Peng Huang

List of Publications by Year in Descending Order

289 papers	23,918 citations	74 h-index	149 g-index
313 ext. papers	28,567 ext. citations	12.1 avg, IF	7.52 L-index

#	Paper	IF	Citations
289	In-situ TiO decoration of titanium carbide MXene for photo/sono-responsive antitumor theranostics.. *Journal of Nanobiotechnology*, **2022**, 20, 53	9.4	5
288	Nanozyme catalyzed cascade reaction for enhanced chemodynamic therapy of low-H2O2 tumor. *Applied Materials Today*, **2022**, 26, 101357	6.6	2
287	Photoregulated plasmon enhanced controllable hydrogen sulfide delivery for photothermal augmented gas therapy. *Applied Materials Today*, **2022**, 26, 101313	6.6	2
286	Near-infrared probes for luminescence lifetime imaging.. *Nanotheranostics*, **2022**, 6, 91-102	5.6	1
285	Bioactive NIR-II Light-Responsive Shape Memory Composite Based on Cuprorivaite Nanosheets for Endometrial Regeneration.. *Advanced Science*, **2022**, e2102220	13.6	5
284	Integrating the Epigenome and Transcriptome of Hepatocellular Carcinoma to Identify Systematic Enhancer Aberrations and Establish an Aberrant Enhancer-Related Prognostic Signature.. *Frontiers in Cell and Developmental Biology*, **2022**, 10, 827657	5.7	0
283	Multiscale Hierarchical Architecture-Based Bioactive Scaffolds for Versatile Tissue Engineering.. *Advanced Healthcare Materials*, **2022**, e2102837	10.1	3
282	Enzyme-Engineered Conjugated Polymer Nanoplatform for Activatable Companion Diagnostics and Multi-Stage Augmented Synergistic Therapy.. *Advanced Materials*, **2022**, e2200062	24	10
281	In vivo three-dimensional multispectral photoacoustic imaging of dual enzyme-driven cyclic cascade reaction for tumor catalytic therapy.. *Nature Communications*, **2022**, 13, 1298	17.4	13
280	LRP11-AS1 promotes the proliferation and migration of triple negative breast cancer cells via the miR-149-3p/NRP2 axis.. *Cancer Cell International*, **2022**, 22, 116	6.4	0
279	Protective effect of platinum nano-antioxidant and nitric oxide against hepatic ischemia-reperfusion injury.. *Nature Communications*, **2022**, 13, 2513	17.4	5
278	Genome-wide methylation and expression analyses reveal the epigenetic landscape of immune-related diseases for tobacco smoking. *Clinical Epigenetics*, **2021**, 13, 215	7.7	5
277	Integrative Analysis of Epigenome and Transcriptome Data Reveals Aberrantly Methylated Promoters and Enhancers in Hepatocellular Carcinoma. *Frontiers in Oncology*, **2021**, 11, 769390	5.3	4
276	In Situ Sprayed Starvation/chemodynamic Therapeutic Gel for Post-surgical Treatment of IDH1 Glioma. *Advanced Materials*, **2021**, e2103980	24	8
275	Dye-loaded mesoporous polydopamine nanoparticles for multimodal tumor theranostics with enhanced immunogenic cell death. *Journal of Nanobiotechnology*, **2021**, 19, 365	9.4	4
274	Multifunctional Magnesium Organic Framework-Based Microneedle Patch for Accelerating Diabetic Wound Healing. *ACS Nano*, **2021**,	16.7	21
273	Clinically translatable gold nanozymes with broad spectrum antioxidant and anti-inflammatory activity for alleviating acute kidney injury. *Theranostics*, **2021**, 11, 9904-9917	12.1	3

272	A Versatile Calcium Phosphate Nanogenerator for Tumor Microenvironment-activated Cancer Synergistic Therapy. *Advanced Healthcare Materials*, **2021**, 10, e2101563	10.1	6
271	Intercalation-Driven Formation of siRNA Nanogels for Cancer Therapy. *Nano Letters*, **2021**, 21, 9706-9714	11.5	5
