Xing-Jie Liang

List of Publications by Year in Descending Order

264 papers	16,050 citations	72 h-index	119 g-index
314 ext. papers	19,821 ext. citations	11.7 avg, IF	6.85 L-index

#	Paper	IF	Citations
264	Glutamine Antagonist Synergizes with Electrodynamic Therapy to Induce Tumor Regression and Systemic Antitumor Immunity.. *ACS Nano*, **2022**,	16.7	8
263	Therapeutic exosomal vaccine for enhanced cancer immunotherapy by mediating tumor microenvironment.. *IScience*, **2022**, 25, 103639	6.1	0
262	Leveraging Macrophages for Cancer Theranostics.. *Advanced Drug Delivery Reviews*, **2022**, 114136	18.5	2
261	Ionizable liposomal siRNA therapeutics enables potent and persistent treatment of Hepatitis B.. *Signal Transduction and Targeted Therapy*, **2022**, 7, 38	21	3
260	Nanomaterials with changeable physicochemical property for boosting cancer immunotherapy.. *Journal of Controlled Release*, **2022**, 342, 210-227	11.7	1
259	Ionizable lipid-assisted efficient hepatic delivery of gene editing elements for oncotherapy. *Bioactive Materials*, **2022**, 9, 590-601	16.7	12
258	Nanotechnology-based combinatorial phototherapy for enhanced cancer treatment.. *RSC Advances*, **2022**, 12, 9725-9737	3.7	1
257	Dual Drug Loaded pH-sensitive Micelles for Efficient Bacterial Infection Treatment.. *Pharmaceutical Research*, **2022**, 1	4.5	0
256	Thermostable ionizable lipid-like nanoparticle (iLAND) for RNAi treatment of hyperlipidemia.. *Science Advances*, **2022**, 8, eabm1418	14.3	4
255	Spatiotemporal Tracing of the Cellular Internalization Process of Rod-Shaped Nanostructures.. *ACS Nano*, **2022**,	16.7	2
254	Fibrin Site-Specific Nanoprobe for Imaging Fibrin-Rich Thrombi and Preventing Thrombus Formation in Venous Vessels.. *Advanced Materials*, **2022**, e2109955	24	2
253	A CAR T-inspiring platform based on antibody-engineered exosomes from antigen-feeding dendritic cells for precise solid tumor therapy.. *Biomaterials*, **2022**, 282, 121424	15.6	1
252	Biomimetic Nanocarriers Guide Extracellular ATP Homeostasis to Remodel Energy Metabolism for Activating Innate and Adaptive Immunity System.. *Advanced Science*, **2022**, e2105376	13.6	3
251	mRNA vaccines for COVID-19 and diverse diseases.. *Journal of Controlled Release*, **2022**, 345, 314-333	11.7	9
250	A comparison of Remdesivir versus gold cluster in COVID-19 animal model: A better therapeutic outcome of gold cluster.. *Nano Today*, **2022**, 44, 101468	17.9	0
249	Blood-brain barrier-penetrating single CRISPR-Cas9 nanocapsules for effective and safe glioblastoma gene therapy.. *Science Advances*, **2022**, 8, eabm8011	14.3	5
248	Preparation and Evaluation of Rationally Designed Polymers for Efficient Endosomal Escape of siRNA. *Biomaterial Engineering*, **2022**, 181-197	0.3	

247	Preparation of Ultrasmall Gold Nanoparticles for Nuclear-Based Gene Delivery. *Biomaterial Engineering*, **2022**, 335-343	0.3	
246	Functionalized Macrophage Exosomes with Panobinostat and PPM1D-siRNA for Diffuse Intrinsic Pontine Gliomas Therapy.. *Advanced Science*, **2022**, e2200353	13.6	1
245	Bioimaging guided pharmaceutical evaluations of nanomedicines for clinical translations.. *Journal of Nanobiotechnology*, **2022**, 20, 236	9.4	1
244	Preparation and Evaluation of Rationally Designed Polymers for Efficient Endosomal Escape of siRNA. *Biomaterial Engineering*, **2021**, 1-17	0.3	
243	Enhanced anti-tumor activity of a drug through pH-triggered release and dual targeting by calcium phosphate-covered mesoporous silica vehicles.. *Journal of Materials Chemistry B*, **2021**,	7.3	2
