

Huang-Hao Yang

List of Publications by Year in Descending Order

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

277
papers

16,891
citations

65
h-index

122
g-index

287
ext. papers

20,726
ext. citations

10.8
avg, IF

7.09
L-index

#	Paper	IF	Citations
277	Activated molecular probes for enzyme recognition and detection.. <i>Theranostics</i> , 2022 , 12, 1459-1485	12.1	1
276	Near-Infrared II Gold Nanocluster Assemblies with Improved Luminescence and Biofate for In Vivo Ratiometric Imaging of HS.. <i>Analytical Chemistry</i> , 2022 ,	7.8	7
275	Flexible X-ray luminescence imaging enabled by cerium-sensitized nanoscintillators. <i>Journal of Luminescence</i> , 2022 , 242, 118589	3.8	3
274	Synergistic Silencing of Skp2 by siRNA Self-Assembled Nanoparticles as a Therapeutic Strategy for Advanced Prostate Cancer.. <i>Small</i> , 2022 , 18, e2106046	11	0
273	Stimuli-Responsive Nanoparticles for Controlled Drug Delivery in Synergistic Cancer Immunotherapy.. <i>Advanced Science</i> , 2021 , e2103444	13.6	13
272	A NO-Responsive Ratiometric Fluorescent Nanoprobe for Monitoring Drug-Induced Liver Injury in the Second Near-Infrared Window. <i>Analytical Chemistry</i> , 2021 , 93, 15279-15287	7.8	6
271	Ultrasound-propelled Janus Au NR-mSiO ₂ nanomotor for NIR-II photoacoustic imaging guided sonodynamic-gas therapy of large tumors. <i>Science China Chemistry</i> , 2021 , 64, 2218	7.9	7
270	Neodymium (3+)-Coordinated Black Phosphorus Quantum Dots with Retrievable NIR/X-Ray Optoelectronic Switching Effect for Anti-Glioblastoma. <i>Small</i> , 2021 , e2105160	11	3
269	Nucleic acid-based molecular computation heads towards cellular applications. <i>Chemical Society Reviews</i> , 2021 , 50, 12551-12575	58.5	6
268	NIR-II Fluorescent Biodegradable Nanoprobes for Precise Acute Kidney/Liver Injury Imaging and Therapy. <i>Analytical Chemistry</i> , 2021 , 93, 13893-13903	7.8	4
267	DNA-Based Artificial Signaling System Mimicking the Dimerization of Receptors for Signal Transduction and Amplification. <i>Analytical Chemistry</i> , 2021 , 93, 13807-13814	7.8	2
266	Cellular transformers for targeted therapy. <i>Advanced Drug Delivery Reviews</i> , 2021 , 179, 114032	18.5	3
265	Cytosolic Delivery of Thiolated Mn-cGAMP Nanovaccine to Enhance the Antitumor Immune Responses. <i>Small</i> , 2021 , 17, e2006970	11	8
264	Magnetothermally Triggered Free-Radical Generation for Deep-Seated Tumor Treatment. <i>Nano Letters</i> , 2021 , 21, 2926-2931	11.5	17
263	X-ray sensitive high-Z metal nanocrystals for cancer imaging and therapy. <i>Nano Research</i> , 2021 , 14, 3744 ¹⁰		5
262	Plasmonic-Fluorescent Janus Ag/AgS Nanoparticles for HO-Activated NIR-II Fluorescence Imaging. <i>Nano Letters</i> , 2021 , 21, 2625-2633	11.5	18
261	Janus Nanoparticles: From Fabrication to (Bio)Applications. <i>ACS Nano</i> , 2021 , 15, 6147-6191	16.7	39

