Xing-Jie Liang

List of Publications by Citations

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	pH-sensitive nano-systems for drug delivery in cancer therapy. *Biotechnology Advances*, **2014**, 32, 693-710	17.8	739
263	Diverse Applications of Nanomedicine. *ACS Nano*, **2017**, 11, 2313-2381	16.7	714
262	Size-dependent localization and penetration of ultrasmall gold nanoparticles in cancer cells, multicellular spheroids, and tumors in vivo. *ACS Nano*, **2012**, 6, 4483-93	16.7	590
261	Gold nanoparticles induce autophagosome accumulation through size-dependent nanoparticle uptake and lysosome impairment. *ACS Nano*, **2011**, 5, 8629-39	16.7	450
260	Size-dependent radiosensitization of PEG-coated gold nanoparticles for cancer radiation therapy. *Biomaterials*, **2012**, 33, 6408-19	15.6	357
259	The scavenging of reactive oxygen species and the potential for cell protection by functionalized fullerene materials. *Biomaterials*, **2009**, 30, 611-21	15.6	337
258	The challenge to relate the physicochemical properties of colloidal nanoparticles to their cytotoxicity. *Accounts of Chemical Research*, **2013**, 46, 743-9	24.3	297
257	Anticancer drug nanomicelles formed by self-assembling amphiphilic dendrimer to combat cancer drug resistance. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 2978-83	11.5	274
256	Carbon-dot-supported atomically dispersed gold as a mitochondrial oxidative stress amplifier for cancer treatment. *Nature Nanotechnology*, **2019**, 14, 379-387	28.7	267
255	Enhanced tumor accumulation of sub-2 nm gold nanoclusters for cancer radiation therapy. *Advanced Healthcare Materials*, **2014**, 3, 133-41	10.1	266
254	Ultrasmall gold nanoparticles as carriers for nucleus-based gene therapy due to size-dependent nuclear entry. *ACS Nano*, **2014**, 8, 5852-62	16.7	252
253	The Interplay of Size and Surface Functionality on the Cellular Uptake of Sub-10 nm Gold Nanoparticles. *ACS Nano*, **2015**, 9, 9986-93	16.7	250
252	Superior penetration and retention behavior of 50 nm gold nanoparticles in tumors. *Cancer Research*, **2013**, 73, 319-30	10.1	247
251	Therapeutic siRNA: state of the art. *Signal Transduction and Targeted Therapy*, **2020**, 5, 101	21	243
250	Theranostic nanoparticles engineered for clinic and pharmaceutics. *Accounts of Chemical Research*, **2011**, 44, 1114-22	24.3	228
249	Metallofullerene nanoparticles circumvent tumor resistance to cisplatin by reactivating endocytosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 7449-54	11.5	206
248	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

247	Near-Infrared Emission CuInS/ZnS Quantum Dots: All-in-One Theranostic Nanomedicines with Intrinsic Fluorescence/Photoacoustic Imaging for Tumor Phototherapy. *ACS Nano*, **2016**, 10, 9637-9645	16.7	179
246	Nanotechnology-based strategies for treatment of ocular disease. *Acta Pharmaceutica Sinica B*, **2017**, 7, 281-291	15.5	177
245	Near-Infrared (NIR)-Absorbing Conjugated Polymer Dots as Highly Effective Photothermal Materials for In Vivo Cancer Therapy. *Chemistry of Materials*, **2016**, 28, 8669-8675	9.6	169
244	Spatiotemporal drug release visualized through a drug delivery system with tunable aggregation-induced emission. *Advanced Materials*, **2014**, 26, 712-7	24	164
243	An Amphiphilic Ruthenium Polymetallodrug for Combined Photodynamic Therapy and Photochemotherapy In Vivo. *Advanced Materials*, **2017**, 29, 1603702	24	161
242	Comprehensive understanding of magnetic hyperthermia for improving antitumor therapeutic efficacy. *Theranostics*, **2020**, 10, 3793-3815	12.1	157
241	Functionalized nanoscale micelles improve drug delivery for cancer therapy in vitro and in vivo. *Nano Letters*, **2013**, 13, 2528-34	11.5	157
240	Interfacing engineered nanoparticles with biological systems: anticipating adverse nano-bio interactions. *Small*, **2013**, 9, 1573-84	11	154
239	Hybrid Mesoporous Silica-Based Drug Carrier Nanostructures with Improved Degradability by Hydroxyapatite. *ACS Nano*, **2015**, 9, 9614-25	16.7	151
238	Enhanced siRNA delivery and silencing gold-chitosan nanosystem with surface charge-reversal polymer assembly and good biocompatibility. *ACS Nano*, **2012**, 6, 7340-51	16.7	147
237	Co-Delivery of Cisplatin Prodrug and Chlorin e6 by Mesoporous Silica Nanoparticles for Chemo-Photodynamic Combination Therapy to Combat Drug Resistance. *ACS Applied Materials & Interfaces*, **2016**, 8, 13332-40	9.5	142
236	In vivo tumor-targeted dual-modal fluorescence/CT imaging using a nanoprobe co-loaded with an aggregation-induced emission dye and gold nanoparticles. *Biomaterials*, **2015**, 42, 103-11	15.6	138
235	Potent angiogenesis inhibition by the particulate form of fullerene derivatives. *ACS Nano*, **2010**, 4, 2773-83	16.7	134
234	Self-Supply of O and HO by a Nanocatalytic Medicine to Enhance Combined Chemo/Chemodynamic Therapy. *Advanced Science*, **2019**, 6, 1902137	13.6	133
233	Imaging intracellular anticancer drug delivery by self-assembly micelles with aggregation-induced emission (AIE micelles). *ACS Applied Materials & Interfaces*, **2014**, 6, 5212-20	9.5	131
232	Thermo-responsive triple-function nanotransporter for efficient chemo-photothermal therapy of multidrug-resistant bacterial infection. *Nature Communications*, **2019**, 10, 4336	17.4	128
231	Nanoscale Metal-Organic Framework Mediates Radical Therapy to Enhance Cancer Immunotherapy. *CheM*, **2019**, 5, 1892-1913	16.2	127
230	A Photosensitizer-Loaded DNA Origami Nanosystem for Photodynamic Therapy. *ACS Nano*, **2016**, 10, 3486-95	16.7	122

