineering</i> , 2018, 2, 865-877.	11.6	297
22	RGD-Conjugated Dendrimer-Modified Gold Nanorods for <i>in Vivo</i> Tumor Targeting and Photothermal Therapy. <i>Molecular Pharmaceutics</i> , 2010, 7, 94-104.	2.3	294
23	Graphene-based nanomaterials for bioimaging. <i>Advanced Drug Delivery Reviews</i> , 2016, 105, 242-254.	6.6	281
24	Dye-Loaded Ferritin Nanocages for Multimodal Imaging and Photothermal Therapy. <i>Advanced Materials</i> , 2014, 26, 6401-6408.	11.1	272
25	Conquering the Hypoxia Limitation for Photodynamic Therapy. <i>Advanced Materials</i> , 2021, 33, e2103978.	11.1	262
26	Development of endogenous enzyme-responsive nanomaterials for theranostics. <i>Chemical Society Reviews</i> , 2018, 47, 5554-5573.	18.7	260
27	Ultrasmall Gold Nanorod Vesicles with Enhanced Tumor Accumulation and Fast Excretion from the Body for Cancer Therapy. <i>Advanced Materials</i> , 2015, 27, 4910-4917.	11.1	254
28	Photosensitizer-conjugated magnetic nanoparticles for <i>in vivo</i> simultaneous magnetofluorescent imaging and targeting therapy. <i>Biomaterials</i> , 2011, 32, 3447-3458.	5.7	253
29	Mitochondrial Manganese-Superoxide Dismutase Expression in Ovarian Cancer. <i>Journal of Biological Chemistry</i> , 2005, 280, 39485-39492.	1.6	235
30	Dual Phase-Controlled Synthesis of Uniform Lanthanide-Doped NaGdF <sub>4</sub> Upconversion Nanocrystals Via an OA/Ionic Liquid Two-Phase System for <i>In Vivo</i> Dual-Modality Imaging. <i>Advanced Functional Materials</i> , 2011, 21, 4470-4477.	7.8	225
31	Stimuli-Responsive Programmed Specific Targeting in Nanomedicine. <i>ACS Nano</i> , 2016, 10, 2991-2994.	7.3	215
32	Recent Advances in Photoacoustic Imaging for Deep-Tissue Biomedical Applications. <i>Theranostics</i> , 2016, 6, 2394-2413.	4.6	213
33	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, 7005-7015.	6.6	208
34	Triphase Interface Synthesis of Plasmonic Gold Bellflowers as Near-Infrared Light Mediated Acoustic and Thermal Theranostics. <i>Journal of the American Chemical Society</i> , 2014, 136, 8307-8313.	6.6	203
35	Photosensitizer-conjugated silica-coated gold nanoclusters for fluorescence imaging-guided photodynamic therapy. <i>Biomaterials</i> , 2013, 34, 4643-4654.	5.7	201
36	Manganese-Dioxide-Coating-Instructed Plasmonic Modulation of Gold Nanorods for Activatable Duplex-Imaging-Guided NIR-Enhanced Photothermal-Chemodynamic Therapy. <i>Advanced Materials</i> , 2021, 33, e2008540.	11.1	198

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37	PD-1 Blockade Cellular Vesicles for Cancer Immunotherapy. <i>Advanced Materials</i> , 2018, 30, e1707112.	11.1	196
38	Calcium-based biomaterials for diagnosis, treatment, and theranostics. <i>Chemical Society Reviews</i> , 2018, 47, 357-403.	18.7	190
39	Core-Satellite Polydopamine-Gadolinium-Metallofullerene Nanotheranostics for Multimodal Imaging Guided Combination Cancer Therapy. <i>Advanced Materials</i> , 2017, 29, 1701013.	11.1	185
40	Molybdenum-based nanoclusters act as antioxidants and ameliorate acute kidney injury in mice. <i>Nature Communications</i> , 2018, 9, 5421.	5.8	184
41	Tumor-Specific Formation of Enzyme-Instructed Supramolecular Self-Assemblies as Cancer Theranostics. <i>ACS Nano</i> , 2015, 9, 9517-9527.	7.3	182
42	Engineering PD-1-Presenting Platelets for Cancer Immunotherapy. <i>Nano Letters</i> , 2018, 18, 5716-5725.	4.5	172
43	Multimodal-Imaging-Guided Cancer Phototherapy by Versatile Biomimetic Theranostics with UV and $\beta$ -Irradiation Protection. <i>Advanced Materials</i> , 2016, 28, 3273-3279.	11.1	170
44	NIR-Responsive On-Demand Release of CO from Metal Carbonyl-Caged Graphene Oxide Nanomedicine. <i>Advanced Materials</i> , 2015, 27, 6741-6746.	11.1	168
45	Mesoporous Polydopamine Carrying Manganese Carbonyl Responds to Tumor Microenvironment for Multimodal Imaging-Guided Cancer Therapy. <i>Advanced Functional Materials</i> , 2019, 29, 1900095.	7.8	168
46	Plasmonic Vesicles of Amphiphilic Nanocrystals: Optically Active Multifunctional Platform for Cancer Diagnosis and Therapy. <i>Accounts of Chemical Research</i> , 2015, 48, 2506-2515.	7.6	161
47	In Vivo Volumetric Photoacoustic Molecular Angiography and Therapeutic Monitoring with Targeted Plasmonic Nanostars. <i>Small</i> , 2014, 10, 1585-1593.	5.2	157
48	An aptamer-targeting photoresponsive drug delivery system using $\alpha$ - $\omega$ -graphene oxide wrapped mesoporous silica nanoparticles. <i>Nanoscale</i> , 2015, 7, 6304-6310.	2.8	157
49	Programmable NIR-Photothermal-Enhanced Starvation-Primed Chemodynamic Therapy using Glucose Oxidase-Functionalized Ancient Pigment Nanosheets. <i>Small</i> , 2020, 16, e2001518.	5.2	150
50	Multifunctional Magnesium Organic Framework-Based Microneedle Patch for Accelerating Diabetic Wound Healing. <i>ACS Nano</i> , 2021, 15, 17842-17853.	7.3	148
51	Enhanced fluorescence imaging guided photodynamic therapy of sinoporphyrin sodium loaded graphene oxide. <i>Biomaterials</i> , 2015, 42, 94-102.	5.7	147
52	Recent Advances on Graphene Quantum Dots for Bioimaging Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 424.	1.8	146
53	Durable Antibacterial and Nonfouling Cotton Textiles with Enhanced Comfort via Zwitterionic Sulfopropylbetaine Coating. <i>Small</i> , 2016, 12, 3516-3521.	5.2	145
54	Biodegradable titanium nitride MXene quantum dots for cancer phototheranostics in NIR-I/II biowindows. <i>Chemical Engineering Journal</i> , 2020, 400, 126009.	6.6	144

