

Youqing Shen

List of Publications by Citations

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315
papers

15,499
citations

64
h-index

116
g-index

334
ext. papers

18,181
ext. citations

9.1
avg, IF

6.87
L-index

#	Paper	IF	Citations
315	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017 , 11, 2313-2381	16.7	714
314	Rational Design of Cancer Nanomedicine: Nanoproperty Integration and Synchronization. <i>Advanced Materials</i> , 2017 , 29, 1606628	24	545
313	Prodrugs forming high drug loading multifunctional nanocapsules for intracellular cancer drug delivery. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4259-65	16.4	482
312	The Role of Micelle Size in Tumor Accumulation, Penetration, and Treatment. <i>ACS Nano</i> , 2015 , 9, 7195-2006.7	20.7	444
311	Supported absorption of CO ₂ by tetrabutylphosphonium amino acid ionic liquids. <i>Chemistry - A European Journal</i> , 2006 , 12, 4021-6	4.8	432
310	In vivo and in situ tracking cancer chemotherapy by highly photostable NIR fluorescent theranostic prodrug. <i>Journal of the American Chemical Society</i> , 2014 , 136, 3579-88	16.4	411
309	Fabrication of micellar nanoparticles for drug delivery through the self-assembly of block copolymers. <i>Progress in Polymer Science</i> , 2010 , 35, 1128-1143	29.6	392
308	Enzyme-activatable polymer-drug conjugate augments tumour penetration and treatment efficacy. <i>Nature Nanotechnology</i> , 2019 , 14, 799-809	28.7	327
307	Targeted charge-reversal nanoparticles for nuclear drug delivery. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4999-5002	16.4	325
306	Tumor redox heterogeneity-responsive prodrug nanocapsules for cancer chemotherapy. <i>Advanced Materials</i> , 2013 , 25, 3670-6	24	305
305	Acid-active cell-penetrating peptides for in vivo tumor-targeted drug delivery. <i>Journal of the American Chemical Society</i> , 2013 , 135, 933-40	16.4	269
304	Charge-Reversal Drug Conjugate for Targeted Cancer Cell Nuclear Drug Delivery. <i>Advanced Functional Materials</i> , 2009 , 19, 3580-3589	15.6	266
303	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
302	Integration of nanoassembly functions for an effective delivery cascade for cancer drugs. <i>Advanced Materials</i> , 2014 , 26, 7615-21	24	253
301	Enhanced CO ₂ Absorption of Poly(ionic liquid)s. <i>Macromolecules</i> , 2005 , 38, 2037-2039	5.5	248
300	Fusogenic Reactive Oxygen Species Triggered Charge-Reversal Vector for Effective Gene Delivery. <i>Advanced Materials</i> , 2016 , 28, 1743-52	24	238
299	Nonviral cancer gene therapy: Delivery cascade and vector nanoproperty integration. <i>Advanced Drug Delivery Reviews</i> , 2017 , 115, 115-154	18.5	237