229	Neuropilin-1-targeted gold nanoparticles enhance therapeutic efficacy of platinum(IV) drug for prostate cancer treatment. *ACS Nano*, **2014**, 8, 4205-20	16.7	118
228	Magnetic field and nano-scaffolds with stem cells to enhance bone regeneration. *Biomaterials*, **2018**, 183, 151-170	15.6	117
227	Future of nanotherapeutics: Targeting the cellular sub-organelles. *Biomaterials*, **2016**, 97, 10-21	15.6	117
226	Natural Berberine-Based Chinese Herb Medicine Assembled Nanostructures with Modified Antibacterial Application. *ACS Nano*, **2019**, 13, 6770-6781	16.7	115
225	RNAi therapeutic and its innovative biotechnological evolution. *Biotechnology Advances*, **2019**, 37, 801-825	17.8	115
224	Biomimetic O-Evolving metal-organic framework nanoplatform for highly efficient photodynamic therapy against hypoxic tumor. *Biomaterials*, **2018**, 178, 83-94	15.6	109
223	Inhibition of tumor growth by endohedral metallofullerenol nanoparticles optimized as reactive oxygen species scavenger. *Molecular Pharmacology*, **2008**, 74, 1132-40	4.3	109
222	Self-carried curcumin nanoparticles for in vitro and in vivo cancer therapy with real-time monitoring of drug release. *Nanoscale*, **2015**, 7, 13503-10	7.7	108
221	Multifunctional hybrid silica nanoparticles for controlled doxorubicin loading and release with thermal and pH dually response. *Journal of Materials Chemistry B*, **2013**, 1, 1109-1118	7.3	106
220	Biodegradable Conjugated Oligomer Nanoparticles with High Photothermal Conversion Efficiency for Cancer Theranostics. *ACS Nano*, **2019**, 13, 12901-12911	16.7	104
219	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
218	pH-responsive mesoporous silica nanoparticles employed in controlled drug delivery systems for cancer treatment. *Cancer Biology and Medicine*, **2014**, 11, 34-43	5.2	96
217	Dual Drug Backboned Shattering Polymeric Theranostic Nanomedicine for Synergistic Eradication of Patient-Derived Lung Cancer. *Advanced Materials*, **2018**, 30, 1706220	24	95
216	Aggregation-Induced Emission: Lighting up Cells, Revealing Life!. *Small*, **2016**, 12, 6451-6477	11	95
215	The challenge and prospect of mRNA therapeutics landscape. *Biotechnology Advances*, **2020**, 40, 107534	17.8	93
214	Ferrimagnetic Vortex Nanoring-Mediated Mild Magnetic Hyperthermia Imparts Potent Immunological Effect for Treating Cancer Metastasis. *ACS Nano*, **2019**, 13, 8811-8825	16.7	93
213	Innovative pharmaceutical development based on unique properties of nanoscale delivery formulation. *Nanoscale*, **2013**, 5, 8307-8325	7.7	91
212	Nanodrug Formed by Coassembly of Dual Anticancer Drugs to Inhibit Cancer Cell Drug Resistance. *ACS Applied Materials & Interfaces*, **2015**, 7, 19295-305	9.5	89