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55	A novel self-assembled sandwich nanomedicine for NIR-responsive release of NO. <i>Nanoscale</i> , 2015, 7, 20055-20062.	2.8	142
56	Enhanced Afterglow Performance of Persistent Luminescence Implants for Efficient Repeatable Photodynamic Therapy. <i>ACS Nano</i> , 2017, 11, 5864-5872.	7.3	136
57	Tri-stimuli-responsive biodegradable theranostics for mild hyperthermia enhanced chemotherapy. <i>Biomaterials</i> , 2017, 126, 39-48.	5.7	135
58	Bioresponsive Polyoxometalate Cluster for Redox-Activated Photoacoustic Imaging-Guided Photothermal Cancer Therapy. <i>Nano Letters</i> , 2017, 17, 3282-3289.	4.5	135
59	Glucose Oxidase-Instructed Traceable Self-Oxygenation/Hyperthermia Dually Enhanced Cancer Starvation Therapy. <i>Theranostics</i> , 2020, 10, 1544-1554.	4.6	130
60	Magnetic chitosan nanoparticles as a drug delivery system for targeting photodynamic therapy. <i>Nanotechnology</i> , 2009, 20, 135102.	1.3	127
61	Bacteria-template synthesized silver microspheres with hollow and porous structures as excellent SERS substrate. <i>Green Chemistry</i> , 2010, 12, 2038.	4.6	125
62	A Versatile Theranostic Nanoemulsion for Architecture-Dependent Multimodal Imaging and Dually Augmented Photodynamic Therapy. <i>Advanced Materials</i> , 2019, 31, e1806444.	11.1	124
63	Multifunctional Eu <sup>3+</sup> /Gd <sup>3+</sup> dual-doped calcium phosphate vesicle-like nanospheres for sustained drug release and imaging. <i>Biomaterials</i> , 2012, 33, 6447-6455.	5.7	122
64	Mesoporous silica-coated gold nanorods with embedded indocyanine green for dual mode X-ray CT and NIR fluorescence imaging. <i>Optics Express</i> , 2011, 19, 17030.	1.7	121
65	Ultras-small Rhodium Nanozyme with RONS Scavenging and Photothermal Activities for Anti-Inflammation and Antitumor Theranostics of Colon Diseases. <i>Nano Letters</i> , 2020, 20, 3079-3089.	4.5	121
66	Light-Responsive Biodegradable Nanorattles for Cancer Theranostics. <i>Advanced Materials</i> , 2018, 30, 1706150.	11.1	120
67	Biodegradable Calcium Phosphate Nanotheranostics with Tumor-Specific Activatable Cascade Catalytic Reactions-Augmented Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2009848.	7.8	120
68	Tumor pH-responsive metastable-phase manganese sulfide nanotheranostics for traceable hydrogen sulfide gas therapy primed chemodynamic therapy. <i>Theranostics</i> , 2020, 10, 2453-2462.	4.6	120
69	Dual-Stimuli Responsive Bismuth Nanoraspberries for Multimodal Imaging and Combined Cancer Therapy. <i>Nano Letters</i> , 2018, 18, 6778-6788.	4.5	116
70	Unique role of ionic liquid in microwave-assisted synthesis of monodisperse magnetite nanoparticles. <i>Chemical Communications</i> , 2010, 46, 3866.	2.2	114
71	A Melanin-Based Natural Antioxidant Defense Nanosystem for Theranostic Application in Acute Kidney Injury. <i>Advanced Functional Materials</i> , 2019, 29, 1904833.	7.8	111
72	Selenium-Doped Carbon Quantum Dots Act as Broad-Spectrum Antioxidants for Acute Kidney Injury Management. <i>Advanced Science</i> , 2020, 7, 2000420.	5.6	109

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73	PET and NIR optical imaging using self-illuminating 64 Cu-doped chelator-free gold nanoclusters. <i>Biomaterials</i> , 2014, 35, 9868-9876.	5.7	108
74	Light-Triggered Transformable Ferrous Ion Delivery System for Photothermal Primed Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6047-6054.	7.2	107
75	Degradable silver-based nanoplatform for synergistic cancer starving-like/metal ion therapy. <i>Materials Horizons</i> , 2019, 6, 169-175.	6.4	106
76	Magneto-Plasmonic Janus Vesicles for Magnetic Field-Enhanced Photoacoustic and Magnetic Resonance Imaging of Tumors. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15297-15300.	7.2	102
77	Folic Acid-Conjugated LaF <sub>3</sub> :Yb,Tm@SiO <sub>2</sub> Nanoprobes for Targeting Dual-Modality Imaging of Upconversion Luminescence and X-ray Computed Tomography. <i>Journal of Physical Chemistry B</i> , 2012, 116, 14062-14070.	1.2	101
78	Hierarchically assembled Au microspheres and sea urchin-like architectures: formation mechanism and SERS study. <i>Nanoscale</i> , 2012, 4, 7766.	2.8	100
79	<sup>89</sup> Zr-labeled nivolumab for imaging of T-cell infiltration in a humanized murine model of lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 110-120.	3.3	100
80	A nanoscale graphene oxide-peptide biosensor for real-time specific biomarker detection on the cell surface. <i>Chemical Communications</i> , 2012, 48, 9768.	2.2	99
81	Semimetal nanomaterials of antimony as highly efficient agent for photoacoustic imaging and photothermal therapy. <i>Biomaterials</i> , 2015, 45, 18-26.	5.7	97
82	Dual-Stimuli Responsive Nanotheranostics for Multimodal Imaging Guided Trimodal Synergistic Therapy. <i>Small</i> , 2017, 13, 1602580.	5.2	97
83	Biomimetic Nanoemulsion for Synergistic Photodynamic Immunotherapy Against Hypoxic Breast Tumor. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10647-10653.	7.2	96
84	Janus <sup>56</sup> Fe <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> -based nanotheranostics for dual-modal imaging and enhanced synergistic cancer starvation/chemodynamic therapy. <i>Science Bulletin</i> , 2020, 65, 564-572.	4.3	93
85	Melanin/polydopamine-based nanomaterials for biomedical applications. <i>Science China Chemistry</i> , 2019, 62, 162-188.	4.2	91
86	In vivo three-dimensional multispectral photoacoustic imaging of dual enzyme-driven cyclic cascade reaction for tumor catalytic therapy. <i>Nature Communications</i> , 2022, 13, 1298.	5.8	91
87	Ultra-small iron-gallic acid coordination polymer nanoparticles for chelator-free labeling of <sup>64</sup> Cu and multimodal imaging-guided photothermal therapy. <i>Nanoscale</i> , 2017, 9, 12609-12617.	2.8	90
88	Self-Activated Electrical Stimulation for Effective Hair Regeneration via a Wearable Omnidirectional Pulse Generator. <i>ACS Nano</i> , 2019, 13, 12345-12356.	7.3	90
89	Six Birds with One Stone: Versatile Nanoporphyrin for Single-Laser-Triggered Synergistic Phototheranostics and Robust Immune Activation. <i>Advanced Materials</i> , 2020, 32, e2004481.	11.1	89
90	Tumor pH-Responsive Albumin/Polyaniline Assemblies for Amplified Photoacoustic Imaging and Augmented Photothermal Therapy. <i>Small</i> , 2019, 15, e1902926.	5.2	88

