

Huang-Hao Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/427913/publications.pdf>

Version: 2024-02-01

285
papers

24,917
citations

6233

80
h-index

8599

146
g-index

287
all docs

287
docs citations

287
times ranked

23012
citing authors

#	ARTICLE	IF	CITATIONS
1	A Graphene Platform for Sensing Biomolecules. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4785-4787.	7.2	1,801
2	All-inorganic perovskite nanocrystal scintillators. <i>Nature</i> , 2018, 561, 88-93.	13.7	1,274
3	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.	7.2	1,068
4	Synthesis of Copper Peroxide Nanodots for H ₂ O ₂ Self-Supplying Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2019, 141, 9937-9945.	6.6	759
5	Multifunctional Fe ₃ O ₄ @Polydopamine Core-Shell Nanocomposites for Intracellular mRNA Detection and Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2014, 8, 3876-3883.	7.3	599
6	Photoacoustic Imaging: Contrast Agents and Their Biomedical Applications. <i>Advanced Materials</i> , 2019, 31, e1805875.	11.1	468
7	Functional nucleic acid-based hydrogels for bioanalytical and biomedical applications. <i>Chemical Society Reviews</i> , 2016, 45, 1410-1431.	18.7	416
8	Self-assembly of DNA Nanohydrogels with Controllable Size and Stimuli-Responsive Property for Targeted Gene Regulation Therapy. <i>Journal of the American Chemical Society</i> , 2015, 137, 1412-1415.	6.6	406
9	Turn-On Fluorescence Sensor for Intracellular Imaging of Glutathione Using g-C ₃ N ₄ Nanosheet-MnO ₂ Sandwich Nanocomposite. <i>Analytical Chemistry</i> , 2014, 86, 3426-3434.	3.2	378
10	High-resolution X-ray luminescence extension imaging. <i>Nature</i> , 2021, 590, 410-415.	13.7	378
11	Metal Halide Perovskite Nanosheet for X-ray High-Resolution Scintillation Imaging Screens. <i>ACS Nano</i> , 2019, 13, 2520-2525.	7.3	346
12	Using graphene to protect DNA from cleavage during cellular delivery. <i>Chemical Communications</i> , 2010, 46, 3116.	2.2	339
13	Engineering Target-Responsive Hydrogels Based on Aptamer-Target Interactions. <i>Journal of the American Chemical Society</i> , 2008, 130, 6320-6321.	6.6	324
14	Graphitic-phase C ₃ N ₄ nanosheets as efficient photosensitizers and pH-responsive drug nanocarriers for cancer imaging and therapy. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1031.	2.9	298
15	Functionalization of metal nanoclusters for biomedical applications. <i>Analyst</i> , 2016, 141, 3126-3140.	1.7	279
16	Ultrasound-Activated Sensitizers and Applications. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14212-14233.	7.2	271
17	Co ₉ Se ₈ Nanoplates as a New Theranostic Platform for Photoacoustic/Magnetic Resonance Dual-Modal Imaging-Guided Chemo-Photothermal Combination Therapy. <i>Advanced Materials</i> , 2015, 27, 3285-3291.	11.1	265
18	Protein Recognition via Surface Molecularly Imprinted Polymer Nanowires. <i>Analytical Chemistry</i> , 2006, 78, 317-320.	3.2	251

#	ARTICLE	IF	CITATIONS
19	An Ultrasound Activated Vesicle of Janus Au@MnO Nanoparticles for Promoted Tumor Penetration and Sonochemodynamic Therapy of Orthotopic Liver Cancer. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1682-1688.	7.2	249
20	Mussel-inspired molecularly imprinted polymer coating superparamagnetic nanoparticles for protein recognition. <i>Journal of Materials Chemistry</i> , 2010, 20, 880-883.	6.7	247
21	Organic phosphors with bright triplet excitons for efficient X-ray-excited luminescence. <i>Nature Photonics</i> , 2021, 15, 187-192.	15.6	237
22	X-ray-activated nanosystems for theranostic applications. <i>Chemical Society Reviews</i> , 2019, 48, 3073-3101.	18.7	231
23	Amplified Aptamer-Based Assay through Catalytic Recycling of the Analyte. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8454-8457.	7.2	212
24	Sensing HIV related protein using epitope imprinted hydrophilic polymer coated quartz crystal microbalance. <i>Biosensors and Bioelectronics</i> , 2012, 31, 439-444.	5.3	212
25	Graphitic Carbon Nitride Materials: Sensing, Imaging and Therapy. <i>Small</i> , 2016, 12, 5376-5393.	5.2	195
26	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.	1.6	195
27	Facile Synthesis of Enhanced Fluorescent Gold-Silver Bimetallic Nanocluster and Its Application for Highly Sensitive Detection of Inorganic Pyrophosphatase Activity. <i>Analytical Chemistry</i> , 2016, 88, 8886-8892.	3.2	190
28	Recent Progress in NIR-II Contrast Agent for Biological Imaging. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 487.	2.0	183
29	Increasing the Sensitivity and Single-Base Mismatch Selectivity of the Molecular Beacon Using Graphene Oxide as the Nanoquencher. <i>Chemistry - A European Journal</i> , 2010, 16, 4889-4894.	1.7	181
30	Silver Nanolabels-Assisted Ion-Exchange Reaction with CdTe Quantum Dots Mediated Exciton Trapping for Signal-On Photoelectrochemical Immunoassay of Mycotoxins. <i>Analytical Chemistry</i> , 2016, 88, 7858-7866.	3.2	177
31	Endogenous Labile Iron Pool-Mediated Free Radical Generation for Cancer Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 15320-15330.	6.6	170
32	Black Phosphorus Quantum Dots with Renal Clearance Property for Efficient Photodynamic Therapy. <i>Small</i> , 2018, 14, 1702815.	5.2	168
33	Low-Dose X-ray Activation of W(VI)-Doped Persistent Luminescence Nanoparticles for Deep-Tissue Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1707496.	7.8	167
34	General Colorimetric Detection of Proteins and Small Molecules Based on Cyclic Enzymatic Signal Amplification and Hairpin Aptamer Probe. <i>Analytical Chemistry</i> , 2012, 84, 5309-5315.	3.2	165
35	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.	7.2	155
36	Yolk-Shell Nanostructures: Design, Synthesis, and Biomedical Applications. <i>Advanced Materials</i> , 2018, 30, 1704639.	11.1	153