270	Manganese-Dioxide-Coating-Instructed Plasmonic Modulation of Gold Nanorods for Activatable Duplex-Imaging-Guided NIR-II Photothermal-Chemodynamic Therapy. *Advanced Materials*, **2021**, 33, e2008540	24	69
269	Comparison of Gold Nanospheres, Nanorods, Nanocages and Nanoflowers for Combined Photothermal-Radiotherapy of Cancer. *Nano*, **2021**, 16, 2150037	1.1	2
268	3D Printed Enzyme-Functionalized Scaffold Facilitates Diabetic Bone Regeneration. *Advanced Functional Materials*, **2021**, 31, 2101372	15.6	10
267	Enhancing Light and X-Ray Charging in Persistent Luminescence Nanocrystals for Orthogonal Afterglow Anti-Counterfeiting. *Advanced Functional Materials*, **2021**, 31, 2009920	15.6	21
266	Biomimetic Nanoemulsion for Synergistic Photodynamic-Immunotherapy Against Hypoxic Breast Tumor. *Angewandte Chemie - International Edition*, **2021**, 60, 10647-10653	16.4	24
265	Deep Brain Stimulation for Parkinson© Disease During the COVID-19 Pandemic: Patient Perspective. *Frontiers in Human Neuroscience*, **2021**, 15, 628105	3.3	3
264	Multi-enzyme mimetic ultrasmall iridium nanozymes as reactive oxygen/nitrogen species scavengers for acute kidney injury management. *Biomaterials*, **2021**, 271, 120706	15.6	20
263	Dual-Stimuli-Responsive Nanotheranostics for Dual-Targeting Photothermal-Enhanced Chemotherapy of Tumor. *ACS Applied Materials & Interfaces*, **2021**, 13, 22204-22212	9.5	11
262	STING-activating drug delivery systems: Design strategies and biomedical applications. *Chinese Chemical Letters*, **2021**, 32, 1615-1625	8.1	3
261	Inorganic cancer phototheranostics in second biowindow. *APL Materials*, **2021**, 9, 070901	5.7	2
260	Cancer nanotheranostics in the second near-infrared window. *View*, **2021**, 2, 20200075	7.8	17
259	Ultrasmall platinum nanozymes as broad-spectrum antioxidants for theranostic application in acute kidney injury. *Chemical Engineering Journal*, **2021**, 409, 127371	14.7	8
258	Highly photostable croconium dye-anchored cell membrane vesicle for tumor pH-responsive duplex imaging-guided photothermal therapy. *Biomaterials*, **2021**, 267, 120454	15.6	17
257	Light-triggered plasmonic vesicles with enhanced catalytic activity of glucose oxidase for programmable photothermal/starvation therapy. *Science China Materials*, **2021**, 64, 1291-1301	7.1	8
256	Light-Triggered Transformable Ferrous Ion Delivery System for Photothermal Primed Chemodynamic Therapy. *Angewandte Chemie - International Edition*, **2021**, 60, 6047-6054	16.4	42
255	Non-invasive monitoring of in vivo bone regeneration based on alkaline phosphatase-responsive scaffolds. *Chemical Engineering Journal*, **2021**, 408, 127959	14.7	11

254	Tumor-Specific Activatable Nanocarriers with Gas-Generation and Signal Amplification Capabilities for Tumor Theranostics. *ACS Nano*, **2021**, 15, 1627-1639	16.7	28
253	Recent advances in fluorescence imaging of alkaline phosphatase. *Chinese Chemical Letters*, **2021**, 32, 1316-1330	8.1	5
252	Chemotherapeutic drug-DNA hybrid nanostructures for anti-tumor therapy. *Materials Horizons*, **2021**, 8, 78-101	14.4	19
251	Nanocatalytic Theranostics with Glutathione Depletion and Enhanced Reactive Oxygen Species Generation for Efficient Cancer Therapy. *Advanced Materials*, **2021**, 33, e2006892	24	142
250	Biodegradable Calcium Phosphate Nanotheranostics with Tumor-Specific Activatable Cascade Catalytic Reactions-Augmented Photodynamic Therapy. *Advanced Functional Materials*, **2021**, 31, 2009848	15.6	57