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91	Cyclodextrin-based polymer materials: From controlled synthesis to applications. <i>Progress in Polymer Science</i> , 2019, 93, 1-35.	11.8	88
92	In vivo albumin labeling and lymphatic imaging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 208-213.	3.3	87
93	Optical and photoacoustic dual-modality imaging guided synergistic photodynamic/photothermal therapies. <i>Nanoscale</i> , 2015, 7, 2520-2526.	2.8	87
94	3D printing of hydrogel scaffolds for future application in photothermal therapy of breast cancer and tissue repair. <i>Acta Biomaterialia</i> , 2019, 92, 37-47.	4.1	86
95	Polydopamine-functionalized black phosphorus quantum dots for cancer theranostics. <i>Applied Materials Today</i> , 2019, 15, 297-304.	2.3	86
96	Aptamer-conjugated dendrimer-modified quantum dots for cancer cell targeting and imaging. <i>Materials Letters</i> , 2010, 64, 375-378.	1.3	85
97	Early-Stage Imaging of Nanocarrier-Enhanced Chemotherapy Response in Living Subjects by Scalable Photoacoustic Microscopy. <i>ACS Nano</i> , 2014, 8, 12141-12150.	7.3	85
98	Ultrasound-Enhanced Chemo-Photodynamic Combination Therapy by Using Albumin $\alpha$ -Nanoglucan-Based Nanotheranostics. <i>ACS Nano</i> , 2020, 14, 5560-5569.	7.3	83
99	A Novel Quantum Dots-Based Point of Care Test for Syphilis. <i>Nanoscale Research Letters</i> , 2010, 5, 875-881.	3.1	82
100	Folic acid-conjugated silica capped gold nanoclusters for targeted fluorescence/X-ray computed tomography imaging. <i>Journal of Nanobiotechnology</i> , 2013, 11, 17.	4.2	82
101	Marriage of Albumin-Gadolinium Complexes and MoS <sub>2</sub> Nanoflakes as Cancer Theranostics for Dual-Modality Magnetic Resonance/Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 17786-17798.	4.0	81
102	Photoacoustic Probes for Molecular Detection: Recent Advances and Perspectives. <i>Small</i> , 2018, 14, e1800782.	5.2	81
103	Protein-based photothermal theranostics for imaging-guided cancer therapy. <i>Nanoscale</i> , 2015, 7, 16330-16336.	2.8	80
104	Smart Cancer Cell Targeting Imaging and Drug Delivery System by Systematically Engineering Periodic Mesoporous Organosilica Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 2985-2993.	4.0	80
105	Glucose Oxidase-Instructed Fluorescence Amplification Strategy for Intracellular Glucose Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 10554-10558.	4.0	79
106	Green controllable synthesis of silver nanomaterials on graphene oxide sheets via spontaneous reduction. <i>RSC Advances</i> , 2012, 2, 3816.	1.7	78
107	VEGF-loaded graphene oxide as theranostics for multi-modality imaging-monitored targeting therapeutic angiogenesis of ischemic muscle. <i>Nanoscale</i> , 2013, 5, 6857.	2.8	78
108	Multi-enzyme mimetic ultrasmall iridium nanozymes as reactive oxygen/nitrogen species scavengers for acute kidney injury management. <i>Biomaterials</i> , 2021, 271, 120706.	5.7	78

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109	Radiolabeling Silica-Based Nanoparticles via Coordination Chemistry: Basic Principles, Strategies, and Applications. <i>Accounts of Chemical Research</i> , 2018, 51, 778-788.	7.6	77
110	Protein-directed one-pot synthesis of Ag microspheres with good biocompatibility and enhancement of radiation effects on gastric cancer cells. <i>Nanoscale</i> , 2011, 3, 3623.	2.8	76
111	3D bioprinting scaffold using alginate/polyvinyl alcohol bioinks. <i>Materials Letters</i> , 2017, 189, 295-298.	1.3	76
112	Nanomaterials for photoacoustic imaging in the second near-infrared window. <i>Biomaterials Science</i> , 2019, 7, 472-479.	2.6	76
113	Insight into multifunctional polyester fabrics finished by one-step eco-friendly strategy. <i>Chemical Engineering Journal</i> , 2019, 358, 634-642.	6.6	75
114	Bio-mimetically synthesized Ag@BSA microspheres as a novel electrochemical biosensing interface for sensitive detection of tumor cells. <i>Biosensors and Bioelectronics</i> , 2013, 41, 656-662.	5.3	74
115	Reversibly Extracellular pH Controlled Cellular Uptake and Photothermal Therapy by PEGylated Mixed-Charge Gold Nanostars. <i>Small</i> , 2015, 11, 1801-1810.	5.2	74
116	Renal-Clearable Ultrasmall Coordination Polymer Nanodots for Chelator-Free <sup>64</sup> Cu-Labeling and Imaging-Guided Enhanced Radiotherapy of Cancer. <i>ACS Nano</i> , 2017, 11, 9103-9111.	7.3	73
117	Ratiometric Photoacoustic Molecular Imaging for Methylmercury Detection in Living Subjects. <i>Advanced Materials</i> , 2017, 29, 1606129.	11.1	72
118	Enhancing Light and X-Ray Charging in Persistent Luminescence Nanocrystals for Orthogonal Afterglow Anti-Counterfeiting. <i>Advanced Functional Materials</i> , 2021, 31, 2009920.	7.8	72
119	3D Printed Wesselsite Nanosheets Functionalized Scaffold Facilitates NIR Photothermal Therapy and Vascularized Bone Regeneration. <i>Advanced Science</i> , 2021, 8, e2100894.	5.6	72
120	Rolling up graphene oxide sheets into micro/nanoscrolls by nanoparticle aggregation. <i>Journal of Materials Chemistry</i> , 2012, 22, 17441.	6.7	71
121	Ceria Nanozymes with Preferential Renal Uptake for Acute Kidney Injury Alleviation. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 56830-56838.	4.0	71
122	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy. <i>Angewandte Chemie</i> , 2017, 129, 1249-1253.	1.6	70
123	In Situ Sprayed Starvation/Chemodynamic Therapeutic Gel for Post-Surgical Treatment of IDH1 (R132H) Glioma. <i>Advanced Materials</i> , 2022, 34, e2103980.	11.1	67
124	Surface Functionalization of Chemically Reduced Graphene Oxide for Targeted Photodynamic Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 117-125.	0.5	66
125	Inorganic Nanomaterials with Intrinsic Singlet Oxygen Generation for Photodynamic Therapy. <i>Advanced Science</i> , 2021, 8, e2102587.	5.6	66
126	Copper Selenide Nanosnakes: Bovine Serum Albumin-Assisted Room Temperature Controllable Synthesis and Characterization. <i>Nanoscale Research Letters</i> , 2010, 5, 949-956.	3.1	65