242	Engineering a Photosynthetic Bacteria-incorporated Hydrogel for Infected Wound Healing.. *Acta Biomaterialia*, **2021**,	10.8	4
241	Preparation of Ultrasmall Gold Nanoparticles for Nuclear-Based Gene Delivery. *Biomaterial Engineering*, **2021**, 1-9	0.3	
240	Virus-inspired nanosystems for drug delivery. *Nanoscale*, **2021**, 13, 18912-18924	7.7	2
239	Innovative nanochemotherapy for overcoming cancer multidrug resistance. *Nanotechnology*, **2021**, 33,	3.4	1
238	Nano-herb medicine and PDT induced synergistic immunotherapy for colon cancer treatment. *Biomaterials*, **2021**, 269, 120654	15.6	23
237	Temperature-Sensitive Lipid-Coated Carbon Nanotubes for Synergistic Photothermal Therapy and Gene Therapy. *ACS Nano*, **2021**, 15, 6517-6529	16.7	29
236	Exploiting the acquired vulnerability of cisplatin-resistant tumors with a hypoxia-amplifying DNA repair-inhibiting (HYDRI) nanomedicine. *Science Advances*, **2021**, 7,	14.3	13
235	Nanoscale Detection of Subcellular Nanoparticles by X-Ray Diffraction Imaging for Precise Quantitative Analysis of Whole Cancer Cells. *Analytical Chemistry*, **2021**, 93, 5201-5210	7.8	0
234	X-ray-Based Techniques to Study the Nano-Bio Interface. *ACS Nano*, **2021**, 15, 3754-3807	16.7	18
233	Effect of physicochemical properties on fate of nanoparticle-based cancer immunotherapies. *Acta Pharmaceutica Sinica B*, **2021**, 11, 886-902	15.5	8
232	Pyroelectric Catalysis-Based "Nano-Lymphatic" Reduces Tumor Interstitial Pressure for Enhanced Penetration and Hydrodynamic Therapy. *ACS Nano*, **2021**, 15, 10488-10501	16.7	12
231	A core-shell structured COVID-19 mRNA vaccine with favorable biodistribution pattern and promising immunity. *Signal Transduction and Targeted Therapy*, **2021**, 6, 213	21	29
230	Electromagnetic Field-Programmed Magnetic Vortex Nanodelivery System for Efficacious Cancer Therapy. *Advanced Science*, **2021**, 8, e2100950	13.6	8

229	Rolling microneedle electrode array (RoMEA) empowered nucleic acid delivery and cancer immunotherapy. *Nano Today*, **2021**, 36, 101017	17.9	12
228	Nanoscale drug delivery systems for controllable drug behaviors by multi-stage barrier penetration. *Journal of Controlled Release*, **2021**, 331, 282-295	11.7	16
227	Light-activatable liposomes for repetitive on-demand drug release and immunopotentiation in hypoxic tumor therapy. *Biomaterials*, **2021**, 265, 120456	15.6	64
226	Self-Propelled and Near-Infrared-Phototaxic Photosynthetic Bacteria as Photothermal Agents for Hypoxia-Targeted Cancer Therapy. *ACS Nano*, **2021**, 15, 1100-1110	16.7	15
225	Acid-sensitive PEGylated cabazitaxel prodrugs for antitumor therapy. *Chinese Chemical Letters*, **2021**, 32, 1751-1754	8.1	3
224	Structure transformable nanoparticles for photoacoustic imaging-guided photothermal ablation of tumors via enzyme-induced multistage delivery. *Chemical Engineering Journal*, **2021**, 421, 127747	14.7	2
223	Applications and regulatory of nanotechnology-based innovative in vitro diagnostics. *View*, **2021**, 2, 20200091	7.8	3
222	Cyanobacteria-based near-infrared light-excited self-supplying oxygen system for enhanced photodynamic therapy of hypoxic tumors. *Nano Research*, **2021**, 14, 667-673	10	16
221	Recent progress in mitochondria-targeting-based nanotechnology for cancer treatment. *Nanoscale*, **2021**, 13, 7108-7118	7.7	14