249	Biodegradable Self-Assembled Ultrasmall Nanodots as Reactive Oxygen/Nitrogen Species Scavengers for Theranostic Application in Acute Kidney Injury. *Small*, **2021**, 17, e2005113	11	12
248	Biodegradable Nanodots: Biodegradable Self-Assembled Ultrasmall Nanodots as Reactive Oxygen/Nitrogen Species Scavengers for Theranostic Application in Acute Kidney Injury (Small 8/2021). *Small*, **2021**, 17, 2170033	11	0
247	Graphene-semiconductor nanocomposites for cancer phototherapy. *Biomedical Materials (Bristol)*, **2021**, 16, 022007	3.5	4
246	R□ktitelbild: Light-Triggered Transformable Ferrous Ion Delivery System for Photothermal Primed Chemodynamic Therapy (Angew. Chem. 11/2021). *Angewandte Chemie*, **2021**, 133, 6252-6252	3.6	
245	Light-Triggered Transformable Ferrous Ion Delivery System for Photothermal Primed Chemodynamic Therapy. *Angewandte Chemie*, **2021**, 133, 6112-6119	3.6	3
244	Biomimetic Nanoemulsion for Synergistic Photodynamic-Immunotherapy Against Hypoxic Breast Tumor. *Angewandte Chemie*, **2021**, 133, 10742-10748	3.6	3
243	Weaving Enzymes with Polymeric Shells for Biomedical Applications. *Advanced Materials*, **2021**, 33, e2008438	24	4
242	When Chemodynamic Therapy Meets Photodynamic Therapy: A Synergistic Combination of Cancer Treatments. *IEEE Nanotechnology Magazine*, **2021**, 15, 29-43	1.7	2
241	3D Printed Wesselsite Nanosheets Functionalized Scaffold Facilitates NIR-II Photothermal Therapy and Vascularized Bone Regeneration. *Advanced Science*, **2021**, 8, e2100894	13.6	16
240	Mild hyperthermia-enhanced chemo-photothermal synergistic therapy using doxorubicin-loaded gold nanovesicles. *Chinese Chemical Letters*, **2021**, 32, 2411-2414	8.1	7
239	Prussian blue-based theranostics for ameliorating acute kidney injury. *Journal of Nanobiotechnology*, **2021**, 19, 266	9.4	8
238	NIR-II light-responsive biodegradable shape memory composites based on cuprorivaite nanosheets for enhanced tissue reconstruction. *Chemical Engineering Journal*, **2021**, 419, 129437	14.7	7
237	Metal peroxides for cancer treatment. *Bioactive Materials*, **2021**, 6, 2698-2710	16.7	16

236	Conquering the Hypoxia Limitation for Photodynamic Therapy. *Advanced Materials*, **2021**, 33, e2103978	24	41
235	Inorganic Nanomaterials with Intrinsic Singlet Oxygen Generation for Photodynamic Therapy. *Advanced Science*, **2021**, 8, e2102587	13.6	11
234	Engineering Bacteria and Bionic Bacterial Derivatives with Nanoparticles for Cancer Therapy.. *Small* , **2021**, e2104643	11	1
233	Activatable NIR-II Fluorescence Probe for Highly Sensitive and Selective Visualization of Glutathione .. *Analytical Chemistry*, **2021**, 93, 17103-17109	7.8	5
232	Programmable NIR-II Photothermal-Enhanced Starvation-Primed Chemodynamic Therapy using Glucose Oxidase-Functionalized Ancient Pigment Nanosheets. *Small*, **2020**, 16, e2001518	11	83
231	Biodegradable titanium nitride MXene quantum dots for cancer phototheranostics in NIR-I/II biowindows. *Chemical Engineering Journal*, **2020**, 400, 126009	14.7	66
230	Recent Advances on Graphene Quantum Dots for Bioimaging Applications. *Frontiers in Chemistry*, **2020**, 8, 424	5	73
229	A dual-round signal amplification strategy for colorimetric/photoacoustic/fluorescence triple read-out detection of prostate specific antigen. *Chemical Communications*, **2020**, 56, 4942-4945	5.8	7