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127	Chiral guanosine 5'-monophosphate-capped gold nanoflowers: Controllable synthesis, characterization, surface-enhanced Raman scattering activity, cellular imaging and photothermal therapy. <i>Nano Research</i> , 2012, 5, 630-639.	5.8	65
128	Cascade Reactions Catalyzed by Planar Metal-Organic Framework Hybrid Architecture for Combined Cancer Therapy. <i>Small</i> , 2020, 16, e2004016.	5.2	64
129	Studies on Preparation of Photosensitizer Loaded Magnetic Silica Nanoparticles and Their Anti-Tumor Effects for Targeting Photodynamic Therapy. <i>Nanoscale Research Letters</i> , 2009, 4, 400-408.	3.1	63
130	Tumor-Specific Activatable Nanocarriers with Gas-Generation and Signal Amplification Capabilities for Tumor Theranostics. <i>ACS Nano</i> , 2021, 15, 1627-1639.	7.3	62
131	Self-assembly mechanisms of nanofibers from peptide amphiphiles in solution and on substrate surfaces. <i>Nanoscale</i> , 2016, 8, 14814-14820.	2.8	62
132	Stimuli-responsive cyclodextrin-based nanoplatfoms for cancer treatment and theranostics. <i>Materials Horizons</i> , 2019, 6, 846-870.	6.4	61
133	Biomimetic hybrid membrane-based nanoplatfoms: synthesis, properties and biomedical applications. <i>Nanoscale Horizons</i> , 2020, 5, 1293-1302.	4.1	59
134	One stone, three birds: one AIEgen with three colors for fast differentiation of three pathogens. <i>Chemical Science</i> , 2020, 11, 4730-4740.	3.7	59
135	Photoacoustic and Colorimetric Visualization of Latent Fingerprints. <i>ACS Nano</i> , 2015, 9, 12344-12348.	7.3	58
136	In Vivo Near-Infrared Fluorescence and Photoacoustic Dual-Modal Imaging of Endogenous Alkaline Phosphatase. <i>Analytical Chemistry</i> , 2019, 91, 7112-7117.	3.2	58
137	Nanomedicines for Renal Management: From Imaging to Treatment. <i>Accounts of Chemical Research</i> , 2020, 53, 1869-1880.	7.6	57
138	Integrative treatment of anti-tumor/bone repair by combination of MoS <sub>2</sub> nanosheets with 3D printed bioactive borosilicate glass scaffolds. <i>Chemical Engineering Journal</i> , 2020, 396, 125081.	6.6	57
139	Biomimetic one-pot synthesis of gold nanoclusters/nanoparticles for targeted tumor cellular dual-modality imaging. <i>Nanoscale Research Letters</i> , 2013, 8, 170.	3.1	55
140	Plasmonic modulation of gold nanotheranostics for targeted NIR-II photothermal-augmented immunotherapy. <i>Nano Today</i> , 2020, 35, 100987.	6.2	55
141	Polypeptide-Based Theranostics with Tumor-Microenvironment-Activatable Cascade Reaction for Chemo-ferroptosis Combination Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 20271-20280.	4.0	53
142	Black Phosphorus Nanosheets for Mild Hyperthermia-Enhanced Chemotherapy and Chemo-Photothermal Combination Therapy. <i>Nanotheranostics</i> , 2017, 1, 208-216.	2.7	52
143	Protein-Directed Solution-Phase Green Synthesis of BSA-Conjugated M <sub>x</sub> Se <sub>y</sub> (M=Ag, Cd, Pb, Cu) Nanomaterials. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1156-1162.	1.7	51
144	Engineered PD-L1-Expressing Platelets Reverse New-Onset Type 1 Diabetes. <i>Advanced Materials</i> , 2020, 32, e1907692.	11.1	49

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145	Enzyme-Engineered Conjugated Polymer Nanoplatform for Activatable Companion Diagnostics and Multistage Augmented Synergistic Therapy. <i>Advanced Materials</i> , 2022, 34, e2200062.	11.1	49
146	Synthesis and Characterization of Bovine Serum Albumin-Conjugated Copper Sulfide Nanocomposites. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-6.	1.5	47
147	A general strategy for the synthesis of upconversion rare earth fluoride nanocrystals via a novel OA/ionic liquid two-phase system. <i>Chemical Communications</i> , 2011, 47, 9510.	2.2	47
148	Gram scale synthesis of superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles and fluid via a facile solvothermal route. <i>CrystEngComm</i> , 2011, 13, 1782-1785.	1.3	47
149	Multifunctional biodegradable mesoporous microspheres of Eu <sup>3+</sup> -doped amorphous calcium phosphate: microwave-assisted preparation, pH-sensitive drug release, and bioimaging application. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7132-7140.	2.9	46
150	Metal peroxides for cancer treatment. <i>Bioactive Materials</i> , 2021, 6, 2698-2710.	8.6	46
151	Reactive Oxygen Species Activatable Heterodimeric Prodrug as Tumor-Selective Nanotheranostics. <i>ACS Nano</i> , 2020, 14, 16875-16886.	7.3	45
152	Phase- and Size-Controllable Synthesis of Hexagonal Upconversion Rare-Earth Fluoride Nanocrystals through an Oleic Acid/Ionic Liquid Two-Phase System. <i>Chemistry - A European Journal</i> , 2012, 18, 5954-5969.	1.7	43
153	Janus nanoparticles in cancer diagnosis, therapy and theranostics. <i>Biomaterials Science</i> , 2019, 7, 1262-1275.	2.6	43
154	Protective effect of platinum nano-antioxidant and nitric oxide against hepatic ischemia-reperfusion injury. <i>Nature Communications</i> , 2022, 13, 2513.	5.8	43
155	Single Walled Carbon Nanotubes Exhibit Dual-Phase Regulation to Exposed Arabidopsis Mesophyll Cells. <i>Nanoscale Research Letters</i> , 2011, 6, 44.	3.1	42
156	Multifunctional Core@Shell Magnetic Nanoprobes for Enhancing Targeted Magnetic Resonance Imaging and Fluorescent Labeling in Vitro and in Vivo. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 17777-17785.	4.0	42
157	Development of Sialic Acid-coated Nanoparticles for Targeting Cancer and Efficient Evasion of the Immune System. <i>Theranostics</i> , 2017, 7, 962-973.	4.6	42
158	Radiolabeled polyoxometalate clusters: Kidney dysfunction evaluation and tumor diagnosis by positron emission tomography imaging. <i>Biomaterials</i> , 2018, 171, 144-152.	5.7	42
159	CD146-Targeted Multimodal Image-Guided Photoimmunotherapy of Melanoma. <i>Advanced Science</i> , 2019, 6, 1801237.	5.6	42
160	A Self-Checking pH/Viscosity-Activatable NIR-II Molecule for Real-Time Evaluation of Photothermal Therapy Efficacy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	42
161	Highly photostable croconium dye-anchored cell membrane vesicle for tumor pH-responsive duplex imaging-guided photothermal therapy. <i>Biomaterials</i> , 2021, 267, 120454.	5.7	41
162	Fluorescent Magnetic Nanoprobes for in vivo Targeted Imaging and Hyperthermia Therapy of Prostate Cancer. <i>Nano Biomedicine and Engineering</i> , 2009, 1, .	0.3	41