220	Gold-based nanomaterials for the treatment of brain cancer. *Cancer Biology and Medicine*, **2021**,	5.2	9
219	Intracellular aggregations of biological elements: From simple to complex. *Aggregate*, **2021**, 2, e27	22.9	0
218	Core Role of Hydrophobic Core of Polymeric Nanomicelle in Endosomal Escape of siRNA. *Nano Letters*, **2021**, 21, 3680-3689	11.5	20
217	Mannose-Derived Carbon Dots Amplify Microwave Ablation-Induced Antitumor Immune Responses by Capturing and Transferring "Danger Signals" to Dendritic Cells. *ACS Nano*, **2021**, 15, 2920-2932	16.7	15
216	Practicable Applications of Aggregation-Induced Emission with Biomedical Perspective. *Advanced Healthcare Materials*, **2021**, e2100945	10.1	3
215	An amphiphilic dendrimer as a light-activable immunological adjuvant for in situ cancer vaccination. *Nature Communications*, **2021**, 12, 4964	17.4	13
214	Photo-responsive hydrogel facilitates nutrition deprivation by an ambidextrous approach for preventing cancer recurrence and metastasis. *Biomaterials*, **2021**, 275, 120992	15.6	5
213	Dendrimeric nanosystem consistently circumvents heterogeneous drug response and resistance in pancreatic cancer. *Exploration*, **2021**, 1, 21-34		23
212	Receptor-targeting nanomaterials alleviate binge drinking-induced neurodegeneration as artificial neurotrophins. *Exploration*, **2021**, 1, 61-74		7

211	Membrane-destabilizing ionizable lipid empowered imaging-guided siRNA delivery and cancer treatment. *Exploration*, **2021**, 1, 35-49		31
210	From mouse to mouse-ear cress: Nanomaterials as vehicles in plant biotechnology. *Exploration*, **2021**, 1, 9-20		13
209	Modular ketal-linked prodrugs and biomaterials enabled by organocatalytic transisopropenylation of alcohols. *Nature Communications*, **2021**, 12, 5532	17.4	3
208	Magnetothermal regulation of in vivo protein corona formation on magnetic nanoparticles for improved cancer nanotherapy. *Biomaterials*, **2021**, 276, 121021	15.6	8
207	High-quality milk exosomes as oral drug delivery system. *Biomaterials*, **2021**, 277, 121126	15.6	7
206	Protein-Activatable Diarylethene Monomer as a Smart Trigger of Noninvasive Control Over Reversible Generation of Singlet Oxygen: A Facile, Switchable, Theranostic Strategy for Photodynamic-Immunotherapy. *Journal of the American Chemical Society*, **2021**, 143, 2413-2422	16.4	37
205	Engineering Supramolecular Nanomedicine for Targeted Near Infrared-triggered Mitochondrial Dysfunction to Potentiate Cisplatin for Efficient Chemophototherapy.. *ACS Nano*, **2021**,	16.7	5
204	Adaptive changes induced by noble-metal nanostructures and. *Theranostics*, **2020**, 10, 5649-5670	12.1	8
203	Multifunctional DNA Polymer-Assisted Upconversion Therapeutic Nanoplatform for Enhanced Photodynamic Therapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 26832-26841	9.5	16
202	Therapeutic siRNA: state of the art. *Signal Transduction and Targeted Therapy*, **2020**, 5, 101	21	243
201	Dually Enzyme- and Acid-Triggered Self-Immolative Ketal Glycoside Nanoparticles for Effective Cancer Prodrug Monotherapy. *Nano Letters*, **2020**, 20, 5465-5472	11.5	20
200	Superhydrophilic fluorinated polymer and nanogel for high-performance F magnetic resonance imaging. *Biomaterials*, **2020**, 256, 120184	15.6	10
199	Modular Acid-Activatable Acetone-Based Ketal-Linked Nanomedicine by Dexamethasone Prodrugs for Enhanced Anti-Rheumatoid Arthritis with Low Side Effects. *Nano Letters*, **2020**, 20, 2558-2568	11.5	33