#	ARTICLE	IF	CITATIONS
37	A Ratiometric Fluorescent Bioprobe Based on Carbon Dots and Acridone Derivate for Signal Amplification Detection Exosomal microRNA. <i>Analytical Chemistry</i> , 2018, 90, 8969-8976.	3.2	153
38	A mussel-inspired supramolecular hydrogel with robust tissue anchor for rapid hemostasis of arterial and visceral bleedings. <i>Bioactive Materials</i> , 2021, 6, 2829-2840.	8.6	152
39	Room-temperature synthesis of core-shell structured magnetic covalent organic frameworks for efficient enrichment of peptides and simultaneous exclusion of proteins. <i>Chemical Communications</i> , 2017, 53, 3649-3652.	2.2	144
40	Janus Nanoparticles: From Fabrication to (Bio)Applications. <i>ACS Nano</i> , 2021, 15, 6147-6191.	7.3	140
41	Topological insulator bismuth selenide as a theranostic platform for simultaneous cancer imaging and therapy. <i>Scientific Reports</i> , 2013, 3, 1998.	1.6	137
42	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.	6.6	132
43	Bioinspired Mineral-Organic Bone Adhesives for Stable Fracture Fixation and Accelerated Bone Regeneration. <i>Advanced Functional Materials</i> , 2020, 30, 1908381.	7.8	130
44	Hydrogen Gas from Inflammation Treatment to Cancer Therapy. <i>ACS Nano</i> , 2019, 13, 8505-8511.	7.3	124
45	Facile synthesis of enzyme-inorganic hybrid nanoflowers and their application as an immobilized trypsin reactor for highly efficient protein digestion. <i>RSC Advances</i> , 2014, 4, 13888-13891.	1.7	123
46	Facile synthesis of polydopamine-coated molecularly imprinted silica nanoparticles for protein recognition and separation. <i>Biosensors and Bioelectronics</i> , 2013, 47, 120-126.	5.3	122
47	Enzyme-Free and Label-Free Ultrasensitive Electrochemical Detection of Human Immunodeficiency Virus DNA in Biological Samples Based on Long-Range Self-Assembled DNA Nanostructures. <i>Analytical Chemistry</i> , 2012, 84, 8277-8283.	3.2	120
48	Highly Selective and Sensitive Electrochemiluminescence Biosensor for p53 DNA Sequence Based on Nicking Endonuclease Assisted Target Recycling and Hyperbranched Rolling Circle Amplification. <i>Analytical Chemistry</i> , 2016, 88, 5097-5103.	3.2	118
49	Dye-enhanced graphene oxide for photothermal therapy and photoacoustic imaging. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5762.	2.9	115
50	A universal multicolor immunosensor for semiquantitative visual detection of biomarkers with the naked eyes. <i>Biosensors and Bioelectronics</i> , 2017, 87, 122-128.	5.3	115
51	Equipping Natural Killer Cells with Specific Targeting and Checkpoint Blocking Aptamers for Enhanced Adoptive Immunotherapy in Solid Tumors. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12022-12028.	7.2	114
52	One-pot synthesis of an organic-inorganic hybrid affinity monolithic column for specific capture of glycoproteins. <i>Chemical Communications</i> , 2011, 47, 9675.	2.2	108
53	Semiautomated Support Photoelectrochemical Immunosensing Platform for Portable and High-Throughput Immunoassay Based on Au Nanocrystal Decorated Specific Crystal Facets BiVO ₄ Photoanode. <i>Analytical Chemistry</i> , 2016, 88, 12539-12546.	3.2	107
54	Yolk-Shell Nanostructure: An Ideal Architecture to Achieve Harmonious Integration of Magnetic-Plasmonic Hybrid Theranostic Platform. <i>Advanced Materials</i> , 2017, 29, 1606681.	11.1	106

#	ARTICLE	IF	CITATIONS
55	Nongenetic Approach for Imaging Protein Dimerization by Aptamer Recognition and Proximity-Induced DNA Assembly. <i>Journal of the American Chemical Society</i> , 2018, 140, 4186-4190.	6.6	106
56	Amplified Visualization of Protein-Specific Glycosylation in Zebrafish via Proximity-Induced Hybridization Chain Reaction. <i>Journal of the American Chemical Society</i> , 2018, 140, 16589-16595.	6.6	104
57	A silk-based sealant with tough adhesion for instant hemostasis of bleeding tissues. <i>Nanoscale Horizons</i> , 2019, 4, 1333-1341.	4.1	104
58	Bispecific Aptamer Induced Artificial Protein-Pairing: A Strategy for Selective Inhibition of Receptor Function. <i>Journal of the American Chemical Society</i> , 2019, 141, 12673-12681.	6.6	102
59	Stimuli-Responsive Nanoparticles for Controlled Drug Delivery in Synergistic Cancer Immunotherapy. <i>Advanced Science</i> , 2022, 9, e2103444.	5.6	102
60	Protein-Metal Organic Framework Hybrid Composites with Intrinsic Peroxidase-like Activity as a Colorimetric Biosensing Platform. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 29052-29061.	4.0	101
61	Ultrasensitive Homogeneous Electrochemical Biosensor for DNA Species Related to Oral Cancer Based on Nicking Endonuclease Assisted Target Recycling Amplification. <i>Analytical Chemistry</i> , 2015, 87, 9204-9208.	3.2	100
62	Synthesis of uniformly sized molecularly imprinted polymer-coated silica nanoparticles for selective recognition and enrichment of lysozyme. <i>Journal of Materials Chemistry</i> , 2012, 22, 17914.	6.7	99
63	Ultrasound activation of liposomes for enhanced ultrasound imaging and synergistic gas and sonodynamic cancer therapy. <i>Nanoscale Horizons</i> , 2019, 4, 747-756.	4.1	97
64	An inorganic prodrug, tellurium nanowires with enhanced ROS generation and GSH depletion for selective cancer therapy. <i>Chemical Science</i> , 2019, 10, 7068-7075.	3.7	97
65	Self-Assembled and Size-Controllable Oligonucleotide Nanospheres for Effective Antisense Gene Delivery through an Endocytosis-Independent Pathway. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5236-5240.	7.2	97
66	Molecularly imprinted polymer as SPE sorbent for selective extraction of melamine in dairy products. <i>Talanta</i> , 2009, 80, 821-825.	2.9	96
67	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.	4.6	96
68	A black phosphorus nanosheet-based siRNA delivery system for synergistic photothermal and gene therapy. <i>Chemical Communications</i> , 2018, 54, 3142-3145.	2.2	93
69	Two-dimensional tellurium nanosheets for photoacoustic imaging-guided photodynamic therapy. <i>Chemical Communications</i> , 2018, 54, 8579-8582.	2.2	93
70	Functionalizing Double-Network Hydrogels for Applications in Remote Actuation and in Low-Temperature Strain Sensing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30247-30258.	4.0	93
71	Mussel- and Barnacle Cement Proteins-Inspired Dual-Bionic Bioadhesive with Repeatable Wet-Tissue Adhesion, Multimodal Self-Healing, and Antibacterial Capability for Nonpressing Hemostasis and Promoted Wound Healing. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	93
72	Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR Luminescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18981-18986.	7.2	92