#	ARTICLE	IF	CITATIONS
163	In-situ TiO <sub>2</sub> -x decoration of titanium carbide MXene for photo/sono-responsive antitumor theranostics. <i>Journal of Nanobiotechnology</i> , 2022, 20, 53.	4.2	41
164	A general strategy for metallic nanocrystals synthesis in organic medium. <i>Chemical Communications</i> , 2010, 46, 4800.	2.2	40
165	In Vivo Chemoselective Photoacoustic Imaging of Copper(II) in Plant and Animal Subjects. <i>Small</i> , 2019, 15, e1803866.	5.2	40
166	Liver-targeted delivery of TSG-6 by calcium phosphate nanoparticles for the management of liver fibrosis. <i>Theranostics</i> , 2020, 10, 36-49.	4.6	40
167	3D Printed Enzyme-Functionalized Scaffold Facilitates Diabetic Bone Regeneration. <i>Advanced Functional Materials</i> , 2021, 31, 2101372.	7.8	40
168	Arginine-Glycine-Aspartic Acid-Conjugated Dendrimer-Modified Quantum Dots for Targeting and Imaging Melanoma. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 4859-4867.	0.9	39
169	Gold nanorod embedded large-pore mesoporous organosilica nanospheres for gene and photothermal cooperative therapy of triple negative breast cancer. <i>Nanoscale</i> , 2017, 9, 1466-1474.	2.8	39
170	Dual-Stimuli-Responsive Nanotheranostics for Dual-Targeting Photothermal-Enhanced Chemotherapy of Tumor. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 22204-22212.	4.0	38
171	Preparation of plasmonic vesicles from amphiphilic gold nanocrystals grafted with polymer brushes. <i>Nature Protocols</i> , 2016, 11, 2287-2299.	5.5	36
172	Drug nanocrystals for cancer therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2018, 10, e1499.	3.3	36
173	Engineering of nanoscale coordination polymers with biomolecules for advanced applications. <i>Coordination Chemistry Reviews</i> , 2019, 399, 213039.	9.5	36
174	Recent Advances in Self-Exciting Photodynamic Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 594491.	2.0	36
175	Recent Advances in Croconaine Dyes for Bioimaging and Theranostics. <i>Bioconjugate Chemistry</i> , 2020, 31, 2072-2084.	1.8	35
176	Dendrimer-modified gold nanorods as efficient controlled gene delivery system under near-infrared light irradiation. <i>Journal of Controlled Release</i> , 2011, 152, e137-e139.	4.8	34
177	Chelator-Free Labeling of Metal Oxide Nanostructures with Zirconium-89 for Positron Emission Tomography Imaging. <i>ACS Nano</i> , 2017, 11, 12193-12201.	7.3	34
178	Efficient renal clearance of DNA tetrahedron nanoparticles enables quantitative evaluation of kidney function. <i>Nano Research</i> , 2019, 12, 637-642.	5.8	34
179	Ultrasmall platinum nanozymes as broad-spectrum antioxidants for theranostic application in acute kidney injury. <i>Chemical Engineering Journal</i> , 2021, 409, 127371.	6.6	34
180	Photosensitizer-loaded dendrimer-modified multi-walled carbon nanotubes for photodynamic therapy. <i>Journal of Controlled Release</i> , 2011, 152, e33-e34.	4.8	33

#	ARTICLE	IF	CITATIONS
181	Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> -PEG2K-FA@Ce6 Nanoprobes for in Vivo Dual-mode Imaging and Targeted Photodynamic Therapy. <i>Scientific Reports</i> , 2016, 6, 36187.	1.6	33
182	Intercalation-Driven Formation of siRNA Nanogels for Cancer Therapy. <i>Nano Letters</i> , 2021, 21, 9706-9714.	4.5	33
183	Genome-wide DNA methylation analysis reveals significant impact of long-term ambient air pollution exposure on biological functions related to mitochondria and immune response. <i>Environmental Pollution</i> , 2020, 264, 114707.	3.7	32
184	Prussian blue-based theranostics for ameliorating acute kidney injury. <i>Journal of Nanobiotechnology</i> , 2021, 19, 266.	4.2	32
185	Engineering Bacteria and Bionic Bacterial Derivatives with Nanoparticles for Cancer Therapy. <i>Small</i> , 2022, 18, e2104643.	5.2	32
186	Radiolabeled pertuzumab for imaging of human epidermal growth factor receptor 2 expression in ovarian cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1296-1305.	3.3	31
187	Gold-Nanobipyramid-Based Nanotheranostics for Dual-Modality Imaging-Guided Phototherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 12541-12548.	4.0	31
188	Non-invasive monitoring of in vivo bone regeneration based on alkaline phosphatase-responsive scaffolds. <i>Chemical Engineering Journal</i> , 2021, 408, 127959.	6.6	31
189	Chemotherapeutic drug-DNA hybrid nanostructures for anti-tumor therapy. <i>Materials Horizons</i> , 2021, 8, 78-101.	6.4	31
190	Nanostructured Calcium Phosphates: Preparation and Their Application in Biomedicine. <i>Nano Biomedicine and Engineering</i> , 2012, 4, .	0.3	30
191	ImmunoPET imaging of CD38 in murine lymphoma models using <sup>89</sup> Zr-labeled daratumumab. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1372-1381.	3.3	30
192	In Vivo Photoacoustic Detection and Imaging of Peroxynitrite. <i>Analytical Chemistry</i> , 2018, 90, 9381-9385.	3.2	30
193	Salinomycin exerts anti-colorectal cancer activity by targeting the $\beta$ -catenin/cell factor complex. <i>British Journal of Pharmacology</i> , 2019, 176, 3390-3406.	2.7	30
194	A Versatile Calcium Phosphate Nanogenerator for Tumor Microenvironment-Activated Cancer Synergistic Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101563.	3.9	30
195	Cancer nanotheranostics in the second near-infrared window. <i>View</i> , 2021, 2, 20200075.	2.7	29
196	Clinically translatable gold nanozymes with broad spectrum antioxidant and anti-inflammatory activity for alleviating acute kidney injury. <i>Theranostics</i> , 2021, 11, 9904-9917.	4.6	29
197	Plasmonic Gold Nanovesicles for Biomedical Applications. <i>Small Methods</i> , 2019, 3, 1800394.	4.6	28
198	Functional Magnetic Graphene Composites for Biosensing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 390.	1.8	28