260	GSH-Responsive Radiosensitizers with Deep Penetration Ability for Multimodal Imaging-Guided Synergistic Radio-Chemodynamic Cancer Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2101278	15.6	18
259	Asymmetric Core-Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. <i>Angewandte Chemie</i> , 2021 , 133, 12668-12676	3.6	3
258	Asymmetric Core-Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12560-12568	16.4	19
257	A Perovskite-Based Paper Microfluidic Sensor for Haloalkane Assays. <i>Frontiers in Chemistry</i> , 2021 , 9, 682006	0.6	1
256	In Vivo X-ray Triggered Catalysis of H ₂ Generation for Cancer Synergistic Gas Radiotherapy. <i>Angewandte Chemie</i> , 2021 , 133, 12978-12985	3.6	1
255	Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. <i>Angewandte Chemie</i> , 2021 , 133, 14579-14587	3.6	1
254	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	16.4	13
253	Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 14458-14466	16.4	14
252	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15006-15012	16.4	23
251	Multifunctional Carbon Monoxide Prodrug-Loaded Nanoplatfoms for Effective Photoacoustic Imaging-Guided Photothermal/Gas Synergistic Therapy.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 4557-4564	4.1	3
250	Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie</i> , 2021 , 133, 15133-15139	3.6	7
249	Broadband Detection of X-ray, Ultraviolet, and Near-Infrared Photons using Solution-Processed Perovskite-Lanthanide Nanotransducers. <i>Advanced Materials</i> , 2021 , 33, e2101852	24	15
248	Highly Controlled Janus Organic-Inorganic Nanocomposite as a Versatile Photoacoustic Platform. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17647-17653	16.4	7
247	NIR-II Photoacoustic Reporter for Biopsy-Free and Real-Time Assessment of Wilson Disease. <i>Small</i> , 2021 , 17, e2008061	11	10
246	Highly Controlled Janus Organic-Inorganic Nanocomposite as a Versatile Photoacoustic Platform. <i>Angewandte Chemie</i> , 2021 , 133, 17788-17794	3.6	3
245	Site-Specific Biomimicry of Antioxidative Melanin Formation and Its Application for Acute Liver Injury Therapy and Imaging. <i>Advanced Materials</i> , 2021 , 33, e2102391	24	11
244	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	11.7	14
243	Stimuli-Responsive Plasmonic Assemblies and Their Biomedical Applications. <i>Nano Today</i> , 2021 , 36, 101014-101014	11.4	14

242	A New Class of NIR-II Gold Nanocluster-Based Protein Biolabels for In Vivo Tumor-Targeted Imaging. <i>Angewandte Chemie</i> , 2021 , 133, 1326-1332	3.6	5
241	Dual Ratiometric SERS and Photoacoustic Core-Satellite Nanoprobe for Quantitatively Visualizing Hydrogen Peroxide in Inflammation and Cancer. <i>Angewandte Chemie</i> , 2021 , 133, 7399-7408	3.6	1
240	Dual Ratiometric SERS and Photoacoustic Core-Satellite Nanoprobe for Quantitatively Visualizing Hydrogen Peroxide in Inflammation and Cancer. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7323-7332	16.4	32
239	Emerging Plasmonic Assemblies Triggered by DNA for Biomedical Applications. <i>Advanced Functional Materials</i> , 2021 , 31, 2005709	15.6	7
238	Conductive Composite Fiber with Optimized Alignment Guides Neural Regeneration under Electrical Stimulation. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2000604	10.1	29
237	Photogenerated Holes Mediated Nitric Oxide Production for Hypoxic Tumor Treatment. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7046-7050	16.4	31
236	An Activatable X-Ray Scintillating Luminescent Nanoprobe for Early Diagnosis and Progression Monitoring of Thrombosis in Live Rat. <i>Advanced Functional Materials</i> , 2021 , 31, 2006353	15.6	7
235	A bioinspired mineral-organic composite hydrogel as a self-healable and mechanically robust bone graft for promoting bone regeneration. <i>Chemical Engineering Journal</i> , 2021 , 413, 127512	14.7	7
234	A New Class of NIR-II Gold Nanocluster-Based Protein Biolabels for In Vivo Tumor-Targeted Imaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1306-1312	16.4	54
233	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	16.7	16
232	Organic phosphors with bright triplet excitons for efficient X-ray-excited luminescence. <i>Nature Photonics</i> , 2021 , 15, 187-192	33.9	83
231	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	12.1	13
230	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	4.9	6
229	Rational design of a prodrug to inhibit self-inflammation for cancer treatment. <i>Nanoscale</i> , 2021 , 13, 5817-5825	7.7	5
228	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	13.6	10
227	Enhancing therapeutic effects and tracking of adipose tissue-derived mesenchymal stem cells for liver injury using bioorthogonal click chemistry. <i>Nanoscale</i> , 2021 , 13, 1813-1822	7.7	5
226	Photogenerated Holes Mediated Nitric Oxide Production for Hypoxic Tumor Treatment. <i>Angewandte Chemie</i> , 2021 , 133, 7122-7126	3.6	3
225	Engineered Nanoscale Vanadium Metallodrugs for Robust Tumor-Specific Imaging and Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2010337	15.6	11