228	Biomimetic hybrid membrane-based nanoplatforms: synthesis, properties and biomedical applications. *Nanoscale Horizons*, **2020**, 5, 1293-1302	10.8	25
227	Melanin-instructed biomimetic synthesis of copper sulfide for cancer phototheranostics. *Chemical Engineering Journal*, **2020**, 388, 124232	14.7	12
226	Gold-Nanobipyramid-Based Nanotheranostics for Dual-Modality Imaging-Guided Phototherapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 12541-12548	9.5	18
225	Programmable starving-photodynamic synergistic cancer therapy. *Science China Materials*, **2020**, 63, 611-619	7.1	15
224	Functional Magnetic Graphene Composites for Biosensing. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	21
223	Ultrasound-Enhanced Chemo-Photodynamic Combination Therapy by Using Albumin "Nanoglue"-Based Nanotheranostics. *ACS Nano*, **2020**, 14, 5560-5569	16.7	43
222	Selenium-Doped Carbon Quantum Dots Act as Broad-Spectrum Antioxidants for Acute Kidney Injury Management. *Advanced Science*, **2020**, 7, 2000420	13.6	48
221	Ultrasmall Rhodium Nanozyme with RONS Scavenging and Photothermal Activities for Anti-Inflammation and Antitumor Theranostics of Colon Diseases. *Nano Letters*, **2020**, 20, 3079-3089	11.5	51
220	Genome-wide DNA methylation analysis reveals significant impact of long-term ambient air pollution exposure on biological functions related to mitochondria and immune response. *Environmental Pollution*, **2020**, 264, 114707	9.3	21
219	Integrative treatment of anti-tumor/bone repair by combination of MoS2 nanosheets with 3D printed bioactive borosilicate glass scaffolds. *Chemical Engineering Journal*, **2020**, 396, 125081	14.7	26

218	Polypeptide-Based Theranostics with Tumor-Microenvironment-Activatable Cascade Reaction for Chemo-ferroptosis Combination Therapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 20271-20280	9.5	32
217	Tumor pH-responsive metastable-phase manganese sulfide nanotheranostics for traceable hydrogen sulfide gas therapy primed chemodynamic therapy. *Theranostics*, **2020**, 10, 2453-2462	12.1	67
216	Cobalt carbide-based theranostic agents for in vivo multimodal imaging guided photothermal therapy. *Nanoscale*, **2020**, 12, 7174-7179	7.7	11
215	Liver-targeted delivery of TSG-6 by calcium phosphate nanoparticles for the management of liver fibrosis. *Theranostics*, **2020**, 10, 36-49	12.1	25
214	Glucose Oxidase-Instructed Traceable Self-Oxygenation/Hyperthermia Dually Enhanced Cancer Starvation Therapy. *Theranostics*, **2020**, 10, 1544-1554	12.1	78
213	Plasmon-activated nanozymes with enhanced catalytic activity by near-infrared light irradiation. *Chemical Communications*, **2020**, 56, 1784-1787	5.8	13
212	Dual-stimuli responsive nanotheranostics for mild hyperthermia enhanced inhibition of Wnt/□catenin signaling. *Biomaterials*, **2020**, 232, 119709	15.6	22
211	Janus □Fe2O3/SiO2-based nanotheranostics for dual-modal imaging and enhanced synergistic cancer starvation/chemodynamic therapy. *Science Bulletin*, **2020**, 65, 564-572	10.6	55
210	Plasmonic modulation of gold nanotheranostics for targeted NIR-II photothermal-augmented immunotherapy. *Nano Today*, **2020**, 35, 100987	17.9	33
209	Six Birds with One Stone: Versatile Nanoporphyrin for Single-Laser-Triggered Synergistic Phototheranostics and Robust Immune Activation. *Advanced Materials*, **2020**, 32, e2004481	24	40