#	ARTICLE	IF	CITATIONS
199	Biodegradable Self-Assembled Ultrasmall Nanodots as Reactive Oxygen/Nitrogen Species Scavengers for Theranostic Application in Acute Kidney Injury. <i>Small</i> , 2021, 17, e2005113.	5.2	28
200	Electrospinning of Heparin Encapsulated P(LLA-CL) Core/Shell Nanofibers. <i>Nano Biomedicine and Engineering</i> , 2010, 2, .	0.3	28
201	3D bioprinting of hydrogel-based biomimetic microenvironments. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 1695-1705.	1.6	27
202	Dye-loaded mesoporous polydopamine nanoparticles for multimodal tumor theranostics with enhanced immunogenic cell death. <i>Journal of Nanobiotechnology</i> , 2021, 19, 365.	4.2	27
203	Preparation of purpurin-18 loaded magnetic nanocarriers in cottonseed oil for photodynamic therapy. <i>Materials Letters</i> , 2008, 62, 2844-2847.	1.3	26
204	A Symmetrical Fluorous Dendron-Cyanine Dye-Conjugated Bimodal Nanoprobe for Quantitative <sup>19</sup> F MRI and NIR Fluorescence Bioimaging. <i>Advanced Healthcare Materials</i> , 2014, 3, 1326-1333.	3.9	26
205	Dual-stimuli responsive nanotheranostics for mild hyperthermia enhanced inhibition of Wnt/ $\beta$ -catenin signaling. <i>Biomaterials</i> , 2020, 232, 119709.	5.7	26
206	One-step synthesis of Fe <sub>3</sub> O <sub>4</sub> @C nanotubes for the immobilization of adriamycin. <i>Journal of Materials Chemistry</i> , 2011, 21, 12224.	6.7	25
207	Bioactive NIR-III Light-Responsive Shape Memory Composite Based on Cuprorivaite Nanosheets for Endometrial Regeneration. <i>Advanced Science</i> , 2022, 9, e2102220.	5.6	25
208	Synthesis of ultrasmall nucleotide-functionalized superparamagnetic $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>CrystEngComm</i> , 2011, 13, 4810.	1.3	24
209	Large-scale immuno-magnetic cell sorting of T cells based on a self-designed high-throughput system for potential clinical application. <i>Nanoscale</i> , 2017, 9, 13592-13599.	2.8	24
210	3D Bioprinting of Artificial Tissues: Construction of Biomimetic Microstructures. <i>Macromolecular Bioscience</i> , 2018, 18, e1800034.	2.1	24
211	Graphene-Based Nanomaterials in Bioimaging. , 2018, , 247-287.		24
212	Biodegradable Polymers as a Noncoding miRNA Nanocarrier for Multiple Targeting Therapy of Human Hepatocellular Carcinoma. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801318.	3.9	24
213	NIR-II light-responsive biodegradable shape memory composites based on cuprorivaite nanosheets for enhanced tissue reconstruction. <i>Chemical Engineering Journal</i> , 2021, 419, 129437.	6.6	24
214	Quantum Dots: NIR-Emitting Quantum Dot-Encoded Microbeads through Membrane Emulsification for Multiplexed Immunoassays ( <i>Small</i> 19/2013). <i>Small</i> , 2013, 9, 3364-3364.	5.2	23
215	Mercaptopropionic acid-capped Mn <sup>2+</sup> :ZnSe/ZnO quantum dots with both downconversion and upconversion emissions for bioimaging applications. <i>Nanoscale</i> , 2014, 6, 12345-12349.	2.8	23
216	Reprogrammable ultra-fast shape-transformation of macroporous composite hydrogel sheets. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2883-2887.	2.9	23

#	ARTICLE	IF	CITATIONS
217	Programmable starving-photodynamic synergistic cancer therapy. <i>Science China Materials</i> , 2020, 63, 611-619.	3.5	23
218	In vivo high-efficiency targeted photodynamic therapy of ultra-small Fe <sub>3</sub> O <sub>4</sub> @polymer-NPO/PEG-Glc@Ce6 nanoprobes based on small size effect. <i>NPG Asia Materials</i> , 2017, 9, e383-e383.	3.8	22
219	Plasmon-activated nanozymes with enhanced catalytic activity by near-infrared light irradiation. <i>Chemical Communications</i> , 2020, 56, 1784-1787.	2.2	22
220	Melanin-instructed biomimetic synthesis of copper sulfide for cancer phototheranostics. <i>Chemical Engineering Journal</i> , 2020, 388, 124232.	6.6	22
221	Cobalt carbide-based theranostic agents for <i>in vivo</i> multimodal imaging guided photothermal therapy. <i>Nanoscale</i> , 2020, 12, 7174-7179.	2.8	22
222	Nanozyme catalyzed cascade reaction for enhanced chemodynamic therapy of low-H <sub>2</sub> O <sub>2</sub> tumor. <i>Applied Materials Today</i> , 2022, 26, 101357.	2.3	22
223	Engineering Molecular Probes for <i>In Vivo</i> Near-Infrared Fluorescence/Photoacoustic Duplex Imaging of Human Neutrophil Elastase. <i>Analytical Chemistry</i> , 2022, 94, 3227-3234.	3.2	22
224	Multiscale Hierarchical Architecture-Based Bioactive Scaffolds for Versatile Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102837.	3.9	22
225	Cancer Immunotherapy: PD-1 Blockade Cellular Vesicles for Cancer Immunotherapy ( <i>Adv. Mater.</i> ) Tj ETQq1 1 0.784314 rgBT <sub>1</sub> /Overlo	11.1	21
226	Aggregation induced photoacoustic detection of mercury (II) ions using quaternary ammonium group-capped gold nanorods. <i>Talanta</i> , 2018, 187, 65-72.	2.9	21
227	pH-Responsive Nanoprobe for In Vivo Photoacoustic Imaging of Gastric Acid. <i>Analytical Chemistry</i> , 2019, 91, 13570-13575.	3.2	21
228	Labeling adipose derived stem cell sheet by ultrasmall super-paramagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles and magnetic resonance tracking in vivo. <i>Scientific Reports</i> , 2017, 7, 42793.	1.6	20
229	In vivo targeted therapy of gastric tumors via the mechanical rotation of a flower-like Fe <sub>3</sub> O <sub>4</sub> @Au nanoprobe under an alternating magnetic field. <i>NPG Asia Materials</i> , 2017, 9, e408-e408.	3.8	20
230	Mild hyperthermia-enhanced chemo-photothermal synergistic therapy using doxorubicin-loaded gold nanovesicles. <i>Chinese Chemical Letters</i> , 2021, 32, 2411-2414.	4.8	20
231	Noninvasive Trafficking of Brentuximab Vedotin and PET Imaging of CD30 in Lung Cancer Murine Models. <i>Molecular Pharmaceutics</i> , 2018, 15, 1627-1634.	2.3	19
232	A near-infrared turn-on probe for in vivo chemoselective photoacoustic detection of fluoride ion. <i>Dyes and Pigments</i> , 2019, 165, 408-414.	2.0	19
233	A hierarchically ordered compacted coil scaffold for tissue regeneration. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	19
234	STING-activating drug delivery systems: Design strategies and biomedical applications. <i>Chinese Chemical Letters</i> , 2021, 32, 1615-1625.	4.8	19