224	Dye-Sensitized Downconversion Nanoprobes with Emission Beyond 1500 nm for Ratiometric Visualization of Cancer Redox State. <i>Advanced Functional Materials</i> , 2021 , 31, 2009942	15.6	13
223	Wireless Optogenetic Modulation of Cortical Neurons Enabled by Radioluminescent Nanoparticles. <i>ACS Nano</i> , 2021 , 15, 5201-5208	16.7	7
222	High-resolution X-ray luminescence extension imaging. <i>Nature</i> , 2021 , 590, 410-415	50.4	113
221	Disulfide-Containing Molecular Sticker Assists Cellular Delivery of DNA Nanoassemblies by Bypassing Endocytosis. <i>CCS Chemistry</i> , 2021 , 3, 1178-1186	7.2	6
220	Activatable Ratiometric NIR-II Fluorescence Nanoprobe for Quantitative Detection of HS in Colon Cancer. <i>Analytical Chemistry</i> , 2021 , 93, 9356-9363	7.8	11
219	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	16.4	2
218	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. <i>Angewandte Chemie</i> , 2021 , 133, 21056-21064	3.6	2
217	Multistage Cooperative Nanodrug Combined with PD-L1 for Enhancing Antitumor Chemoimmunotherapy. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2101199	10.1	3
216	A Cyanine-Mediated Self-Assembly System for the Construction of a Two-in-One Nanodrug. <i>Angewandte Chemie</i> , 2021 , 133, 21396-21400	3.6	
215	In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20888-20896	16.4	12
214	Organic Semiconductor Single Crystals for X-ray Imaging. <i>Advanced Materials</i> , 2021 , 33, e2104749	24	14
213	DNA-Templated Glycan Labeling for Monitoring Receptor Spatial Distribution in Living Cells. <i>Analytical Chemistry</i> , 2021 , 93, 12265-12272	7.8	3
212	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	16.7	61
211	Photodynamic therapy: When van der Waals heterojunction meets tumor. <i>Chemical Engineering Journal</i> , 2021 , 421, 129773	14.7	2
210	Biodiversity and oil degradation capacity of oil-degrading bacteria isolated from deep-sea hydrothermal sediments of the South Mid-Atlantic Ridge. <i>Marine Pollution Bulletin</i> , 2021 , 171, 112770	6.7	7
209	Improving the sensitivity of contrast-enhanced MRI and sensitive diagnosing tumors with ultralow doses of MnO octahedrons. <i>Theranostics</i> , 2021 , 11, 6966-6982	12.1	3
208	An Activatable Hybrid Organic-Inorganic Nanocomposite as Early Evaluation System of Therapy Effect. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	2
207	Recent Development in X-Ray Imaging Technology: Future and Challenges.. <i>Research</i> , 2021 , 2021, 9892152	15.2	7