198	A nano-based thermotherapy for cancer stem cell-targeted therapy. *Journal of Materials Chemistry B*, **2020**, 8, 3985-4001	7.3	12
197	Comprehensive understanding of magnetic hyperthermia for improving antitumor therapeutic efficacy. *Theranostics*, **2020**, 10, 3793-3815	12.1	157
196	Targeting colorectal cancer via nanodrug delivery systems **2020**, 199-212		
195	Prodrug-Based Nanoreactors with Tumor-Specific Activation for Multisynergistic Cancer Therapy. *ACS Applied Materials & Interfaces*, **2020**, 12, 34667-34677	9.5	10
194	The challenge and prospect of mRNA therapeutics landscape. *Biotechnology Advances*, **2020**, 40, 10753417.8		93

193	ICG-Conjugated and I-Labeled Polymeric Micelles with High Biosafety for Multimodality Imaging-Guided Photothermal Therapy of Tumors. *Advanced Healthcare Materials*, **2020**, 9, e1901616	10.1	33
192	Graphene Oxide-Grafted Magnetic Nanorings Mediated Magnetothermodynamic Therapy Favoring Reactive Oxygen Species-Related Immune Response for Enhanced Antitumor Efficacy. *ACS Nano*, **2020**, 14, 1936-1950	16.7	72
191	Metal-Based Nanocatalyst for Combined Cancer Therapeutics. *Bioconjugate Chemistry*, **2020**, 31, 1247-1258	4.3	20
190	Biomimetic carbon nanotubes for neurological disease therapeutics as inherent medication. *Acta Pharmaceutica Sinica B*, **2020**, 10, 239-248	15.5	31
189	Improved Nucleic Acid Therapy with Advanced Nanoscale Biotechnology. *Molecular Therapy - Nucleic Acids*, **2020**, 19, 581-601	10.7	41
188	Smart calcium peroxide with self-sufficience for biomedicine. *Science China Life Sciences*, **2020**, 63, 152-156	8.5	4
187	Co-localized delivery of nanomedicine and nanovaccine augments the postoperative cancer immunotherapy by amplifying T-cell responses. *Biomaterials*, **2020**, 230, 119649	15.6	61
186	Metal-organic framework-based nanocatalytic medicine for chemodynamic therapy. *Science China Materials*, **2020**, 63, 2429-2434	7.1	8
185	Artificial Nanotargeted Cells with Stable Photothermal Performance for Multimodal Imaging-Guided Tumor-Specific Therapy. *ACS Nano*, **2020**, 14, 12652-12667	16.7	30
184	Near-Infrared Light Irradiation Induced Mild Hyperthermia Enhances Glutathione Depletion and DNA Interstrand Cross-Link Formation for Efficient Chemotherapy. *ACS Nano*, **2020**, 14, 14831-14845	16.7	40
183	Efficient hepatic delivery and protein expression enabled by optimized mRNA and ionizable lipid nanoparticle. *Bioactive Materials*, **2020**, 5, 1053-1061	16.7	24
182	Proton-driven transformable nanovaccine for cancer immunotherapy. *Nature Nanotechnology*, **2020**, 15, 1053-1064	28.7	83
181	Fighting against Drug-Resistant Tumors using a Dual-Responsive Pt(IV)/Ru(II) Bimetallic Polymer. *Advanced Materials*, **2020**, 32, e2004766	24	46
180	Real-Time Pharmaceutical Evaluations of Near-Infrared II Fluorescent Nanomedicine Bound Polyethylene Glycol Ligands for Tumor Photothermal Ablation. *ACS Nano*, **2020**, 14, 13681-13690	16.7	19
179	Polymer-Based Nanomaterials for Noninvasive Cancer Photothermal Therapy. *ACS Applied Polymer Materials*, **2020**, 2, 4289-4305	4.3	16
178	Near-Infrared-Absorbing Conjugated Polymer Nanoparticles Loaded with Doxorubicin for Combinatorial Photothermal-Chemotherapy of Cancer. *ACS Applied Polymer Materials*, **2020**, 2, 4180-4187	4.3	5
177	Ultrasmall gold nanoparticles in cancer diagnosis and therapy. *Theranostics*, **2020**, 10, 4944-4957	12.1	61
176	Engineered nanoparticles circumvent the adaptive treatment tolerance to immune-checkpoint blockade therapy. *Science China Chemistry*, **2019**, 62, 1557-1560	7.9	5