298	A Tumor-Specific Cascade Amplification Drug Release Nanoparticle for Overcoming Multidrug Resistance in Cancers. <i>Advanced Materials</i> , 2017 , 29, 1702342	24	209
297	Catalyst separation in atom transfer radical polymerization. <i>Progress in Polymer Science</i> , 2004 , 29, 1053-1078	10.7	204
296	Carbon nanotube composite membranes of brominated poly(2,6-diphenyl-1,4-phenylene oxide) for gas separation. <i>Journal of Membrane Science</i> , 2007 , 294, 178-185	9.6	192
295	Challenges in design of translational nanocarriers. <i>Journal of Controlled Release</i> , 2012 , 164, 156-69	11.7	191
294	Poly(ionic liquid)s as new materials for CO ₂ absorption. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 5477-5489	15.8	185
293	Flue-Gas Carbon Capture on Carbonaceous Sorbents: Toward a Low-Cost Multifunctional Carbon Filter for Green Energy Producers. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 3783-3794	3.9	181
292	Anticancer efficacies of cisplatin-releasing pH-responsive nanoparticles. <i>Biomacromolecules</i> , 2006 , 7, 829-35	6.9	149
291	Esterase-Activated Charge-Reversal Polymer for Fibroblast-Exempt Cancer Gene Therapy. <i>Advanced Materials</i> , 2016 , 28, 10613-10622	24	144
290	Linear-dendritic drug conjugates forming long-circulating nanorods for cancer-drug delivery. <i>Biomaterials</i> , 2013 , 34, 5722-35	15.6	139
289	Highly active copper-based catalyst for atom transfer radical polymerization. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16277-85	16.4	132
288	Enhanced stability of core-surface cross-linked micelles fabricated from amphiphilic brush copolymers. <i>Biomacromolecules</i> , 2004 , 5, 1736-44	6.9	132
287	Atom transfer radical polymerization of styrenic ionic liquid monomers and carbon dioxide absorption of the polymerized ionic liquids. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 1432-1443	2.5	129
286	Low-pressure CO ₂ sorption in ammonium-based poly(ionic liquid)s. <i>Polymer</i> , 2005 , 46, 12460-12467	3.9	126
285	The Blood Clearance Kinetics and Pathway of Polymeric Micelles in Cancer Drug Delivery. <i>ACS Nano</i> , 2018 , 12, 6179-6192	16.7	125
284	Synthesis and Characterization of Comb-Branched Polyelectrolytes. 1. Preparation of Cationic Macromonomer of 2-(Dimethylamino)ethyl Methacrylate by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2000 , 33, 1628-1635	5.5	122
283	Poly(ionic liquid)s as Optically Transparent Microwave-Absorbing Materials. <i>Macromolecules</i> , 2008 , 41, 493-496	5.5	119
282	Preparation, surface functionalization and application of FeO magnetic nanoparticles. <i>Advances in Colloid and Interface Science</i> , 2020 , 281, 102165	14.3	116
281	Macromolecular MRI contrast agents: Structures, properties and applications. <i>Progress in Polymer Science</i> , 2013 , 38, 462-502	29.6	115

280	Atom transfer radical polymerization of ionic liquid 2-(1-butylimidazolium-3-yl)ethyl methacrylate tetrafluoroborate. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 5794-5801	2.5	115
279	Nuclear drug delivery for cancer chemotherapy. <i>Journal of Controlled Release</i> , 2011 , 155, 227-36	11.7	110
278	Dual-channel NIR activatable theranostic prodrug for spatiotemporal tracking thiol-triggered chemotherapy. <i>Chemical Science</i> , 2016 , 7, 4958-4965	9.4	110
277	Ionic Liquid Catalyst for Biphasic Atom Transfer Radical Polymerization of Methyl Methacrylate. <i>Macromolecules</i> , 2005 , 38, 5921-5928	5.5	106
276	Viral mimicking ternary polyplexes: a reduction-controlled hierarchical unpacking vector for gene delivery. <i>Advanced Materials</i> , 2014 , 26, 1534-40	24	104
275	Facile synthesis of polyester dendrimers from sequential click coupling of asymmetrical monomers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 14795-803	16.4	99
274	Atom Transfer Radical Polymerization of Methyl Methacrylate by Silica Gel Supported Copper Bromide/Multidentate Amine. <i>Macromolecules</i> , 2000 , 33, 5427-5431	5.5	99
273	Self-assembling doxorubicin prodrug forming nanoparticles for cancer chemotherapy: synthesis and anticancer study in vitro and in vivo. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 284-292	7.3	95
272	Isothermal Carbon Dioxide Sorption in Poly(ionic liquid)s. <i>Industrial & Engineering Chemistry Research</i> , 2009 , 48, 9113-9118	3.9	94
271	Conjugate of Pt(IV)-histone deacetylase inhibitor as a prodrug for cancer chemotherapy. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2793-800	5.6	91
270	Charge-reversal polyamidoamine dendrimer for cascade nuclear drug delivery. <i>Nanomedicine</i> , 2010 , 5, 1205-17	5.6	91
269	CuBr ₂ /N,N,N',N'-Tetra[(2-pyridyl)methyl]ethylenediamine/Tertiary Amine as a Highly Active and Versatile Catalyst for Atom-Transfer Radical Polymerization via Activator Generated by Electron Transfer. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1127-1131	4.8	88
268	Novel SN38 conjugate-forming nanoparticles as anticancer prodrug: in vitro and in vivo studies. <i>Journal of Controlled Release</i> , 2013 , 166, 147-58	11.7	86
267	Molecularly precise dendrimer-drug conjugates with tunable drug release for cancer therapy. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 10949-55	16.4	81
266	Curcumin Micelles Remodel Tumor Microenvironment and Enhance Vaccine Activity in an Advanced Melanoma Model. <i>Molecular Therapy</i> , 2016 , 24, 364-374	11.7	79
265	Amphiphilic curcumin conjugate-forming nanoparticles as anticancer prodrug and drug carriers: in vitro and in vivo effects. <i>Nanomedicine</i> , 2010 , 5, 855-65	5.6	79
264	Synthesis and characterization of highly random copolymer of ϵ -caprolactone and D,L-lactide using rare earth catalyst. <i>Journal of Polymer Science Part A</i> , 1996 , 34, 1799-1805	2.5	79
263	Degradable poly(beta-amino ester) nanoparticles for cancer cytoplasmic drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2009 , 5, 192-201	6	77