#	ARTICLE	IF	CITATIONS
235	Antibody and fragment-based PET imaging of CTLA-4+ T-cells in humanized mouse models. <i>American Journal of Cancer Research</i> , 2019, 9, 53-63.	1.4	19
236	Self-assembly of gold nanoparticles to silver microspheres as highly efficient 3D SERS substrates. <i>Nanoscale Research Letters</i> , 2013, 8, 168.	3.1	18
237	A welding phenomenon of dissimilar nanoparticles in dispersion. <i>Nature Communications</i> , 2019, 10, 219.	5.8	18
238	Activatable NIR-II Fluorescence Probe for Highly Sensitive and Selective Visualization of Glutathione in Vivo. <i>Analytical Chemistry</i> , 2021, 93, 17103-17109.	3.2	18
239	Enhanced All-Optical Modulation of Terahertz Waves on the Basis of Manganese Ferrite Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2017, 121, 21634-21640.	1.5	17
240	Recent advances in fluorescence imaging of alkaline phosphatase. <i>Chinese Chemical Letters</i> , 2021, 32, 1316-1330.	4.8	17
241	Light-Triggered Transformable Ferrous Ion Delivery System for Photothermal Primed Chemodynamic Therapy. <i>Angewandte Chemie</i> , 2021, 133, 6112-6119.	1.6	16
242	ImmunoPET Imaging of CD146 in Murine Models of Intrapulmonary Metastasis of Non-Small Cell Lung Cancer. <i>Molecular Pharmaceutics</i> , 2017, 14, 3239-3247.	2.3	15
243	Salinomycin nanocrystals for colorectal cancer treatment through inhibition of Wnt/ $\beta^2$ -catenin signaling. <i>Nanoscale</i> , 2020, 12, 19931-19938.	2.8	15
244	A dual-round signal amplification strategy for colorimetric/photoacoustic/fluorescence triple read-out detection of prostate specific antigen. <i>Chemical Communications</i> , 2020, 56, 4942-4945.	2.2	15
245	Preparation of FeCO <sub>3</sub> @Fe <sub>3</sub> O <sub>4</sub> nanoparticles and flower-like assemblies via a one-step hydrothermal method. <i>CrystEngComm</i> , 2011, 13, 6950.	1.3	14
246	Theranostic multimodal gold nanoclusters. <i>Nature Biomedical Engineering</i> , 2020, 4, 668-669.	11.6	14
247	Weaving Enzymes with Polymeric Shells for Biomedical Applications. <i>Advanced Materials</i> , 2021, 33, e2008438.	11.1	14
248	Dual-factor triggered fluorogenic nanoprobe for ultrahigh contrast and subdiffraction fluorescence imaging. <i>Biomaterials</i> , 2013, 34, 6194-6201.	5.7	13
249	Biomimetic Nanoemulsion for Synergistic Photodynamic Immunotherapy Against Hypoxic Breast Tumor. <i>Angewandte Chemie</i> , 2021, 133, 10742-10748.	1.6	13
250	Genome-wide methylation and expression analyses reveal the epigenetic landscape of immune-related diseases for tobacco smoking. <i>Clinical Epigenetics</i> , 2021, 13, 215.	1.8	13
251	A photothermally responsive nanoprobe for bioimaging based on Edman degradation. <i>Nanoscale</i> , 2016, 8, 10553-10557.	2.8	12

#	ARTICLE	IF	CITATIONS
253	Magneto-Plasmonic Janus Vesicles for Magnetic Field-Enhanced Photoacoustic and Magnetic Resonance Imaging of Tumors. <i>Angewandte Chemie</i> , 2016, 128, 15523-15526.	1.6	12
254	3D bioprinting of alginate scaffolds with controlled micropores by leaching of recrystallized salts. <i>Polymer Bulletin</i> , 2019, 76, 6077-6088.	1.7	12
255	The radiosensitization of melanoma cells by gold nanorods irradiated with MV X-ray. <i>Nano Biomedicine and Engineering</i> , 2012, 4, .	0.3	11
256	Superparamagnetic Fe <sub>3</sub> O <sub>4</sub> -Ag hybrid nanocrystals as a potential contrast agent for CT imaging. <i>CrystEngComm</i> , 2012, 14, 7556.	1.3	11
257	Dual-labeled pertuzumab for multimodality image-guided ovarian tumor resection. <i>American Journal of Cancer Research</i> , 2019, 9, 1454-1468.	1.4	11
258	Synthesis of ultra-long hierarchical ZnO whiskers in a hydrothermal system for dye-sensitised solar cells. <i>RSC Advances</i> , 2016, 6, 109406-109413.	1.7	10
259	Asymmetric total synthesis of tetrahydroprotoberberine derivatives and evaluation of their binding affinities at dopamine receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1437-1440.	1.0	10
260	Inorganic cancer phototheranostics in second biowindow. <i>APL Materials</i> , 2021, 9, .	2.2	10
261	Preparation and characterization of near-infrared region absorption enhancer carbon nanotubes hybrid materials. <i>Nano Biomedicine and Engineering</i> , 2010, 2, .	0.3	10
262	Near-infrared probes for luminescence lifetime imaging. <i>Nanotheranostics</i> , 2022, 6, 91-102.	2.7	10
263	Temporal-spatially transformed synthesis and formation mechanism of gold bellflowers. <i>Nanoscale</i> , 2016, 8, 7430-7434.	2.8	9
264	Synthesis of Highly Dispersed Fe <sub>3</sub> O <sub>4</sub> Submicrometer Spheres in a One-Pot Anion-Induced Solvothermal System. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 217-223.	0.8	9
265	Cortico-subthalamic Coherence in a Patient With Dystonia Induced by Chorea-Acanthocytosis: A Case Report. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 163.	1.0	9
266	Hydrothermal Synthesis of Monodispersed BaGdF <sub>5</sub> :Yb/Er Nanoparticles for CT and MR Imaging. <i>Journal of the Chinese Chemical Society</i> , 2016, 63, 977-984.	0.8	8
267	Graphene-semiconductor nanocomposites for cancer phototherapy. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 022007.	1.7	8
268	Photo-triggered Drug Delivery Systems for Neuron-related Applications. <i>Current Medicinal Chemistry</i> , 2019, 26, 1406-1422.	1.2	8
269	Integrative Analysis of Epigenome and Transcriptome Data Reveals Aberrantly Methylated Promoters and Enhancers in Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 769390.	1.3	8
270	Recent Advances in Gold Nanorods-Based Cancer Theranostics. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2100029.	1.7	7