206	Biodegradable Black-Phosphorus-Nanosheet-Based Nanoagent for Enhanced Chemo-Photothermal Therapy. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 2000243	3.1	3
205	Light-Switchable Yolk-Mesoporous Shell UCNP@MgSiO ₂ for Nitric Oxide-Evoked Multidrug Resistance Reversal in Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 30066-30076	9.5	21
204	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	9.5	42
203	Activatable nanoscale metal-organic framework for ratiometric photoacoustic imaging of hydrogen sulfide and orthotopic colorectal cancer in vivo. <i>Science China Chemistry</i> , 2020 , 63, 1315-1322	7.9	19
202	An electrochemical sensor based on enzyme-free recycling amplification for sensitive and specific detection of miRNAs from cancer cells. <i>Analytical Chemistry</i> , 2020 , 92, 6111-6120	5	12
201	Biologically Responsive Plasmonic Assemblies for Second Near-Infrared Window Photoacoustic Imaging-Guided Concurrent Chemo-Immunotherapy. <i>ACS Nano</i> , 2020 , 14, 3991-4006	16.7	50
200	Single Wavelength Laser Excitation Ratiometric NIR-II Fluorescent Probe for Molecule Imaging in Vivo. <i>Analytical Chemistry</i> , 2020 , 92, 6111-6120	7.8	37
199	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	16.4	61
198	Quantum Dot-Based Sensitization System for Boosted Photon Absorption and Enhanced Second Near-Infrared Luminescence of Lanthanide-Doped Nanoparticle. <i>Analytical Chemistry</i> , 2020 , 92, 6094-6102	7.8	17
197	Switch-conversional ratiometric fluorescence biosensor for miRNA detection. <i>Biosensors and Bioelectronics</i> , 2020 , 155, 112104	11.8	15
196	Nongenetic engineering strategies for regulating receptor oligomerization in living cells. <i>Chemical Society Reviews</i> , 2020 , 49, 1545-1568	58.5	25
195	H ₂ O ₂ -Responsive Nanogel for Enhancing Chemodynamic Therapy. <i>ChemNanoMat</i> , 2020 , 6, 1054-1058	3.5	9
194	Magnetic targeted near-infrared II PA/MR imaging guided photothermal therapy to trigger cancer immunotherapy. <i>Theranostics</i> , 2020 , 10, 4997-5010	12.1	34
193	Rational design of a hollow multilayer heterogeneous organic framework for photochemical applications. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2646-2654	7.8	4
192	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	3.6	22
191	An Ultrasound Activated Vesicle of Janus Au-MnO Nanoparticles for Promoted Tumor Penetration and Sono-Chemodynamic Therapy of Orthotopic Liver Cancer. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1682-1688	16.4	147
190	NIR/ROS-Responsive Black Phosphorus QD Vesicles as Immunoadjuvant Carrier for Specific Cancer Photodynamic Immunotherapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1905758	15.6	56
189	Light-Controlled, Toehold-Mediated Logic Circuit for Assembly of DNA Tiles. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 6336-6342	9.5	11

188	Bioinspired Mineral/Organic Bone Adhesives for Stable Fracture Fixation and Accelerated Bone Regeneration. <i>Advanced Functional Materials</i> , 2020 , 30, 1908381	15.6	58
187	Diversity of Cultivable Microbes From Soil of the Fildes Peninsula, Antarctica, and Their Potential Application. <i>Frontiers in Microbiology</i> , 2020 , 11, 570836	5.7	6
186	Black Phosphorus Nanosheets for Killing Bacteria through Nanoknife Effect. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 2000169	3.1	9
185	From Endocytosis to Nonendocytosis: The Emerging Era of Gene Delivery.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2686-2701	4.1	22
184	Quantitative Photoacoustic Diagnosis and Precise Treatment of Inflammation In Vivo Using Activatable Theranostic Nanoprobe. <i>Advanced Functional Materials</i> , 2020 , 30, 2001771	15.6	27
183	Self-Assembled mRNA-Responsive DNA Nanosphere for Bioimaging and Cancer Therapy in Drug-Resistant Cells. <i>Analytical Chemistry</i> , 2020 , 92, 11779-11785	7.8	15
182	Functional Self-Assembled DNA Nanohydrogels for Specific Telomerase Activity Imaging and Telomerase-Activated Antitumor Gene Therapy. <i>Analytical Chemistry</i> , 2020 , 92, 15179-15186	7.8	10
181	Ag -Coupled Black Phosphorus Vesicles with Emerging NIR-II Photoacoustic Imaging Performance for Cancer Immune-Dynamic Therapy and Fast Wound Healing. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 22202-22209	16.4	33
180	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	23.6	3
179	Dual activated NIR-II fluorescence and photoacoustic imaging-guided cancer chemo-radiotherapy using hybrid plasmonic-fluorescent assemblies. <i>Nano Research</i> , 2020 , 13, 3268-3277	10	16
178	Endogenous Labile Iron Pool-Mediated Free Radical Generation for Cancer Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15320-15330	16.4	69
177	Ultraschallaktivierte Sensibilisatoren. <i>Angewandte Chemie</i> , 2020 , 132, 14316-14338	3.6	7
176	Ultrasound-Activated Sensitizers and Applications. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 14212-14233	16.4	108
175	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	3.6	12
174	Light-activated gold nanorod vesicles with NIR-II fluorescence and photoacoustic imaging performances for cancer theranostics. <i>Theranostics</i> , 2020 , 10, 4809-4821	12.1	36
173	Nucleic Acids Analysis. <i>Science China Chemistry</i> , 2020 , 64, 1-33	7.9	33
172	Artificial chimeric exosomes for anti-phagocytosis and targeted cancer therapy. <i>Chemical Science</i> , 2019 , 10, 1555-1561	9.4	51
171	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	5.8	31