#	ARTICLE	IF	CITATIONS
73	A graphene oxide platform for energy transfer-based detection of protease activity. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3894-3899.	5.3	91
74	Logic-Gate-Actuated DNA-Controlled Receptor Assembly for the Programmable Modulation of Cellular Signal Transduction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18186-18190.	7.2	90
75	Copper Manganese Sulfide Nanoplates: A New Two-Dimensional Theranostic Nanoplatfor for MRI/MSOT Dual-Modal Imaging-Guided Photothermal Therapy in the Second Near-Infrared Window. <i>Theranostics</i> , 2017, 7, 4763-4776.	4.6	89
76	Synthesis of boronic acid-functionalized molecularly imprinted silica nanoparticles for glycoprotein recognition and enrichment. <i>Journal of Materials Chemistry B</i> , 2014, 2, 637-643.	2.9	88
77	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2021, 64, 171-203.	4.2	88
78	Near-Infrared Light-Triggered Sulfur Dioxide Gas Therapy of Cancer. <i>ACS Nano</i> , 2019, 13, 2103-2113.	7.3	86
79	Facile Phase Transfer and Surface Biofunctionalization of Hydrophobic Nanoparticles Using Janus DNA Tetrahedron Nanostructures. <i>Journal of the American Chemical Society</i> , 2015, 137, 11210-11213.	6.6	85
80	Artificial chimeric exosomes for anti-phagocytosis and targeted cancer therapy. <i>Chemical Science</i> , 2019, 10, 1555-1561.	3.7	85
81	Manganese-iron layered double hydroxide: a theranostic nanoplatfor with pH-responsive MRI contrast enhancement and drug release. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3629-3633.	2.9	83
82	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.	7.2	83
83	A signal amplification electrochemical aptasensor for the detection of breast cancer cell via free-running DNA walker. <i>Biosensors and Bioelectronics</i> , 2016, 85, 184-189.	5.3	80
84	Biomimetic Design of Hollow Flower-Like $\text{g-C}_3\text{N}_4$ @PDA Organic Framework Nanospheres for Realizing an Efficient Photoreactivity. <i>Small</i> , 2019, 15, e1900011.	5.2	80
85	Versatile surface engineering of porous nanomaterials with bioinspired polyphenol coatings for targeted and controlled drug delivery. <i>Nanoscale</i> , 2016, 8, 8600-8606.	2.8	78
86	Biologically Responsive Plasmonic Assemblies for Second Near-Infrared Window Photoacoustic Imaging-Guided Concurrent Chemo-Immunotherapy. <i>ACS Nano</i> , 2020, 14, 3991-4006.	7.3	78
87	Conductive Composite Fiber with Optimized Alignment Guides Neural Regeneration under Electrical Stimulation. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000604.	3.9	77
88	A simple and ultrasensitive electrochemical DNA biosensor based on DNA concatamers. <i>Chemical Communications</i> , 2011, 47, 12116.	2.2	76
89	Gold Nanoparticle-Decorated $\text{g-C}_3\text{N}_4$ Nanosheets for Controlled Generation of Reactive Oxygen Species upon 670 nm Laser Illumination. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 10589-10596.	4.0	75
90	NIR/ROS-Responsive Black Phosphorus QD Vesicles as Immunoadjuvant Carrier for Specific Cancer Photodynamic Immunotherapy. <i>Advanced Functional Materials</i> , 2020, 30, 1905758.	7.8	75

#	ARTICLE	IF	CITATIONS
91	An ultrasensitive signal-on electrochemical aptasensor via target-induced conjunction of split aptamer fragments. <i>Biosensors and Bioelectronics</i> , 2010, 25, 996-1000.	5.3	74
92	Repeatable deep-tissue activation of persistent luminescent nanoparticles by soft X-ray for high sensitivity long-term in vivo bioimaging. <i>Nanoscale</i> , 2017, 9, 2718-2722.	2.8	74
93	DNA Octahedron-Based Fluorescence Nanoprobe for Dual Tumor-Related mRNAs Detection and Imaging. <i>Analytical Chemistry</i> , 2018, 90, 12059-12066.	3.2	72
94	Enhanced Cellular Ablation by Attenuating Hypoxia Status and Reprogramming Tumor-Associated Macrophages via NIR Light-Responsive Upconversion Nanocrystals. <i>Bioconjugate Chemistry</i> , 2018, 29, 928-938.	1.8	71
95	Bifunctional superparamagnetic surface molecularly imprinted polymer core-shell nanoparticles. <i>Journal of Materials Chemistry</i> , 2009, 19, 1077.	6.7	70
96	Polyphenolâ€inspired Facile Construction of Smart Assemblies for ATPâ€and pHâ€Responsive Tumor MR/Optical Imaging and Photothermal Therapy. <i>Small</i> , 2017, 13, 1603997.	5.2	70
97	Single Wavelength Laser Excitation Ratiometric NIR-II Fluorescent Probe for Molecule Imaging in Vivo. <i>Analytical Chemistry</i> , 2020, 92, 6111-6120.	3.2	70
98	Silk fibroin-assisted exfoliation and functionalization of transition metal dichalcogenide nanosheets for antibacterial wound dressings. <i>Nanoscale</i> , 2017, 9, 17193-17198.	2.8	69
99	Smart Cu(II)-aptamer complexes based gold nanoplatforM for tumor micro-environment triggered programmable intracellular prodrug release, photodynamic treatment and aggregation induced photothermal therapy of hepatocellular carcinoma. <i>Theranostics</i> , 2017, 7, 164-179.	4.6	69
100	Near-infrared light-mediated rare-earth nanocrystals: recent advances in improving photon conversion and alleviating the thermal effect. <i>NPG Asia Materials</i> , 2018, 10, 685-702.	3.8	68
101	Exonuclease-Catalyzed Target Recycling Amplification and Immobilization-free Electrochemical Aptasensor. <i>Analytical Chemistry</i> , 2015, 87, 11826-11831.	3.2	66
102	A novel colorimetric assay for rapid detection of cysteine and Hg ²⁺ based on gold clusters. <i>Talanta</i> , 2016, 146, 71-74.	2.9	65
103	Recent Development in X-Ray Imaging Technology: Future and Challenges. <i>Research</i> , 2021, 2021, 9892152.	2.8	65
104	Singlet Oxygen Generation in Darkâ€Hypoxia by Catalytic Microenvironmentâ€Tailored Nanoreactors for NIRâ€Fluorescenceâ€Monitored Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15006-15012.	7.2	64
105	Water-Based Black Phosphorus Hybrid Nanosheets as a Moldable Platform for Wound Healing Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35495-35502.	4.0	63
106	Self-Quenched Metalâ€Organic Particles as Dual-Mode Therapeutic Agents for Photoacoustic Imaging-Guided Second Near-Infrared Window Photochemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 25203-25212.	4.0	63
107	Ag ⁺ -Coupled Black Phosphorus Vesicles with Emerging NIRâ€Photoacoustic Imaging Performance for Cancer Immuneâ€Dynamic Therapy and Fast Wound Healing. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22202-22209.	7.2	63
108	Plasmonic-Fluorescent Janus Ag/Ag ₂ S Nanoparticles for <i>In Situ</i> H ₂ O ₂ -Activated NIR-II Fluorescence Imaging. <i>Nano Letters</i> , 2021, 21, 2625-2633.	4.5	62