208	Cascade Reactions Catalyzed by Planar Metal-Organic Framework Hybrid Architecture for Combined Cancer Therapy. *Small*, **2020**, 16, e2004016	11	32
207	Theranostic multimodal gold nanoclusters. *Nature Biomedical Engineering*, **2020**, 4, 668-669	19	6
206	Reactive Oxygen Species Activatable Heterodimeric Prodrug as Tumor-Selective Nanotheranostics. *ACS Nano*, **2020**,	16.7	17
205	Cancer Theranostics: Six Birds with One Stone: Versatile Nanoporphyrin for Single-Laser-Triggered Synergistic Phototheranostics and Robust Immune Activation (Adv. Mater. 48/2020). *Advanced Materials*, **2020**, 32, 2070360	24	
204	Nanomedicines for Renal Management: From Imaging to Treatment. *Accounts of Chemical Research*, **2020**, 53, 1869-1880	24.3	21
203	Recent Advances in Croconaine Dyes for Bioimaging and Theranostics. *Bioconjugate Chemistry*, **2020**, 31, 2072-2084	6.3	9
202	Recent Advances in Self-Exciting Photodynamic Therapy. *Frontiers in Bioengineering and Biotechnology*, **2020**, 8, 594491	5.8	17
201	Salinomycin nanocrystals for colorectal cancer treatment through inhibition of Wnt/□catenin signaling. *Nanoscale*, **2020**, 12, 19931-19938	7.7	5

200	A hierarchically ordered compacted coil scaffold for tissue regeneration. *NPG Asia Materials*, **2020**, 12,	10.3	10
199	Ceria Nanozymes with Preferential Renal Uptake for Acute Kidney Injury Alleviation. *ACS Applied Materials & Interfaces*, **2020**, 12, 56830-56838	9.5	21
198	One stone, three birds: one AIEgen with three colors for fast differentiation of three pathogens. *Chemical Science*, **2020**, 11, 4730-4740	9.4	31
197	Engineered PD-L1-Expressing Platelets Reverse New-Onset Type 1 Diabetes. *Advanced Materials*, **2020**, 32, e1907692	24	29
196	A Melanin-Based Natural Antioxidant Defense Nanosystem for Theranostic Application in Acute Kidney Injury. *Advanced Functional Materials*, **2019**, 29, 1904833	15.6	65
195	Tumor pH-Responsive Albumin/Polyaniline Assemblies for Amplified Photoacoustic Imaging and Augmented Photothermal Therapy. *Small*, **2019**, 15, e1902926	11	49
194	Self-Activated Electrical Stimulation for Effective Hair Regeneration a Wearable Omnidirectional Pulse Generator. *ACS Nano*, **2019**, 13, 12345-12356	16.7	51
193	Engineering of Nanoscale Coordination Polymers with Biomolecules for Advanced Applications. *Coordination Chemistry Reviews*, **2019**, 399, 213039-213039	23.2	25
192	Janus nanoparticles in cancer diagnosis, therapy and theranostics. *Biomaterials Science*, **2019**, 7, 1262-1275	7.4	31
191	Degradable silver-based nanoplatform for synergistic cancer starving-like/metal ion therapy. *Materials Horizons*, **2019**, 6, 169-175	14.4	78
190	Controllable Synthesis of Iron Sulfide/CNT Nanocomposites in Solvothermal System. *Crystal Research and Technology*, **2019**, 54, 1900029	1.3	3
189	Cortico-subthalamic Coherence in a Patient With Dystonia Induced by Chorea-Acanthocytosis: A Case Report. *Frontiers in Human Neuroscience*, **2019**, 13, 163	3.3	4
188	Cancer Theranostics: A Versatile Theranostic Nanoemulsion for Architecture-Dependent Multimodal Imaging and Dually Augmented Photodynamic Therapy (Adv. Mater. 21/2019). *Advanced Materials*, **2019**, 31, 1970155	24	4
187	Nanozyme: new horizons for responsive biomedical applications. *Chemical Society Reviews*, **2019**, 48, 3683-3704	58.5	568