170	Ultrasound activation of liposomes for enhanced ultrasound imaging and synergistic gas and sonodynamic cancer therapy. <i>Nanoscale Horizons</i> , 2019 , 4, 747-756	10.8	62
169	Active Self-Assembly of Train-Shaped DNA Nanostructures via Catalytic Hairpin Assembly Reactions. <i>Small</i> , 2019 , 15, e1901795	11	21
168	An inorganic prodrug, tellurium nanowires with enhanced ROS generation and GSH depletion for selective cancer therapy. <i>Chemical Science</i> , 2019 , 10, 7068-7075	9.4	46
167	Acridone Derivate Simultaneously Featuring Multiple Functions and Its Applications. <i>Analytical Chemistry</i> , 2019 , 91, 8406-8414	7.8	6
166	Synthesis of Copper Peroxide Nanodots for HO Self-Supplying Chemodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9937-9945	16.4	419
165	X-ray-activated nanosystems for theranostic applications. <i>Chemical Society Reviews</i> , 2019 , 48, 3073-3101	158.5	104
164	Near-Infrared Light Activated Thermosensitive Ion Channel to Remotely Control Transgene System for Thrombolysis Therapy. <i>Small</i> , 2019 , 15, e1901176	11	9
163	Self-Assembled Responsive Bilayered Vesicles with Adjustable Oxidative Stress for Enhanced Cancer Imaging and Therapy. <i>Journal of the American Chemical Society</i> , 2019 , 141, 8158-8170	16.4	93
162	Upconversion Nanomaterials for Near-infrared Light-Mediated Theranostics 2019 , 321-340		
161	Biomimetic Design of Hollow Flower-Like g-C ₃ N ₄ @PDA Organic Framework Nanospheres for Realizing an Efficient Photoreactivity. <i>Small</i> , 2019 , 15, e1900011	11	52
160	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	5.8	26
159	Bacillohydrin 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, 1934578X	190	1403
158	Novel electrochemical nanoswitch biosensor based on self-assembled pH-sensitive continuous circular DNA. <i>Biosensors and Bioelectronics</i> , 2019 , 131, 274-279	11.8	9
157	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	16.4	54
156	Metal Halide Perovskite Nanosheet for X-ray High-Resolution Scintillation Imaging Screens. <i>ACS Nano</i> , 2019 , 13, 2520-2525	16.7	218
155	Self-Assembled and Size-Controllable Oligonucleotide Nanospheres for Effective Antisense Gene Delivery through an Endocytosis-Independent Pathway. <i>Angewandte Chemie</i> , 2019 , 131, 5290-5294	3.6	14
154	Recent Progress in NIR-II Contrast Agent for Biological Imaging. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 487	5.8	89
153	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	16.4	54