175	Targeted nanoparticles for precise cancer therapy. *Science China Life Sciences*, **2019**, 62, 1392-1395	8.5	7
174	Gold-DNA nanosunflowers for efficient gene silencing with controllable transformation. *Science Advances*, **2019**, 5, eaaw6264	14.3	61
173	Thermo-responsive triple-function nanotransporter for efficient chemo-photothermal therapy of multidrug-resistant bacterial infection. *Nature Communications*, **2019**, 10, 4336	17.4	128
172	Natural Berberine-Based Chinese Herb Medicine Assembled Nanostructures with Modified Antibacterial Application. *ACS Nano*, **2019**, 13, 6770-6781	16.7	115
171	Optimization and Design of Magnetic Ferrite Nanoparticles with Uniform Tumor Distribution for Highly Sensitive MRI/MPI Performance and Improved Magnetic Hyperthermia Therapy. *Nano Letters* , **2019**, 19, 3618-3626	11.5	103
170	Clinical advances of siRNA therapeutics. *Journal of Gene Medicine*, **2019**, 21, e3097	3.5	78
169	Cancer Radiotherapy: Enhanced Radiosensitization by Gold Nanoparticles with Acid-Triggered Aggregation in Cancer Radiotherapy (Adv. Sci. 8/2019). *Advanced Science*, **2019**, 6, 1970050	13.6	0
168	RNAi therapeutic and its innovative biotechnological evolution. *Biotechnology Advances*, **2019**, 37, 801-825	7.8	115
167	Secreted Protein Acidic and Rich in Cysteine Mediated Biomimetic Delivery of Methotrexate by Albumin-Based Nanomedicines for Rheumatoid Arthritis Therapy. *ACS Nano*, **2019**, 13, 5036-5048	16.7	60
166	Co-encapsulation of curcumin and doxorubicin in albumin nanoparticles blocks the adaptive treatment tolerance of cancer cells. *Biophysics Reports*, **2019**, 5, 19-30	3.5	37
165	Glucose-functionalized near-infrared AgSe quantum dots with renal excretion ability for long-term in vivo tumor imaging. *Journal of Materials Chemistry B*, **2019**, 7, 5782-5788	7.3	12
164	Fe3O4Pd Janus nanoparticles with amplified dual-mode hyperthermia and enhanced ROS generation for breast cancer treatment. *Nanoscale Horizons*, **2019**, 4, 1450-1459	10.8	66
163	Magnetic Reactive Oxygen Species Nanoreactor for Switchable Magnetic Resonance Imaging Guided Cancer Therapy Based on pH-Sensitive FeC@FeO Nanoparticles. *ACS Nano*, **2019**, 13, 10002-10014	16.7	82
162	Ferrimagnetic Vortex Nanoring-Mediated Mild Magnetic Hyperthermia Imparts Potent Immunological Effect for Treating Cancer Metastasis. *ACS Nano*, **2019**, 13, 8811-8825	16.7	93
161	Bone-Targeted Nanoplatform Combining Zoledronate and Photothermal Therapy To Treat Breast Cancer Bone Metastasis. *ACS Nano*, **2019**, 13, 7556-7567	16.7	81
160	Nanoscale Metal-Organic Framework Mediates Radical Therapy to Enhance Cancer Immunotherapy. *CheM*, **2019**, 5, 1892-1913	16.2	127
159	Self-Supply of O and HO by a Nanocatalytic Medicine to Enhance Combined Chemo/Chemodynamic Therapy. *Advanced Science*, **2019**, 6, 1902137	13.6	133
158	Biodegradable Conjugated Oligomer Nanoparticles with High Photothermal Conversion Efficiency for Cancer Theranostics. *ACS Nano*, **2019**, 13, 12901-12911	16.7	104

157	Carbon-dot-supported atomically dispersed gold as a mitochondrial oxidative stress amplifier for cancer treatment. *Nature Nanotechnology*, **2019**, 14, 379-387	28.7	267
156	Evaluation of Turning-Sized Gold Nanoparticles on Cellular Adhesion by Golgi Disruption and. *Nano Letters*, **2019**, 19, 8476-8487	11.5	9