186	3D printing of hydrogel scaffolds for future application in photothermal therapy of breast cancer and tissue repair. *Acta Biomaterialia*, **2019**, 92, 37-47	10.8	46
185	In Vivo Near-Infrared Fluorescence and Photoacoustic Dual-Modal Imaging of Endogenous Alkaline Phosphatase. *Analytical Chemistry*, **2019**, 91, 7112-7117	7.8	42
184	A Versatile Theranostic Nanoemulsion for Architecture-Dependent Multimodal Imaging and Dually Augmented Photodynamic Therapy. *Advanced Materials*, **2019**, 31, e1806444	24	87
183	Glucose Oxidase-Instructed Multimodal Synergistic Cancer Therapy. *Advanced Materials*, **2019**, 31, e1808325	24	228

182	Glucose Oxidase-Instructed Fluorescence Amplification Strategy for Intracellular Glucose Detection. *ACS Applied Materials & Interfaces*, **2019**, 11, 10554-10558	9.5	43
181	Polydopamine-functionalized black phosphorus quantum dots for cancer theranostics. *Applied Materials Today*, **2019**, 15, 297-304	6.6	67
180	Biodegradable Polymers as a Noncoding miRNA Nanocarrier for Multiple Targeting Therapy of Human Hepatocellular Carcinoma. *Advanced Healthcare Materials*, **2019**, 8, e1801318	10.1	13
179	Stimuli-responsive cyclodextrin-based nanoplatforms for cancer treatment and theranostics. *Materials Horizons*, **2019**, 6, 846-870	14.4	44
178	Cyclodextrin-based polymer materials: From controlled synthesis to applications. *Progress in Polymer Science*, **2019**, 93, 1-35	29.6	62
177	Mesoporous Polydopamine Carrying Manganese Carbonyl Responds to Tumor Microenvironment for Multimodal Imaging-Guided Cancer Therapy. *Advanced Functional Materials*, **2019**, 29, 1900095	15.6	96
176	Salinomycin exerts anti-colorectal cancer activity by targeting the Ecatenin/T-cell factor complex. *British Journal of Pharmacology*, **2019**, 176, 3390-3406	8.6	16
175	pH-Responsive Nanoprobe for In Vivo Photoacoustic Imaging of Gastric Acid. *Analytical Chemistry*, **2019**, 91, 13570-13575	7.8	14
174	Antibody and fragment-based PET imaging of CTLA-4+ T-cells in humanized mouse models. *American Journal of Cancer Research*, **2019**, 9, 53-63	4.4	18
173	Dual-labeled pertuzumab for multimodality image-guided ovarian tumor resection. *American Journal of Cancer Research*, **2019**, 9, 1454-1468	4.4	10
172	Photo-triggered Drug Delivery Systems for Neuron-related Applications. *Current Medicinal Chemistry*, **2019**, 26, 1406-1422	4.3	6
171	CD146-Targeted Multimodal Image-Guided Photoimmunotherapy of Melanoma. *Advanced Science*, **2019**, 6, 1801237	13.6	28
170	A near-infrared turn-on probe for in vivo chemoselective photoacoustic detection of fluoride ion. *Dyes and Pigments*, **2019**, 165, 408-414	4.6	14
169	3D bioprinting of alginate scaffolds with controlled micropores by leaching of recrystallized salts. *Polymer Bulletin*, **2019**, 76, 6077-6088	2.4	8
168	Biodegradable Manganese-Doped Calcium Phosphate Nanotheranostics for Traceable Cascade Reaction-Enhanced Anti-Tumor Therapy. *ACS Nano*, **2019**, 13, 13985-13994	16.7	162
167	Nanomaterials for photoacoustic imaging in the second near-infrared window. *Biomaterials Science*, **2019**, 7, 472-479	7.4	54
166	Plasmonic Gold Nanovesicles for Biomedical Applications. *Small Methods*, **2019**, 3, 1800394	12.8	21
165	Efficient renal clearance of DNA tetrahedron nanoparticles enables quantitative evaluation of kidney function. *Nano Research*, **2019**, 12, 637-642	10	24

164	A welding phenomenon of dissimilar nanoparticles in dispersion. *Nature Communications*, **2019**, 10, 219	17.4	11