#	ARTICLE	IF	CITATIONS
271	Metal ion-directed solution-phase tailoring: from large-area graphene oxide into nanoscale pieces. <i>Nanoscale Research Letters</i> , 2013, 8, 226.	3.1	6
272	Advances on the Use of Biodegradable Proteins/Peptides in Photothermal Theranostics. <i>Journal of Nanomaterials</i> , 2016, 2016, 1-10.	1.5	6
273	Plasmon-Accelerated Generation of Singlet Oxygen on an Au/MoS <sub>2</sub> Nanohybrid for Enhanced Photodynamic Killing of Bacterial Pathogens/Cancerous Cells. <i>ACS Applied Bio Materials</i> , 2022, 5, 747-760.	2.3	6
274	LRP11-AS1 promotes the proliferation and migration of triple negative breast cancer cells via the miR-149-3p/NRP2 axis. <i>Cancer Cell International</i> , 2022, 22, 116.	1.8	6
275	Facile synthesis of ternary CdMnS QD-based hollow nanospheres as fluorescent/magnetic probes for bioimaging. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1208-1212.	2.9	5
276	Cancer Theranostics: A Versatile Theranostic Nanoemulsion for Architecture-Dependent Multimodal Imaging and Dually Augmented Photodynamic Therapy ( <i>Adv. Mater.</i> 21/2019). <i>Advanced Materials</i> , 2019, 31, 1970155.	11.1	5
277	Comparison of Gold Nanospheres, Nanorods, Nanocages and Nanoflowers for Combined Photothermal-Radiotherapy of Cancer. <i>Nano</i> , 2021, 16, 2150037.	0.5	5
278	Photoregulated plasmon enhanced controllable hydrogen sulfide delivery for photothermal augmented gas therapy. <i>Applied Materials Today</i> , 2022, 26, 101313.	2.3	5
279	Integrating the Epigenome and Transcriptome of Hepatocellular Carcinoma to Identify Systematic Enhancer Aberrations and Establish an Aberrant Enhancer-Related Prognostic Signature. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 827657.	1.8	5
280	Metallo-Dye-Based Supramolecular Nanoassembly for NIR-II Cancer Theranostics. <i>Analytical Chemistry</i> , 2022, 94, 8399-8408.	3.2	5
281	When starvation therapy meets chemodynamic therapy. <i>ChemPhysMater</i> , 2022, 1, 264-280.	1.4	4
282	Preparation and stability of strongly luminescent CdSe/Cd(OH) <sub>2</sub> /SiO <sub>2</sub> nanocomposite particles in aqueous solution. <i>Colloid Journal</i> , 2008, 70, 734-739.	0.5	3
283	Preparation of surface dendrimer-modified gold nanorods by round-trip phase transfer ligand exchange. <i>Journal of Physics: Conference Series</i> , 2009, 188, 012031.	0.3	3
284	Controllable Synthesis of Iron Sulfide/CNT Nanocomposites in Solvothermal System. <i>Crystal Research and Technology</i> , 2019, 54, 1900029.	0.6	3
285	Deep Brain Stimulation for Parkinson's Disease During the COVID-19 Pandemic: Patient Perspective. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 628105.	1.0	3
286	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy ( <i>Angew. Chem.</i> 5/2017). <i>Angewandte Chemie</i> , 2017, 129, 1446-1446.	1.6	2
287	Graphene as 2D Nano-Theranostic Materials for Cancer. , 2018, , 97-124.		2
288	When Chemodynamic Therapy Meets Photodynamic Therapy: A Synergistic Combination of Cancer Treatments. <i>IEEE Nanotechnology Magazine</i> , 2021, 15, 29-43.	0.9	2

#	ARTICLE	IF	CITATIONS
289	A Self-Checking pH/Viscosity-Activatable NIR-II Molecule for Real-Time Evaluation of Photothermal Therapy Efficacy. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
290	Fluoroimmunoassay for antigen based on fluorescence quenching between quantum dots and gold nanoparticles. <i>Proceedings of SPIE</i> , 2010, , .	0.8	1
291	Photothermal Therapy: Reversibly Extracellular pH Controlled Cellular Uptake and Photothermal Therapy by PEGylated Mixed-Charge Gold Nanostars (Small 15/2015). <i>Small</i> , 2015, 11, 1738-1738.	5.2	1
292	Cover Image, Volume 10, Issue 3. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2018, 10, e1525.	3.3	1
293	Biodegradable Nanodots: Biodegradable Self-Assembled Ultrasmall Nanodots as Reactive Oxygen/Nitrogen Species Scavengers for Theranostic Application in Acute Kidney Injury (Small 8/2021). <i>Small</i> , 2021, 17, 2170033.	5.2	1
294	Simultaneous Detection of Multi-DNAs and Antigens Based on Self-Assembly of Quantum Dots and Carbon Nanotubes. , 0, , .		0
295	Activatable Theranostics. <i>Current Medicinal Chemistry</i> , 2019, 26, 1310-1310.	1.2	0
296	Cancer Theranostics: Six Birds with One Stone: Versatile Nanoporphyrin for Single-Laser-Triggered Synergistic Phototheranostics and Robust Immune Activation (Adv. Mater. 48/2020). <i>Advanced Materials</i> , 2020, 32, 2070360.	11.1	0
297	Light-Triggered Transformable Ferrous Ion Delivery System for Photothermal Primed Chemodynamic Therapy (Angew. Chem. 11/2021). <i>Angewandte Chemie</i> , 2021, 133, 6252-6252.	1.6	0
298	Frontispiz: Biomimetic Nanoemulsion for Synergistic Photodynamic Immunotherapy Against Hypoxic Breast Tumor. <i>Angewandte Chemie</i> , 2021, 133, .	1.6	0
299	Frontispiece: Biomimetic Nanoemulsion for Synergistic Photodynamic Immunotherapy Against Hypoxic Breast Tumor. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	7.2	0