155	Move to Nano-Arthrology: Targeted Stimuli-Responsive Nanomedicines Combat Adaptive Treatment Tolerance (ATT) of Rheumatoid Arthritis. *Biotechnology Journal*, **2019**, 14, e1800024	5.6	8
154	Regulation of Ca Signaling for Drug-Resistant Breast Cancer Therapy with Mesoporous Silica Nanocapsule Encapsulated Doxorubicin/siRNA Cocktail. *ACS Nano*, **2019**, 13, 274-283	16.7	81
153	Near-infrared AIEgens as transformers to enhance tumor treatment efficacy with controllable self-assembled redox-responsive carrier-free nanodrug. *Biomaterials*, **2019**, 193, 12-21	15.6	51
152	Core-Satellite Nanomedicines for in Vivo Real-Time Monitoring of Enzyme-Activatable Drug Release by Fluorescence and Photoacoustic Dual-Modal Imaging. *ACS Nano*, **2019**, 13, 176-186	16.7	54
151	YO Nanoparticles Caused Bone Tissue Damage by Breaking the Intracellular Phosphate Balance in Bone Marrow Stromal Cells. *ACS Nano*, **2019**, 13, 313-323	16.7	84
150	Functional Nanomaterials Optimized to Circumvent Tumor Immunological Tolerance. *Advanced Functional Materials*, **2019**, 29, 1806087	15.6	14
149	Enhanced Radiosensitization by Gold Nanoparticles with Acid-Triggered Aggregation in Cancer Radiotherapy. *Advanced Science*, **2019**, 6, 1801806	13.6	56
148	Bioreducible Zinc(II)-Dipicolylamine Functionalized Hyaluronic Acid Mediates Safe siRNA Delivery and Effective Glioblastoma RNAi Therapy.. *ACS Applied Bio Materials*, **2019**, 2, 362-369	4.1	7
147	Antisense Oligonucleotide-Conjugated Nanostructure-Targeting lncRNA MALAT1 Inhibits Cancer Metastasis. *ACS Applied Materials & Interfaces*, **2019**, 11, 37-42	9.5	66
146	Magnetic Nanomaterials for Advanced Regenerative Medicine: The Promise and Challenges. *Advanced Materials*, **2019**, 31, e1804922	24	26
145	Aggregation-induced emission (AIE) fluorophores as imaging tools to trace the biological fate of nano-based drug delivery systems. *Advanced Drug Delivery Reviews*, **2019**, 143, 161-176	18.5	54
144	Light-Triggered Retention and Cascaded Therapy of Albumin-Based Theranostic Nanomedicines to Alleviate Tumor Adaptive Treatment Tolerance. *Advanced Functional Materials*, **2018**, 28, 1707291	15.6	51
143	A Carrier-Free Nanostructure Based on Platinum(IV) Prodrug Enhances Cellular Uptake and Cytotoxicity. *Molecular Pharmaceutics*, **2018**, 15, 1724-1728	5.6	21
142	Ultrasensitive Tyrosinase-Activated Turn-On Near-Infrared Fluorescent Probe with a Rationally Designed Urea Bond for Selective Imaging and Photodamage to Melanoma Cells. *Analytical Chemistry*, **2018**, 90, 3666-3669	7.8	44
141	Perfluorocarbon-based nanomedicine: emerging strategy for diagnosis and treatment of diseases. *MRS Communications*, **2018**, 8, 303-313	2.7	11
140	LAL test and RPT for endotoxin detection of CPT-11/DSPE-mPEG nanoformulation: What if traditional methods are not applicable?. *Asian Journal of Pharmaceutical Sciences*, **2018**, 13, 289-296	9	6

139	Nanomaterial-assisted sensitization of oncotherapy. *Nano Research*, **2018**, 11, 2932-2950	10	16
138	Magnetic resonance imaging quantification and biodistribution of magnetic nanoparticles using T-enhanced contrast. *Journal of Materials Chemistry B*, **2018**, 6, 1470-1478	7.3	4
137	Dual Drug Backboned Shattering Polymeric Theranostic Nanomedicine for Synergistic Eradication of Patient-Derived Lung Cancer. *Advanced Materials*, **2018**, 30, 1706220	24	95
136	Gold nanoparticles cause size-dependent inhibition of embryonic development during murine pregnancy. *Nano Research*, **2018**, 11, 3419-3433	10	10