163	Melanin/polydopamine-based nanomaterials for biomedical applications. *Science China Chemistry*, **2019**, 62, 162-188	7.9	54
162	In Vivo Chemoselective Photoacoustic Imaging of Copper(II) in Plant and Animal Subjects. *Small*, **2019**, 15, e1803866	11	25
161	3D bioprinting of hydrogel-based biomimetic microenvironments. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2019**, 107, 1695-1705	3.5	16
160	Insight into multifunctional polyester fabrics finished by one-step eco-friendly strategy. *Chemical Engineering Journal*, **2019**, 358, 634-642	14.7	55
159	Radiolabeling Silica-Based Nanoparticles via Coordination Chemistry: Basic Principles, Strategies, and Applications. *Accounts of Chemical Research*, **2018**, 51, 778-788	24.3	52
158	Two-dimensional transition metal carbides and nitrides (MXenes) for biomedical applications. *Chemical Society Reviews*, **2018**, 47, 5109-5124	58.5	450
157	Radiolabeled polyoxometalate clusters: Kidney dysfunction evaluation and tumor diagnosis by positron emission tomography imaging. *Biomaterials*, **2018**, 171, 144-152	15.6	26
156	PD-1 Blockade Cellular Vesicles for Cancer Immunotherapy. *Advanced Materials*, **2018**, 30, e1707112	24	138
155	ImmunoPET imaging of CD38 in murine lymphoma models using Zr-labeled daratumumab. *European Journal of Nuclear Medicine and Molecular Imaging*, **2018**, 45, 1372-1381	8.8	18
154	Calcium-based biomaterials for diagnosis, treatment, and theranostics. *Chemical Society Reviews*, **2018**, 47, 357-403	58.5	131
153	Light-Responsive Biodegradable Nanorattles for Cancer Theranostics. *Advanced Materials*, **2018**, 30, 1706	24	90
152	3D Bioprinting of Artificial Tissues: Construction of Biomimetic Microstructures. *Macromolecular Bioscience*, **2018**, 18, e1800034	5.5	18
151	Noninvasive Trafficking of Brentuximab Vedotin and PET Imaging of CD30 in Lung Cancer Murine Models. *Molecular Pharmaceutics*, **2018**, 15, 1627-1634	5.6	11
150	Drug nanocrystals for cancer therapy. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2018**, 10, e1499	9.2	19
149	Zr-labeled nivolumab for imaging of T-cell infiltration in a humanized murine model of lung cancer. *European Journal of Nuclear Medicine and Molecular Imaging*, **2018**, 45, 110-120	8.8	73
148	Graphene-Based Nanomaterials in Bioimaging **2018**, 247-287		14
147	Engineering PD-1-Presenting Platelets for Cancer Immunotherapy. *Nano Letters*, **2018**, 18, 5716-5725	11.5	113

146	Graphene as 2D Nano-Theranostic Materials for Cancer **2018**, 97-124		2
145	Catalytic chemistry of glucose oxidase in cancer diagnosis and treatment. *Chemical Society Reviews*, **2018**, 47, 6454-6472	58.5	315
144	Aggregation induced photoacoustic detection of mercury (II) ions using quaternary ammonium group-capped gold nanorods. *Talanta*, **2018**, 187, 65-72	6.2	18
143	Photoacoustic Probes for Molecular Detection: Recent Advances and Perspectives. *Small*, **2018**, 14, e1800782	11	54
142	Cancer Immunotherapy: PD-1 Blockade Cellular Vesicles for Cancer Immunotherapy (Adv. Mater. 22/2018). *Advanced Materials*, **2018**, 30, 1870152	24	13
141	Cover Image, Volume 10, Issue 3. *Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology*, **2018**, 10, e1525	9.2	1
140	DNA origami nanostructures can exhibit preferential renal uptake and alleviate acute kidney injury. *Nature Biomedical Engineering*, **2018**, 2, 865-877	19	184