#	ARTICLE	IF	CITATIONS
109	Photogenerated Holes Mediated Nitric Oxide Production for Hypoxic Tumor Treatment. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7046-7050.	7.2	61
110	Chemotherapeutic Drug Based Metal-Organic Particles for Microvesicle-Mediated Deep Penetration and Programmable pH/NIR/Hypoxia Activated Cancer Photochemotherapy. <i>Advanced Science</i> , 2018, 5, 1700648.	5.6	60
111	GSH-Responsive Radiosensitizers with Deep Penetration Ability for Multimodal Imaging-Guided Synergistic Radio-Chemodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2101278.	7.8	60
112	Ultrasensitive detection of Cu ²⁺ with the naked eye and application in immunoassays. <i>NPG Asia Materials</i> , 2012, 4, e10-e10.	3.8	59
113	Click synthesis of glucose-functionalized hydrophilic magnetic mesoporous nanoparticles for highly selective enrichment of glycopeptides and glycans. <i>Journal of Chromatography A</i> , 2014, 1358, 29-38.	1.8	59
114	Homogeneous electrochemical aptasensor for mucin 1 detection based on exonuclease I-assisted target recycling amplification strategy. <i>Biosensors and Bioelectronics</i> , 2018, 117, 474-479.	5.3	59
115	Dual-enhanced photothermal conversion properties of reduced graphene oxide-coated gold superparticles for light-triggered acoustic and thermal theranostics. <i>Nanoscale</i> , 2016, 8, 2116-2122.	2.8	58
116	Magnetic targeted near-infrared II PA/MR imaging guided photothermal therapy to trigger cancer immunotherapy. <i>Theranostics</i> , 2020, 10, 4997-5010.	4.6	58
117	Light-activated gold nanorod vesicles with NIR-II fluorescence and photoacoustic imaging performances for cancer theranostics. <i>Theranostics</i> , 2020, 10, 4809-4821.	4.6	58
118	Plant Polyphenol-Assisted Green Synthesis of Hollow CoPt Alloy Nanoparticles for Dual-Modality Imaging Guided Photothermal Therapy. <i>Small</i> , 2016, 12, 1506-1513.	5.2	57
119	Tumor Microenvironment Activable Self-Assembled DNA Hybrids for pH and Redox Dual-Responsive Chemotherapy/PDT Treatment of Hepatocellular Carcinoma. <i>Advanced Science</i> , 2017, 4, 1600460.	5.6	56
120	Organic phosphorescent scintillation from copolymers by X-ray irradiation. <i>Nature Communications</i> , 2022, 13, .	5.8	55
121	Asymmetric Core-Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12560-12568.	7.2	54
122	Graphene and Nanogold-Functionalized Immunosensing Interface with Enhanced Sensitivity for One-Step Electrochemical Immunoassay of Alpha-Fetoprotein in Human Serum. <i>Electroanalysis</i> , 2010, 22, 2720-2728.	1.5	53
123	HCR-stimulated formation of DNAzyme concatamers on gold nanoparticle for ultrasensitive impedimetric immunoassay. <i>Biosensors and Bioelectronics</i> , 2015, 68, 487-493.	5.3	53
124	Kiwifruit-like Persistent Luminescent Nanoparticles with High-Performance and in Situ Activable Near-Infrared Persistent Luminescence for Long-Term in Vivo Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 41181-41187.	4.0	51
125	Broadband Detection of X-ray, Ultraviolet, and Near-Infrared Photons using Solution-Processed Perovskite-Lanthanide Nanotransducers. <i>Advanced Materials</i> , 2021, 33, e2101852.	11.1	51
126	Near-Infrared II Gold Nanocluster Assemblies with Improved Luminescence and Biocompatibility for In Vivo Ratiometric Imaging of H ₂ S. <i>Analytical Chemistry</i> , 2022, 94, 2641-2647.	3.2	51

#	ARTICLE	IF	CITATIONS
127	Targeted photothermal ablation of pathogenic bacterium, <i>Staphylococcus aureus</i> , with nanoscale reduced graphene oxide. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2496.	2.9	50
128	Quantitative Photoacoustic Diagnosis and Precise Treatment of Inflammation In Vivo Using Activatable Theranostic Nanoprobe. <i>Advanced Functional Materials</i> , 2020, 30, 2001771.	7.8	50
129	Quantitative Assessment of Copper(II) in Wilson's Disease Based on Photoacoustic Imaging and Ratiometric Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , 2021, 15, 3402-3414.	7.3	50
130	Recent Advances of Membrane-Cloaked Nanoplatfoms for Biomedical Applications. <i>Bioconjugate Chemistry</i> , 2018, 29, 838-851.	1.8	49
131	Grafting of molecularly imprinted polymers from the surface of silica gel particles via reversible addition-fragmentation chain transfer polymerization: A selective sorbent for theophylline. <i>Talanta</i> , 2009, 79, 141-145.	2.9	48
132	One-pot preparation of glutathione-silica hybrid monolith for mixed-mode capillary liquid chromatography based on thiol-ene-click chemistry. <i>Journal of Chromatography A</i> , 2014, 1355, 228-237.	1.8	48
133	High-efficiency X-ray luminescence in Eu^{3+} -activated tungstate nanoprobe for optical imaging through energy transfer sensitization. <i>Nanoscale</i> , 2018, 10, 1607-1612.	2.8	48
134	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20888-20896.	7.2	48
135	Graphitic carbon nitride supported platinum nanocomposites for rapid and sensitive colorimetric detection of mercury ions. <i>Analytica Chimica Acta</i> , 2017, 980, 72-78.	2.6	47
136	Homogeneous and label-free electrochemiluminescence aptasensor based on the difference of electrostatic interaction and exonuclease-assisted target recycling amplification. <i>Biosensors and Bioelectronics</i> , 2018, 105, 182-187.	5.3	47
137	A Highly Effective π - π Stacking Strategy To Modify Black Phosphorus with Aromatic Molecules for Cancer Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 9860-9871.	4.0	47
138	In Vivo X-ray Triggered Catalysis of H_2 Generation for Cancer Synergistic Gas Radiotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12868-12875.	7.2	47
139	A colorimetric mercury(II) assay based on the Hg(II)-stimulated peroxidase mimicking activity of a nanocomposite prepared from graphitic carbon nitride and gold nanoparticles. <i>Mikrochimica Acta</i> , 2019, 186, 7.	2.5	45
140	Light-Switchable Mesoporous Shell UCNP@MgSiO ₃ for Nitric Oxide-Evoked Multidrug Resistance Reversal in Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30066-30076.	4.0	45
141	Stimuli-Responsive Plasmonic Assemblies and Their Biomedical Applications. <i>Nano Today</i> , 2021, 36, 101014.	6.2	45
142	Nongenetic engineering strategies for regulating receptor oligomerization in living cells. <i>Chemical Society Reviews</i> , 2020, 49, 1545-1568.	18.7	44
143	High photoluminescent carbon based dots with tunable emission color from orange to green. <i>Nanoscale</i> , 2017, 9, 1028-1032.	2.8	43
144	Gadolinium oxysulfide-coated gold nanorods with improved stability and dual-modal magnetic resonance/photoacoustic imaging contrast enhancement for cancer theranostics. <i>Nanoscale</i> , 2017, 9, 56-61.	2.8	43