135	Multiwalled Carbon Nanotubes Induced Hypotension by Regulating the Central Nervous System. *Advanced Functional Materials*, **2018**, 28, 1705479	15.6	10
134	Renal-clearable quaternary chalcogenide nanocrystal for photoacoustic/magnetic resonance imaging guided tumor photothermal therapy. *Biomaterials*, **2018**, 159, 108-118	15.6	33
133	Stable and oxidant responsive zwitterionic nanoclusters. *Nanoscale*, **2018**, 10, 7382-7386	7.7	9
132	AMF responsive DOX-loaded magnetic microspheres: transmembrane drug release mechanism and multimodality postsurgical treatment of breast cancer. *Journal of Materials Chemistry B*, **2018**, 6, 2289-2303	7.3	46
131	Precise theranostic nanomedicines for inhibiting vulnerable atherosclerotic plaque progression through regulation of vascular smooth muscle cell phenotype switching. *Theranostics*, **2018**, 8, 3693-3706	12.1	29
130	Improved pharmaceutical research and development with AIE-based nanostructures. *Materials Horizons*, **2018**, 5, 799-812	14.4	20
129	Biocompatible semiconducting polymer nanoparticles as robust photoacoustic and photothermal agents revealing the effects of chemical structure on high photothermal conversion efficiency. *Biomaterials*, **2018**, 181, 92-102	15.6	55
128	Red-Light-Controlled Release of Drug Ru Complex Conjugates from Metallopolymer Micelles for Phototherapy in Hypoxic Tumor Environments. *Advanced Functional Materials*, **2018**, 28, 1804227	15.6	56
127	Magnetic field and nano-scaffolds with stem cells to enhance bone regeneration. *Biomaterials*, **2018**, 183, 151-170	15.6	117
126	Nrp-1 receptor targeting peptide-functionalized TPGS micellar nanosystems to deliver 10-hydroxycampothecin for enhanced cancer chemotherapy. *International Journal of Pharmaceutics* , **2018**, 547, 582-592	6.5	10
125	Biomimetic O-Evolving metal-organic framework nanoplatform for highly efficient photodynamic therapy against hypoxic tumor. *Biomaterials*, **2018**, 178, 83-94	15.6	109
124	Tailoring Platinum(IV) Amphiphiles for Self-Targeting All-in-One Assemblies as Precise Multimodal Theranostic Nanomedicine. *ACS Nano*, **2018**, 12, 7272-7281	16.7	80
123	Nanomicelle-Assisted Targeted Ocular Delivery with Enhanced Antiinflammatory Efficacy In Vivo. *Advanced Science*, **2018**, 5, 1700455	13.6	27
122	Laser-Induced Transformable BiS@HSA/DTX Multiple Nanorods for Photoacoustic/Computed Tomography Dual-Modal Imaging Guided Photothermal/Chemo Combinatorial Anticancer Therapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 41167-41177	9.5	12

121	Fluorinated Oligoethylenimine Nanoassemblies for Efficient siRNA-Mediated Gene Silencing in Serum-Containing Media by Effective Endosomal Escape. *Nano Letters*, **2018**, 18, 6301-6311	11.5	43
120	Virus-Inspired Self-Assembled Nanofibers with Aggregation-Induced Emission for Highly Efficient and Visible Gene Delivery. *ACS Applied Materials & Interfaces*, **2017**, 9, 4425-4432	9.5	33
119	A traceable and bone-targeted nanoassembly based on defect-related luminescent mesoporous silica for enhanced osteogenic differentiation. *Journal of Materials Chemistry B*, **2017**, 5, 1585-1593	7.3	19
118	pH-sensitive polymeric micelles for the Co-delivery of proapoptotic peptide and anticancer drug for synergistic cancer therapy. *RSC Advances*, **2017**, 7, 12886-12896	3.7	29
117	Drug Therapy: An Amphiphilic Ruthenium Polymetallodrug for Combined Photodynamic Therapy and Photochemotherapy In Vivo (Adv. Mater. 6/2017). *Advanced Materials*, **2017**, 29,	24	1