152	X-ray Nanocrystal Scintillator-Based Aptasensor for Autofluorescence-Free Detection. <i>Analytical Chemistry</i> , 2019 , 91, 10149-10155	7.8	14
151	Hydrogen Gas from Inflammation Treatment to Cancer Therapy. <i>ACS Nano</i> , 2019 , 13, 8505-8511	16.7	63
150	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	11	
149	A silk-based sealant with tough adhesion for instant hemostasis of bleeding tissues. <i>Nanoscale Horizons</i> , 2019 , 4, 1333-1341	10.8	54
148	Characterization of novel cyclic lipopeptides produced by Bacillus sp. SY27F. <i>Process Biochemistry</i> , 2019 , 83, 206-213	4.8	3
147	Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR-II Luminescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 18981-18986	16.4	64
146	Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal-Immunotherapy Efficiency of Solid Tumors. <i>Small</i> , 2019 , 15, e1902636	11	28
145	Logic-Gate-Actuated DNA-Controlled Receptor Assembly for the Programmable Modulation of Cellular Signal Transduction. <i>Angewandte Chemie</i> , 2019 , 131, 18354-18358	3.6	13
144	Jungle on the Electrode: A Target-Induced Enzyme-Free and Label-Free Biosensor. <i>Analytical Chemistry</i> , 2019 , 91, 13712-13719	7.8	6
143	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	16.4	53
142	Immunotherapy: Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal-Immunotherapy Efficiency of Solid Tumors (Small 42/2019). <i>Small</i> , 2019 , 15, 1970228	11	4
141	Cooperation of endogenous and exogenous reactive oxygen species induced by zinc peroxide nanoparticles to enhance oxidative stress-based cancer therapy. <i>Theranostics</i> , 2019 , 9, 7200-7209	12.1	49
140	Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR-II Luminescence Imaging. <i>Angewandte Chemie</i> , 2019 , 131, 19157-19162	3.6	10
139	Gold Nanoparticle-Decorated g-CN Nanosheets for Controlled Generation of Reactive Oxygen Species upon 670 nm Laser Illumination. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 10589-10596	9.5	46
138	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	9.5	33
137	Iron phosphide nanoparticles as a pH-responsive contrast agent for magnetic resonance tumor imaging.. <i>RSC Advances</i> , 2019 , 9, 30581-30584	3.7	3
136	Magnetic Nanomaterials for Magnetic Bioanalysis 2019 , 89-109		10
135	Near-Infrared Light-Triggered Sulfur Dioxide Gas Therapy of Cancer. <i>ACS Nano</i> , 2019 , 13, 2103-2113	16.7	70

134	Spatiotemporal-Controlled Reporter for Cell-Surface Proteolytic Enzyme Activity Visualization. <i>ChemBioChem</i> , 2019 , 20, 561-567	3.8	4
133	Cytotoxic study in the treatment of tetracycline by using magnetic Fe ₃ O ₄ @AMAM-antibody complexes. <i>Environmental Chemistry Letters</i> , 2019 , 17, 543-549	13.3	4
132	Photoacoustic Imaging: Contrast Agents and Their Biomedical Applications. <i>Advanced Materials</i> , 2019 , 31, e1805875	24	209
131	Recent Advances of Membrane-Cloaked Nanoplatforms for Biomedical Applications. <i>Bioconjugate Chemistry</i> , 2018 , 29, 838-851	6.3	31
130	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	15.6	120
129	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	6.3	53
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126	A black phosphorus nanosheet-based siRNA delivery system for synergistic photothermal and gene therapy. <i>Chemical Communications</i> , 2018 , 54, 3142-3145	5.8	74
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123	High-efficiency X-ray luminescence in Eu-activated tungstate nanoprobe for optical imaging through energy transfer sensitization. <i>Nanoscale</i> , 2018 , 10, 1607-1612	7.7	36
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113	Nanoformulation of metal complexes: Intelligent stimuli-responsive platforms for precision therapeutics. <i>Nano Research</i> , 2018 , 11, 5474-5498	10	13
112	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	10	31
111	All-inorganic perovskite nanocrystal scintillators. <i>Nature</i> , 2018 , 561, 88-93	50.4	773
110	A fast synthetic strategy for high-quality atomically thin antimonene with ultrahigh sonication power. <i>Nano Research</i> , 2018 , 11, 5968-5977	10	24
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108	Black Phosphorus Quantum Dots with Renal Clearance Property for Efficient Photodynamic Therapy. <i>Small</i> , 2018 , 14, 1702815	11	136
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