#	ARTICLE	IF	CITATIONS
145	Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal-Immuno-therapy Efficiency of Solid Tumors. <i>Small</i> , 2019, 15, e1902636.	5.2	43
146	Dye-Sensitized Downconversion Nanoprobes with Emission Beyond 1500 nm for Ratiometric Visualization of Cancer Redox State. <i>Advanced Functional Materials</i> , 2021, 31, 2009942.	7.8	43
147	Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14458-14466.	7.2	43
148	Organic Semiconductor Single Crystals for X-ray Imaging. <i>Advanced Materials</i> , 2021, 33, e2104749.	11.1	43
149	Engineering of tungsten carbide nanoparticles for imaging-guided single 1,064 nm laser-activated dual-type photodynamic and photothermal therapy of cancer. <i>Nano Research</i> , 2018, 11, 4859-4873.	5.8	42
150	An oxidative stress-responsive electrospun polyester membrane capable of releasing anti-bacterial and anti-inflammatory agents for postoperative anti-adhesion. <i>Journal of Controlled Release</i> , 2021, 335, 359-368.	4.8	42
151	Direct detection of circulating microRNAs in serum of cancer patients by coupling protein-facilitated specific enrichment and rolling circle amplification. <i>Chemical Communications</i> , 2014, 50, 3292-3295.	2.2	41
152	Manganese-phenolic network-coated black phosphorus nanosheets for theranostics combining magnetic resonance/photoacoustic dual-modal imaging and photothermal therapy. <i>Chemical Communications</i> , 2019, 55, 850-853.	2.2	40
153	Switch-conversional ratiometric fluorescence biosensor for miRNA detection. <i>Biosensors and Bioelectronics</i> , 2020, 155, 112104.	5.3	40
154	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.	5.8	39
155	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, 1699-1705.	1.6	38
156	Cytosolic Delivery of Thiolated Mn-GAMP Nanovaccine to Enhance the Antitumor Immune Responses. <i>Small</i> , 2021, 17, e2006970.	5.2	38
157	Magnetothermally Triggered Free-Radical Generation for Deep-Seated Tumor Treatment. <i>Nano Letters</i> , 2021, 21, 2926-2931.	4.5	38
158	Site-Specific Biomimicry of Antioxidative Melanin Formation and Its Application for Acute Liver Injury Therapy and Imaging. <i>Advanced Materials</i> , 2021, 33, e2102391.	11.1	38
159	Nucleic acid-based molecular computation heads towards cellular applications. <i>Chemical Society Reviews</i> , 2021, 50, 12551-12575.	18.7	38
160	Simple colorimetric bacterial detection and high-throughput drug screening based on a graphene-enzyme complex. <i>Nanoscale</i> , 2013, 5, 619-623.	2.8	36
161	From Endocytosis to Nonendocytosis: The Emerging Era of Gene Delivery. <i>ACS Applied Bio Materials</i> , 2020, 3, 2686-2701.	2.3	36
162	Imaging of Receptor Dimers in Zebrafish and Living Cells via Aptamer Recognition and Proximity-Induced Hybridization Chain Reaction. <i>Analytical Chemistry</i> , 2018, 90, 14433-14438.	3.2	35

#	ARTICLE	IF	CITATIONS
163	Enhancing Antitumor Efficacy by Simultaneous ATP-Responsive Chemodrug Release and Cancer Cell Sensitization Based on a Smart Nanoagent. <i>Advanced Science</i> , 2018, 5, 1801201.	5.6	35
164	A fast synthetic strategy for high-quality atomically thin antimonene with ultrahigh sonication power. <i>Nano Research</i> , 2018, 11, 5968-5977.	5.8	35
165	Self-Assembled mRNA-Responsive DNA Nanosphere for Bioimaging and Cancer Therapy in Drug-Resistant Cells. <i>Analytical Chemistry</i> , 2020, 92, 11779-11785.	3.2	35
166	DNA-mediated reversible capture and release of circulating tumor cells with a multivalent dual-specific aptamer coating network. <i>Chemical Communications</i> , 2019, 55, 5387-5390.	2.2	34
167	Cytosolic Delivery of Thiolated Neoantigen Nano-Vaccine Combined with Immune Checkpoint Blockade to Boost Anti-Cancer T Cell Immunity. <i>Advanced Science</i> , 2021, 8, 2003504.	5.6	34
168	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, 2218-2229.	4.2	34
169	One-pot synthesis of phenylboronic acid-functionalized core-shell magnetic nanoparticles for selective enrichment of glycoproteins. <i>RSC Advances</i> , 2012, 2, 5062.	1.7	33
170	Sensitive fluorescence immunoassay of alpha-fetoprotein through copper ions modulated growth of quantum dots in-situ. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 408-413.	4.0	33
171	Bioinspired "Active-Stealth" Magneto-Nanomicelles for Theranostics Combining Efficient MRI and Enhanced Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30502-30509.	4.0	33
172	Sensitive detection of telomerase activity in cancer cells using portable pH meter as readout. <i>Biosensors and Bioelectronics</i> , 2018, 121, 153-158.	5.3	33
173	Functional Self-Assembled DNA Nanohydrogels for Specific Telomerase Activity Imaging and Telomerase-Activated Antitumor Gene Therapy. <i>Analytical Chemistry</i> , 2020, 92, 15179-15186.	3.2	33
174	<i>In Situ</i> Activatable Ratiometric NIR-II Fluorescence Nanoprobe for Quantitative Detection of H ₂ S in Colon Cancer. <i>Analytical Chemistry</i> , 2021, 93, 9356-9363.	3.2	33
175	A novel sensitive detection platform for antitumor herbal drug aloe-emodin based on the graphene modified electrode. <i>Talanta</i> , 2010, 83, 553-558.	2.9	32
176	Label-free and ultrasensitive electrochemiluminescence detection of microRNA based on long-range self-assembled DNA nanostructures. <i>Mikrochimica Acta</i> , 2014, 181, 731-736.	2.5	32
177	Reducing PD-L1 expression with a self-assembled nanodrug: an alternative to PD-L1 antibody for enhanced chemo-immunotherapy. <i>Theranostics</i> , 2021, 11, 1970-1981.	4.6	32
178	Immobilization free electrochemical biosensor for folate receptor in cancer cells based on terminal protection. <i>Biosensors and Bioelectronics</i> , 2016, 86, 496-501.	5.3	31
179	Active Self-Assembly of Train-Shaped DNA Nanostructures via Catalytic Hairpin Assembly Reactions. <i>Small</i> , 2019, 15, e1901795.	5.2	31
180	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.	4.2	31