116	Nanoscience and Nanotechnology Cross Borders. *ACS Nano*, **2017**, 11, 1123-1126	16.7	3
115	ICAM-1-Targeted Liposomes Loaded with Liver X Receptor Agonists Suppress PDGF-Induced Proliferation of Vascular Smooth Muscle Cells. *Nanoscale Research Letters*, **2017**, 12, 322	5	6
114	P-gp Inhibition and Mitochondrial Impairment by Dual-Functional Nanostructure Based on Vitamin E Derivatives To Overcome Multidrug Resistance. *ACS Applied Materials & Interfaces*, **2017**, 9, 16900-16912	9.5	48
113	Transferrin-Dressed Virus-like Ternary Nanoparticles with Aggregation-Induced Emission for Targeted Delivery and Rapid Cytosolic Release of siRNA. *ACS Applied Materials & Interfaces*, **2017**, 9, 16006-16014	9.5	19
112	An Amphiphilic Ruthenium Polymetallodrug for Combined Photodynamic Therapy and Photochemotherapy In Vivo. *Advanced Materials*, **2017**, 29, 1603702	24	161
111	Spatiotemporally Controllable Peptide-Based Nanoassembly in Single Living Cells for a Biological Self-Portrait. *Advanced Materials*, **2017**, 29, 1601128	24	14
110	Colloidal Gold Nanoparticles Induce Changes in Cellular and Subcellular Morphology. *ACS Nano*, **2017**, 11, 7807-7820	16.7	60
109	Biodegradable, multifunctional DNAzyme nanoflowers for enhanced cancer therapy. *NPG Asia Materials*, **2017**, 9, e365-e365	10.3	49
108	Diverse Applications of Nanomedicine. *ACS Nano*, **2017**, 11, 2313-2381	16.7	714
107	Terrylenediimide-Based Intrinsic Theranostic Nanomedicines with High Photothermal Conversion Efficiency for Photoacoustic Imaging-Guided Cancer Therapy. *ACS Nano*, **2017**, 11, 3797-3805	16.7	192
106	Nanoparticle-based drug delivery systems: What can they really do ?. *F1000Research*, **2017**, 6, 681	3.6	38
105	Camptothecin-based nanodrug delivery systems. *Cancer Biology and Medicine*, **2017**, 14, 363-370	5.2	30
104	Cell Imaging: Spatiotemporally Controllable Peptide-Based Nanoassembly in Single Living Cells for a Biological Self-Portrait (Adv. Mater. 32/2017). *Advanced Materials*, **2017**, 29,	24	2

103	Metal-carbenicillin framework-based nanoantibiotics with enhanced penetration and highly efficient inhibition of MRSA. *Biomaterials*, **2017**, 144, 155-165	15.6	44
102	Graphene oxide-iron oxide nanocomposite as an inhibitor of A42 amyloid peptide aggregation. *Colloids and Surfaces B: Biointerfaces*, **2017**, 159, 540-545	6	12
101	Poly(vinyl methyl ether/maleic anhydride)-Doped PEG-PLA Nanoparticles for Oral Paclitaxel Delivery To Improve Bioadhesive Efficiency. *Molecular Pharmaceutics*, **2017**, 14, 3598-3608	5.6	23
100	Carrier-free, self-assembled pure drug nanorods composed of 10-hydroxycamptothecin and chlorin e6 for combinatorial chemo-photodynamic antitumor therapy in vivo. *Nanoscale*, **2017**, 9, 14347-14356	7.7	82
99	Overcoming resistance to cisplatin by inhibition of glutathione S-transferases (GSTs) with ethacraplatin micelles in vitro and in vivo. *Biomaterials*, **2017**, 144, 119-129	15.6	60
98	A Distinct Endocytic Mechanism of Functionalized-Silica Nanoparticles in Breast Cancer Stem Cells. *Scientific Reports*, **2017**, 7, 16236	4.9	16
97	Through-Bond Energy Transfer Cassette with Dual-Stokes Shifts for "Double Checked" Cell Imaging. *Advanced Science*, **2017**, 4, 1700229	13.6	18
96	Apoptosis induced by NaYF4:Eu3+ nanoparticles in liver cells via mitochondria damage dependent pathway. *Science China Chemistry*, **2017**, 60, 122-129	7.9	9
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