211	Single-walled carbon nanotubes alleviate autophagic/lysosomal defects in primary glia from a mouse model of Alzheimer's disease. *Nano Letters*, **2014**, 14, 5110-7	11.5	89
210	Fully Zwitterionic Nanoparticle Antimicrobial Agents through Tuning of Core Size and Ligand Structure. *ACS Nano*, **2016**, 10, 8732-7	16.7	87
209	Enhanced endosomal/lysosomal escape by distearoyl phosphoethanolamine-polycarboxybetaine lipid for systemic delivery of siRNA. *Journal of Controlled Release*, **2014**, 176, 104-14	11.7	86
208	Gadolinium metallofullerenol nanoparticles inhibit cancer metastasis through matrix metalloproteinase inhibition: imprisoning instead of poisoning cancer cells. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2012**, 8, 136-46	6	86
207	Inorganic Nanomaterials as Carriers for Drug Delivery. *Journal of Biomedical Nanotechnology*, **2016**, 12, 1-27	4	85
206	SIRT1 contributes in part to cisplatin resistance in cancer cells by altering mitochondrial metabolism. *Molecular Cancer Research*, **2008**, 6, 1499-506	6.6	84
205	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
204	Proton-driven transformable nanovaccine for cancer immunotherapy. *Nature Nanotechnology*, **2020**, 15, 1053-1064	28.7	83
203	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
202	Cell membrane tracker based on restriction of intramolecular rotation. *ACS Applied Materials & Interfaces*, **2014**, 6, 8971-5	9.5	82
201	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
200	Bone-Targeted Nanoplatform Combining Zoledronate and Photothermal Therapy To Treat Breast Cancer Bone Metastasis. *ACS Nano*, **2019**, 13, 7556-7567	16.7	81
199	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
198	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
197	Single-walled carbon nanotubes alter cytochrome c electron transfer and modulate mitochondrial function. *ACS Nano*, **2012**, 6, 10486-96	16.7	80
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195	Probe-inspired nano-prodrug with dual-color fluorogenic property reveals spatiotemporal drug release in living cells. *ACS Nano*, **2015**, 9, 2729-39	16.7	78
194	Ternary complexes of amphiphilic polycaprolactone-graft-poly (N,N-dimethylaminoethyl methacrylate), DNA and polyglutamic acid-graft-poly(ethylene glycol) for gene delivery. *Biomaterials*, **2011**, 32, 4283-92	15.6	76

193	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
192	Mislocalization of membrane proteins associated with multidrug resistance in cisplatin-resistant cancer cell lines. *Cancer Research*, **2003**, 63, 5909-16	10.1	70
191	Gene transfection efficacy and biocompatibility of polycation/DNA complexes coated with enzyme degradable PEGylated hyaluronic acid. *Biomaterials*, **2013**, 34, 6495-503	15.6	68
190	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
189	Antisense Oligonucleotide-Conjugated Nanostructure-Targeting lncRNA MALAT1 Inhibits Cancer Metastasis. *ACS Applied Materials & Interfaces*, **2019**, 11, 37-42	9.5	66
188	The Promising Nanocarrier for Doxorubicin and siRNA Co-delivery by PDMAEMA-based Amphiphilic Nanomicelles. *ACS Applied Materials & Interfaces*, **2016**, 8, 4347-56	9.5	65
187	Light-activatable liposomes for repetitive on-demand drug release and immunopotentiation in hypoxic tumor therapy. *Biomaterials*, **2021**, 265, 120456	15.6	64
186	Seedless synthesis of high aspect ratio gold nanorods with high yield. *Journal of Materials Chemistry A*, **2014**, 2, 3528	13	62
185	Gold-DNA nanosunflowers for efficient gene silencing with controllable transformation. *Science Advances*, **2019**, 5, eaaw6264	14.3	61
184	Co-localized delivery of nanomedicine and nanovaccine augments the postoperative cancer immunotherapy by amplifying T-cell responses. *Biomaterials*, **2020**, 230, 119649	15.6	61
183	Ultrasmall gold nanoparticles in cancer diagnosis and therapy. *Theranostics*, **2020**, 10, 4944-4957	12.1	61
182	Colloidal Gold Nanoparticles Induce Changes in Cellular and Subcellular Morphology. *ACS Nano*, **2017**, 11, 7807-7820	16.7	60
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180	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
179	Synergistically Enhanced Therapeutic Effect of a Carrier-Free HCPT/DOX Nanodrug on Breast Cancer Cells through Improved Cellular Drug Accumulation. *Molecular Pharmaceutics*, **2015**, 12, 2237-44	5.6	59
178	Red-Light-Controlled Release of DrugRu Complex Conjugates from Metallopolymer Micelles for Phototherapy in Hypoxic Tumor Environments. *Advanced Functional Materials*, **2018**, 28, 1804227	15.6	56
177	Enhanced Radiosensitization by Gold Nanoparticles with Acid-Triggered Aggregation in Cancer Radiotherapy. *Advanced Science*, **2019**, 6, 1801806	13.6	56
176	Progress and perspective of inorganic nanoparticle-based siRNA delivery systems. *Expert Opinion on Drug Delivery*, **2016**, 13, 547-59	8	55