#	ARTICLE	IF	CITATIONS
181	Wireless Optogenetic Modulation of Cortical Neurons Enabled by Radioluminescent Nanoparticles. ACS Nano, 2021, 15, 5201-5208.	7.3	31
182	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
183	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
184	X-ray sensitive high-Z metal nanocrystals for cancer imaging and therapy. Nano Research, 2021, 14, 3744-3755.	5.8	29
185	An Activatable Hybrid Organic-Inorganic Nanocomposite as Early Evaluation System of Therapy Effect. Angewandte Chemie - International Edition, 2022, 61, .	7.2	29
186	A Graphene Platform for Sensitive Electrochemical Immunoassay of Carcinoembryonic Antigen Based on Gold Nanoflower Biolabels. Electroanalysis, 2011, 23, 832-841.	1.5	28
187	Multiplex detection of nucleases by a graphene-based platform. Journal of Materials Chemistry, 2011, 21, 10915.	6.7	27
188	Light-Induced Activation of β -Met Signalling by Photocontrolled DNA Assembly. Chemistry - A European Journal, 2018, 24, 15988-15992.	1.7	27
189	X-ray Nanocrystal Scintillator-Based Aptasensor for Autofluorescence-Free Detection. Analytical Chemistry, 2019, 91, 10149-10155.	3.2	27
190	Black Phosphorus Nanosheets for Killing Bacteria through Nanoknife Effect. Particle and Particle Systems Characterization, 2020, 37, 2000169.	1.2	27
191	Study on the electrochemical catalytic properties of the topological insulator Bi ₂ Se ₃ . Biosensors and Bioelectronics, 2013, 46, 171-174.	5.3	25
192	Switchable Bifunctional Stimuli-Triggered Poly(N-isopropylacrylamide)/DNA Hydrogels. Angewandte Chemie, 2014, 126, 10298-10302.	1.6	24
193	Unique Fluorescent Imaging Probe for Bacterial Surface Localization and Resistant Enzyme Imaging. ACS Chemical Biology, 2018, 13, 1890-1896.	1.6	24
194	Plasmonic gold nanoagents for cancer imaging and therapy. View, 2021, 2, 20200149.	2.7	24
195	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
196	Aptamer-based self-assembled supramolecular vesicles for pH-responsive targeted drug delivery. Science China Chemistry, 2017, 60, 628-634.	4.2	23
197	A Simple Assay for Ultrasensitive Colorimetric Detection of Ag ⁺ at Picomolar Levels Using Platinum Nanoparticles. Sensors, 2017, 17, 2521.	2.1	23
198	Self-Assembled and Size-Controllable Oligonucleotide Nanospheres for Effective Antisense Gene Delivery through an Endocytosis-Independent Pathway. Angewandte Chemie, 2019, 131, 5290-5294.	1.6	23

#	ARTICLE	IF	CITATIONS
199	Magnetic Nanomaterials for Magnetic Bioanalysis. , 2019, , 89-109.		23
200	Autofluorescence-Free Immunoassay Using X-ray Scintillating Nanotags. Analytical Chemistry, 2018, 90, 6992-6997.	3.2	22
201	Light-Controlled, Toehold-Mediated Logic Circuit for Assembly of DNA Tiles. ACS Applied Materials & Interfaces, 2020, 12, 6336-6342.	4.0	22
202	An Activatable X-ray Scintillating Luminescent Nanoprobe for Early Diagnosis and Progression Monitoring of Thrombosis in Live Rat. Advanced Functional Materials, 2021, 31, 2006353.	7.8	22
203	Engineered Nanoscale Vanadium Metallo-drugs for Robust Tumor-specific Imaging and Therapy. Advanced Functional Materials, 2021, 31, 2010337.	7.8	22
204	Highly Controlled Janus Organic-inorganic Nanocomposite as a Versatile Photoacoustic Platform. Angewandte Chemie - International Edition, 2021, 60, 17647-17653.	7.2	22
205	NIR-Photoacoustic Reporter for Biopsy-free and Real-time Assessment of Wilson's Disease. Small, 2021, 17, e2008061.	5.2	22
206	Biodiversity and oil degradation capacity of oil-degrading bacteria isolated from deep-sea hydrothermal sediments of the South Mid-Atlantic Ridge. Marine Pollution Bulletin, 2021, 171, 112770.	2.3	22
207	Efficient detection of secondary structure folded nucleic acids related to Alzheimer's disease based on junction probes. Biosensors and Bioelectronics, 2012, 36, 142-146.	5.3	21
208	A facile approach for preparation of molecularly imprinted polymers layer on the surface of carbon nanotubes. Talanta, 2013, 105, 403-408.	2.9	21
209	Logic-Gate-Actuated DNA-Controlled Receptor Assembly for the Programmable Modulation of Cellular Signal Transduction. Angewandte Chemie, 2019, 131, 18354-18358.	1.6	21
210	One-pot synthesis of gold nanostars using plant polyphenols for cancer photoacoustic imaging and photothermal therapy. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	20
211	Bifunctional magnetic nanoparticles for efficient cholesterol detection and elimination via host-guest chemistry in real samples. Biosensors and Bioelectronics, 2018, 120, 137-143.	5.3	20
212	Generating lung-metastatic osteosarcoma targeting aptamers for in vivo and clinical tissue imaging. Talanta, 2018, 188, 66-73.	2.9	20
213	Nanoformulation of metal complexes: Intelligent stimuli-responsive platforms for precision therapeutics. Nano Research, 2018, 11, 5474-5498.	5.8	20
214	An electrochemical sensor based on enzyme-free recycling amplification for sensitive and specific detection of miRNAs from cancer cells. Analyst, The, 2020, 145, 3353-3358.	1.7	20
215	FeOOH-loaded mesoporous silica nanoparticles as a theranostic platform with pH-responsive MRI contrast enhancement and drug release. Science China Chemistry, 2018, 61, 806-811.	4.2	19
216	Aluminium glycinate functionalized silica nanoparticles for highly specific separation of phosphoproteins. Journal of Materials Chemistry B, 2015, 3, 6528-6535.	2.9	18