139	Molybdenum-based nanoclusters act as antioxidants and ameliorate acute kidney injury in mice. *Nature Communications*, **2018**, 9, 5421	17.4	100
138	Dual-Stimuli Responsive Bismuth Nanoraspberries for Multimodal Imaging and Combined Cancer Therapy. *Nano Letters*, **2018**, 18, 6778-6788	11.5	84
137	Development of endogenous enzyme-responsive nanomaterials for theranostics. *Chemical Society Reviews*, **2018**, 47, 5554-5573	58.5	161
136	In Vivo Photoacoustic Detection and Imaging of Peroxynitrite. *Analytical Chemistry*, **2018**, 90, 9381-9385	7.8	23
135	R□ktitelbild: Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy (Angew. Chem. 5/2017). *Angewandte Chemie*, **2017**, 129, 1446-1446	3.6	1
134	Synthesis of Highly Dispersed Fe3O4 Submicrometer Spheres in a One-Pot Anion-induced Solvothermal System. *Journal of the Chinese Chemical Society*, **2017**, 64, 217-223	1.5	6
133	Ratiometric Photoacoustic Molecular Imaging for Methylmercury Detection in Living Subjects. *Advanced Materials*, **2017**, 29, 1606129	24	60
132	Labeling adipose derived stem cell sheet by ultrasmall super-paramagnetic FeO nanoparticles and magnetic resonance tracking in vivo. *Scientific Reports*, **2017**, 7, 42793	4.9	18
131	Tri-stimuli-responsive biodegradable theranostics for mild hyperthermia enhanced chemotherapy. *Biomaterials*, **2017**, 126, 39-48	15.6	114
130	Asymmetric total synthesis of tetrahydroprotoberberine derivatives and evaluation of their binding affinities at dopamine receptors. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 1437-1440	2.9	5
129	Bioresponsive Polyoxometalate Cluster for Redox-Activated Photoacoustic Imaging-Guided Photothermal Cancer Therapy. *Nano Letters*, **2017**, 17, 3282-3289	11.5	107

128	Marriage of Albumin-Gadolinium Complexes and MoS Nanoflakes as Cancer Theranostics for Dual-Modality Magnetic Resonance/Photoacoustic Imaging and Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2017**, 9, 17786-17798	9.5	72
127	Multifunctional Core@Shell Magnetic Nanoprobes for Enhancing Targeted Magnetic Resonance Imaging and Fluorescent Labeling in Vitro and in Vivo. *ACS Applied Materials & Interfaces*, **2017**, 9, 17777-17785	9.5	34
126	Enhanced Afterglow Performance of Persistent Luminescence Implants for Efficient Repeatable Photodynamic Therapy. *ACS Nano*, **2017**, 11, 5864-5872	16.7	105
125	In vivo high-efficiency targeted photodynamic therapy of ultra-small Fe3O4@polymer-NPO/PEG-Glc@Ce6 nanoprobes based on small size effect. *NPG Asia Materials*, **2017**, 9, e383-e383	10.3	19
124	Radiolabeled pertuzumab for imaging of human epidermal growth factor receptor 2 expression in ovarian cancer. *European Journal of Nuclear Medicine and Molecular Imaging*, **2017**, 44, 1296-1305	8.8	23
123	Reprogrammable ultra-fast shape-transformation of macroporous composite hydrogel sheets. *Journal of Materials Chemistry B*, **2017**, 5, 2883-2887	7.3	19
122	3D bioprinting scaffold using alginate/polyvinyl alcohol bioinks. *Materials Letters*, **2017**, 189, 295-298	3.3	49
121	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy. *Angewandte Chemie - International Edition*, **2017**, 56, 1229-1233	16.4	367
120	Gold nanorod embedded large-pore mesoporous organosilica nanospheres for gene and photothermal cooperative therapy of triple negative breast cancer. *Nanoscale*, **2017**, 9, 1466-1474	7.7	34
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