175	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
174	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
173	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
172	Endocytic recycling compartments altered in cisplatin-resistant cancer cells. *Cancer Research*, **2006**, 66, 2346-53	10.1	53
171	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
170	Trafficking and localization of platinum complexes in cisplatin-resistant cell lines monitored by fluorescence-labeled platinum. *Journal of Cellular Physiology*, **2005**, 202, 635-41	7	51
169	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
168	Biodegradable, multifunctional DNAzyme nanoflowers for enhanced cancer therapy. *NPG Asia Materials*, **2017**, 9, e365-e365	10.3	49
167	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
166	"Sheddable" PEG-lipid to balance the contradiction of PEGylation between long circulation and poor uptake. *Nanoscale*, **2016**, 8, 10832-42	7.7	47
165	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
164	Fighting against Drug-Resistant Tumors using a Dual-Responsive Pt(IV)/Ru(II) Bimetallic Polymer. *Advanced Materials*, **2020**, 32, e2004766	24	46
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162	Quercetin-loaded nanomicelles to circumvent human castration-resistant prostate cancer in vitro and in vivo. *Nanoscale*, **2016**, 8, 5126-38	7.7	44
161	Metal-carbenicillin framework-based nanoantibiotics with enhanced penetration and highly efficient inhibition of MRSA. *Biomaterials*, **2017**, 144, 155-165	15.6	44
160	Metallofullerene nanoparticles promote osteogenic differentiation of bone marrow stromal cells through BMP signaling pathway. *Nanoscale*, **2013**, 5, 1205-12	7.7	43
159	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
158	Improved Nucleic Acid Therapy with Advanced Nanoscale Biotechnology. *Molecular Therapy - Nucleic Acids*, **2020**, 19, 581-601	10.7	41

157	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
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155	Nanoparticle-based drug delivery systems: What can they really do ?. *F1000Research*, **2017**, 6, 681	3.6	38
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153	Aggregated single-walled carbon nanotubes attenuate the behavioural and neurochemical effects of methamphetamine in mice. *Nature Nanotechnology*, **2016**, 11, 613-20	28.7	38
152	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
151	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
150	Effects of the physicochemical properties of gold nanostructures on cellular internalization. *International Journal of Energy Production and Management*, **2015**, 2, 273-80	5.3	35
149	Defect-Related Luminescent Hydroxyapatite-Enhanced Osteogenic Differentiation of Bone Mesenchymal Stem Cells Via an ATP-Induced cAMP/PKA Pathway. *ACS Applied Materials & Interfaces*, **2016**, 8, 11262-71	9.5	34
148	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
147	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
146	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
145	Renal-clearable quaternary chalcogenide nanocrystal for photoacoustic/magnetic resonance imaging guided tumor photothermal therapy. *Biomaterials*, **2018**, 159, 108-118	15.6	33
144	Self-assembling nanowires of an amphiphilic camptothecin prodrug derived from homologous derivative conjugation. *Chemical Communications*, **2016**, 52, 14145-14148	5.8	31
143	Biomimetic carbon nanotubes for neurological disease therapeutics as inherent medication. *Acta Pharmaceutica Sinica B*, **2020**, 10, 239-248	15.5	31
142	Membrane-destabilizing ionizable lipid empowered imaging-guided siRNA delivery and cancer treatment. *Exploration*, **2021**, 1, 35-49		31
141	Camptothecin-based nanodrug delivery systems. *Cancer Biology and Medicine*, **2017**, 14, 363-370	5.2	30
140	Highly Sensitive Simultaneous Detection of Mercury and Copper Ions by Ultrasmall Fluorescent DNA-Ag Nanoclusters. *New Journal of Chemistry*, **2014**, 38, 1546-1550	3.6	30