#	ARTICLE	IF	CITATIONS
217	Monodisperse phase transfer and surface bioengineering of metal nanoparticles via a silk fibroin protein corona. <i>Nanoscale</i> , 2017, 9, 2695-2700.	2.8	18
218	Semipermeable Functional DNA-Encapsulated Nanocapsules as Protective Bioreactors for Biosensing in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 5389-5394.	3.2	18
219	Reconstruction and evaluation of oil-degrading consortia isolated from sediments of hydrothermal vents in the South Mid-Atlantic Ridge. <i>Scientific Reports</i> , 2021, 11, 1456.	1.6	18
220	Target-induced biomolecular release for sensitive aptamer-based electrochemical detection of small molecules from magnetic graphene. <i>RSC Advances</i> , 2011, 1, 40.	1.7	17
221	Near-Infrared Light Activated Thermosensitive Ion Channel to Remotely Control Transgene System for Thrombolysis Therapy. <i>Small</i> , 2019, 15, e1901176.	5.2	17
222	Equipping Natural Killer Cells with Specific Targeting and Checkpoint Blocking Aptamers for Enhanced Adoptive Immunotherapy in Solid Tumors. <i>Angewandte Chemie</i> , 2020, 132, 12120-12126.	1.6	17
223	Disulfide-Containing Molecular Sticker Assists Cellular Delivery of DNA Nanoassemblies by Bypassing Endocytosis. <i>CCS Chemistry</i> , 2021, 3, 1178-1186.	4.6	17
224	NIR-II Fluorescent Biodegradable Nanoprobes for Precise Acute Kidney/Liver Injury Imaging and Therapy. <i>Analytical Chemistry</i> , 2021, 93, 13893-13903.	3.2	17
225	Activated molecular probes for enzyme recognition and detection. <i>Theranostics</i> , 2022, 12, 1459-1485.	4.6	17
226	Polydopamine-mediated immobilization of phenylboronic acid on magnetic microspheres for selective enrichment of glycoproteins and glycopeptides. <i>Science China Chemistry</i> , 2015, 58, 1056-1064.	4.2	16
227	Circular DNA: a stable probe for highly efficient mRNA imaging and gene therapy in living cells. <i>Chemical Communications</i> , 2018, 54, 896-899.	2.2	16
228	Building Block Symmetry Relegation Induces Mesopore and Abundant Open-Metal Sites in Metal-Organic Frameworks for Cancer Therapy. <i>CCS Chemistry</i> , 2022, 4, 996-1006.	4.6	16
229	Improving the sensitivity of T_1 contrast-enhanced MRI and sensitive diagnosing tumors with ultralow doses of MnO octahedrons. <i>Theranostics</i> , 2021, 11, 6966-6982.	4.6	16
230	Neodymium (3+) Coordinated Black Phosphorus Quantum Dots with Retrievable NIR/X-Ray Optoelectronic Switching Effect for Anti-Glioblastoma. <i>Small</i> , 2022, 18, e2105160.	5.2	15
231	Activatable Nanoprobe with Aggregation-Induced Dual Fluorescence and Photoacoustic Signal Enhancement for Tumor Precision Imaging and Radiotherapy. <i>Analytical Chemistry</i> , 2022, 94, 5204-5211.	3.2	15
232	Acridone Derivate Simultaneously Featuring Multiple Functions and Its Applications. <i>Analytical Chemistry</i> , 2019, 91, 8406-8414.	3.2	14
233	Diversity of Cultivable Microbes From Soil of the Fildes Peninsula, Antarctica, and Their Potential Application. <i>Frontiers in Microbiology</i> , 2020, 11, 570836.	1.5	14
234	H_2O_2 -Responsive Nanogel for Enhancing Chemodynamic Therapy. <i>ChemNanoMat</i> , 2020, 6, 1054-1058.	1.5	14

#	ARTICLE	IF	CITATIONS
235	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.	1.6	14
236	Multistage Cooperative Nanodrug Combined with PD-L1 for Enhancing Antitumor Chemoimmunotherapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101199.	3.9	14
237	Systematic Interrogation of Cellular Signaling in Live Cells Using a Membrane-Anchored DNA Multitasking Processor. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	14
238	Spatial Regulation of Biomolecular Interactions with a Switchable Trident-Shaped DNA Nanoactuator. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32579-32587.	4.0	13
239	Jungle on the Electrode: A Target-Induced Enzyme-Free and Label-Free Biosensor. <i>Analytical Chemistry</i> , 2019, 91, 13712-13719.	3.2	13
240	Emerging Plasmonic Assemblies Triggered by DNA for Biomedical Applications. <i>Advanced Functional Materials</i> , 2021, 31, 2005709.	7.8	13
241	Enhancing therapeutic effects and <i>in vivo</i> tracking of adipose tissue-derived mesenchymal stem cells for liver injury using bioorthogonal click chemistry. <i>Nanoscale</i> , 2021, 13, 1813-1822.	2.8	13
242	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.	1.6	13
243	DNA-Based Artificial Signaling System Mimicking the Dimerization of Receptors for Signal Transduction and Amplification. <i>Analytical Chemistry</i> , 2021, 93, 13807-13814.	3.2	13
244	Mesoporous radiosensitized nanoprobe for enhanced NIR-II photoacoustic imaging-guided accurate radio-chemotherapy. <i>Nano Research</i> , 2022, 15, 4154-4163.	5.8	13
245	siRNA-Based Carrier-Free System for Synergistic Chemo/Chemodynamic/RNAi Therapy of Drug-Resistant Tumors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 361-372.	4.0	13
246	Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR-II Luminescence Imaging. <i>Angewandte Chemie</i> , 2019, 131, 19157-19162.	1.6	12
247	Novel electrochemical nanoswitch biosensor based on self-assembled pH-sensitive continuous circular DNA. <i>Biosensors and Bioelectronics</i> , 2019, 131, 274-279.	5.3	12
248	Rational design of a prodrug to inhibit self-inflammation for cancer treatment. <i>Nanoscale</i> , 2021, 13, 5817-5825.	2.8	12
249	Enzyme-free amplified detection of microRNA using target-catalyzed hairpin assembly and magnesium ion-dependent deoxyribozyme. <i>Science China Chemistry</i> , 2015, 58, 1906-1911.	4.2	11
250	Ultraschallaktivierte Sensibilisatoren. <i>Angewandte Chemie</i> , 2020, 132, 14316-14338.	1.6	11
251	DNA-Templated Glycan Labeling for Monitoring Receptor Spatial Distribution in Living Cells. <i>Analytical Chemistry</i> , 2021, 93, 12265-12272.	3.2	11
252	Aptamer-Induced-Dimerization Strategy Attenuates Al ²⁺ O Toxicity through Modulating the Trophic Activity of PrP ^C Signaling. <i>Journal of the American Chemical Society</i> , 2022, 144, 9264-9270.	6.6	11

#	ARTICLE	IF	CITATIONS
253	Immunotherapy: Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal-ImmunoTherapy Efficiency of Solid Tumors (Small) Tj ETQq1 1 0.784314 rgBto/Overlo		
254	Asymmetric Core-Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. <i>Angewandte Chemie</i> , 2021, 133, 12668-12676.	1.6	10
255	A Cyanine-Mediated Self-Assembly System for the Construction of a Two-in-One Nanodrug. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21226-21230.	7.2	10
256	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-Fluorescence Imaging. <i>Angewandte Chemie</i> , 2021, 133, 21056-21064.	1.6	10
257	Host-guest assembly of adamantyl tethered squaraine in β -cyclodextrin for monitoring pH in living cells. <i>RSC Advances</i> , 2014, 4, 52690-52693.	1.7	9
258	Fullerene-Structural Carbon-Based Dots from C_{60} Molecules and their Optical Properties. <i>Particle and Particle Systems Characterization</i> , 2016, 33, 916-923.	1.2	9
259	Multifunctional human serum albumin-modified reduced graphene oxide for targeted photothermal therapy of hepatocellular carcinoma. <i>RSC Advances</i> , 2016, 6, 11167-11175.	1.7	9
260	Photodynamic therapy: When van der Waals heterojunction meets tumor. <i>Chemical Engineering Journal</i> , 2021, 421, 129773.	6.6	9
261	Biodegradable Black-Phosphorus-Nanosheet-Based Nanoagent for Enhanced Chemo-Photothermal Therapy. <i>Particle and Particle Systems Characterization</i> , 2020, 37, 2000243.	1.2	8
262	Multifunctional Carbon Monoxide Prodrug-Loaded Nanoplatforms for Effective Photoacoustic Imaging-Guided Photothermal/Gas Synergistic Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 4557-4564.	2.3	8
263	Cellular transformers for targeted therapy. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114032.	6.6	8
264	Flexible X-ray luminescence imaging enabled by cerium-sensitized nanoscintillators. <i>Journal of Luminescence</i> , 2022, 242, 118589.	1.5	8
265	Synergistic Silencing of Skp2 by siRNA Self-Assembled Nanoparticles as a Therapeutic Strategy for Advanced Prostate Cancer. <i>Small</i> , 2022, 18, e2106046.	5.2	8
266	Dual inhibition of glycolysis and oxidative phosphorylation by aptamer-based artificial enzyme for synergistic cancer therapy. <i>Nano Research</i> , 2022, 15, 6278-6287.	5.8	8
267	Characterization of novel cyclic lipopeptides produced by <i>Bacillus</i> sp. SY27F. <i>Process Biochemistry</i> , 2019, 83, 206-213.	1.8	7
268	Spatiotemporal-Controlled Reporter for Cell-Surface Proteolytic Enzyme Activity Visualization. <i>ChemBioChem</i> , 2019, 20, 561-567.	1.3	6
269	Cytotoxic study in the treatment of tetracycline by using magnetic Fe_3O_4 -PAMAM-antibody complexes. <i>Environmental Chemistry Letters</i> , 2019, 17, 543-549.	8.3	6
270	In Vivo X-ray Triggered Catalysis of H ₂ Generation for Cancer Synergistic Gas Radiotherapy. <i>Angewandte Chemie</i> , 2021, 133, 12978-12985.	1.6	6

#	ARTICLE	IF	CITATIONS
271	Highly Controlled Janus Organic-Inorganic Nanocomposite as a Versatile Photoacoustic Platform. <i>Angewandte Chemie</i> , 2021, 133, 17788-17794.	1.6	6
272	Rational design of a hollow multilayer heterogeneous organic framework for photochemical applications. <i>Materials Chemistry Frontiers</i> , 2020, 4, 2646-2654.	3.2	6
273	An Activatable Hybrid Organic-Inorganic Nanocomposite as Early Evaluation System of Therapy Effect. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
274	Bacilohydrin A, a New Cytotoxic Cyclic Lipopeptide of Surfactins Class Produced by <i>Bacillus</i> sp. SY27F from the Indian Ocean Hydrothermal Vent. <i>Natural Product Communications</i> , 2019, 14, 1934578X1901400.	0.2	4
275	Iron phosphide nanoparticles as a pH-responsive T_1 contrast agent for magnetic resonance tumor imaging. <i>RSC Advances</i> , 2019, 9, 30581-30584.	1.7	4
276	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.	1.6	4
277	A Perovskite-Based Paper Microfluidic Sensor for Haloalkane Assays. <i>Frontiers in Chemistry</i> , 2021, 9, 682006.	1.8	4
278	Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. <i>Angewandte Chemie</i> , 2021, 133, 14579-14587.	1.6	4
279	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.	1.6	3
280	Photogenerated Holes Mediated Nitric Oxide Production for Hypoxic Tumor Treatment. <i>Angewandte Chemie</i> , 2021, 133, 7122-7126.	1.6	3
281	Systematic Interrogation of Cellular Signaling in Live Cells Using a Membrane-Anchored DNA Multitasking Processor. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	3
282	Selective and Nongenetic Peroxidase Tag of Membrane Protein: a Nucleic Acid Tool for Proximity Labeling. <i>Analytical Chemistry</i> , 2022, 94, 1101-1107.	3.2	3
283	A Cyanine-Mediated Self-Assembly System for the Construction of a Two-in-One Nanodrug. <i>Angewandte Chemie</i> , 2021, 133, 21396-21400.	1.6	1
284	Antithrombotic Therapies: Near-Infrared Light Activated Thermosensitive Ion Channel to Remotely Control Transgene System for Thrombolysis Therapy (Small 27/2019). <i>Small</i> , 2019, 15, 1970146.	5.2	0
285	Upconversion Nanomaterials for Near-infrared Light-Mediated Theranostics. , 2019, , 321-340.		0