139	Artificial Nanotargeted Cells with Stable Photothermal Performance for Multimodal Imaging-Guided Tumor-Specific Therapy. *ACS Nano*, **2020**, 14, 12652-12667	16.7	30
138	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
137	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
136	Temperature-Sensitive Lipid-Coated Carbon Nanotubes for Synergistic Photothermal Therapy and Gene Therapy. *ACS Nano*, **2021**, 15, 6517-6529	16.7	29
135	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
134	Defect-related luminescent mesoporous silica nanoparticles employed for novel detectable nanocarrier. *ACS Applied Materials & Interfaces*, **2015**, 7, 10905-14	9.5	27
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132	Nanomicelle-Assisted Targeted Ocular Delivery with Enhanced Antiinflammatory Efficacy In Vivo. *Advanced Science*, **2018**, 5, 1700455	13.6	27
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130	A pleiotropic defect reducing drug accumulation in cisplatin-resistant cells. *Journal of Inorganic Biochemistry*, **2004**, 98, 1599-606	4.2	25
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124	Systemic Administration of siRNA via cRGD-containing Peptide. *Scientific Reports*, **2015**, 5, 12458	4.9	23
123	Nano-herb medicine and PDT induced synergistic immunotherapy for colon cancer treatment. *Biomaterials*, **2021**, 269, 120654	15.6	23
122	Dendrimeric nanosystem consistently circumvents heterogeneous drug response and resistance in pancreatic cancer. *Exploration*, **2021**, 1, 21-34		23

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120	A Carrier-Free Nanostructure Based on Platinum(IV) Prodrug Enhances Cellular Uptake and Cytotoxicity. *Molecular Pharmaceutics*, **2018**, 15, 1724-1728	5.6	21
119	Modified bovine serum albumin as an effective charge-reversal platform for simultaneously improving the transfection efficiency and biocompatibility of polyplexes. *Journal of Materials Chemistry B*, **2015**, 3, 4698-4706	7.3	20
118	Dually Enzyme- and Acid-Triggered Self-Immolative Ketal Glycoside Nanoparticles for Effective Cancer Prodrug Monotherapy. *Nano Letters*, **2020**, 20, 5465-5472	11.5	20
117	Metal-Based Nanocatalyst for Combined Cancer Therapeutics. *Bioconjugate Chemistry*, **2020**, 31, 1247-1258	4.3	20
116	Improved pharmaceutical research and development with AIE-based nanostructures. *Materials Horizons*, **2018**, 5, 799-812	14.4	20
115	Core Role of Hydrophobic Core of Polymeric Nanomicelle in Endosomal Escape of siRNA. *Nano Letters*, **2021**, 21, 3680-3689	11.5	20
114	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
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	Systemic and tumor-targeted delivery of siRNA by cyclic NGR and isoDGR motif-containing peptides. *Biomaterials Science*, **2016**, 4, 494-510	7.4	19
111	Ultrasmall Gold Nanoparticles Behavior in Vivo Modulated by Surface Polyethylene Glycol (PEG) Grafting. *Bioconjugate Chemistry*, **2017**, 28, 239-243	6.3	19
110	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
109	Anchoring Effects of Surface Chemistry on Gold Nanorods: Modulates Autophagy. *Journal of Materials Chemistry B*, **2015**, 3, 3324-3330	7.3	18
108	Through-Bond Energy Transfer Cassette with Dual-Stokes Shifts for "Double Checked" Cell Imaging. *Advanced Science*, **2017**, 4, 1700229	13.6	18
107	X-ray-Based Techniques to Study the Nano-Bio Interface. *ACS Nano*, **2021**, 15, 3754-3807	16.7	18
106	Structure-dependent mitochondrial dysfunction and hypoxia induced with single-walled carbon nanotubes. *Small*, **2014**, 10, 2859-69	11	17
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104	Nanomaterial-assisted sensitization of oncotherapy. *Nano Research*, **2018**, 11, 2932-2950	10	16

103	A Distinct Endocytic Mechanism of Functionalized-Silica Nanoparticles in Breast Cancer Stem Cells. *Scientific Reports*, **2017**, 7, 16236	4.9	16
102	Enhanced dispersibility and cellular transmembrane capability of single-wall carbon nanotubes by polycyclic organic compounds as chaperon. *Nanoscale*, **2012**, 4, 3983-9	7.7	16
101	Polymer-Based Nanomaterials for Noninvasive Cancer Photothermal Therapy. *ACS Applied Polymer Materials*, **2020**, 2, 4289-4305	4.3	16
100	Nanoscale drug delivery systems for controllable drug behaviors by multi-stage barrier penetration. *Journal of Controlled Release*, **2021**, 331, 282-295	11.7	16
99	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
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