262	Magnetic Nanoparticle Supported Catalyst for Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2006 , 39, 6399-6405	5.5	77
261	Platinum (IV)-coordinate polymers as intracellular reduction-responsive backbone-type conjugates for cancer drug delivery. <i>Biomaterials</i> , 2011 , 32, 9136-43	15.6	76
260	Versatile Initiators for Macromonomer Syntheses of Acrylates, Methacrylates, and Styrene by Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2000 , 33, 5399-5404	5.5	71
259	Advanced functional polymer materials. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 1803-1915	7.8	70
258	Intracellularly Disintegratable Polysulfoniums for Efficient Gene Delivery. <i>Advanced Functional Materials</i> , 2017 , 27, 1606826	15.6	69
257	Constructing NIR silica-ryanine hybrid nanocomposite for bioimaging in vivo: a breakthrough in photo-stability and bright fluorescence with large Stokes shift. <i>Chemical Science</i> , 2013 , 4, 1221	9.4	69
256	Virion-mimicking nanocapsules from pH-controlled hierarchical self-assembly for gene delivery. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 1260-4	16.4	69
255	Effect of Ligand Spacer on Silica Gel Supported Atom Transfer Radical Polymerization of Methyl Methacrylate. <i>Macromolecules</i> , 2001 , 34, 5812-5818	5.5	69
254	Application and design of esterase-responsive nanoparticles for cancer therapy. <i>Drug Delivery</i> , 2019 , 26, 416-432	7	68
253	Tumor extravasation and infiltration as barriers of nanomedicine for high efficacy: The current status and transcytosis strategy. <i>Biomaterials</i> , 2020 , 240, 119902	15.6	65
252	Atom Transfer Radical Polymerization of Methyl Methacrylate Mediated by Copper Bromide/Tetraethyldiethylenetriamine Grafted on Soluble and Recoverable Poly(ethylene-b-ethylene glycol) Supports. <i>Macromolecules</i> , 2001 , 34, 8603-8609	5.5	64
251	Soluble and Recoverable Support for Copper Bromide-Mediated Living Radical Polymerization. <i>Macromolecules</i> , 2001 , 34, 3182-3185	5.5	64
250	Brominated Poly(2,6-diphenyl-1,4-phenylene oxide) and Its Silica Nanocomposite Membranes for Gas Separation. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 2567-2575	3.9	62
249	A MnO Nanoparticle-Dotted Hydrogel Promotes Spinal Cord Repair Regulating Reactive Oxygen Species Microenvironment and Synergizing with Mesenchymal Stem Cells. <i>ACS Nano</i> , 2019 , 13, 14283-14293	16.7	62
248	Degradable dual pH- and temperature-responsive photoluminescent dendrimers. <i>Chemistry - A European Journal</i> , 2011 , 17, 5319-26	4.8	59
247	Magnetic suspension balance study of carbon dioxide solubility in ammonium-based polymerized ionic liquids: Poly(p-vinylbenzyltrimethyl ammonium tetrafluoroborate) and poly([2-(methacryloyloxy)ethyl] trimethyl ammonium tetrafluoroborate). <i>Fluid Phase Equilibria</i> , 2007 , 256, 75-80	2.5	59
246	Amphiphilic drugs as surfactants to fabricate excipient-free stable nanodispersions of hydrophobic drugs for cancer chemotherapy. <i>Journal of Controlled Release</i> , 2015 , 220, 175-179	11.7	57
245	Redox-Activated Light-Up Nanomicelle for Precise Imaging-Guided Cancer Therapy and Real-Time Pharmacokinetic Monitoring. <i>ACS Nano</i> , 2016 , 10, 11385-11396	16.7	57

244	Simultaneous adsorption of heavy metals and organic dyes by Cyclodextrin-Chitosan based cross-linked adsorbent. <i>Carbohydrate Polymers</i> , 2021 , 255, 117486	10.3	56
243	Continuous atom transfer radical block copolymerization of methacrylates. <i>AIChE Journal</i> , 2002 , 48, 2609-2619	9.2	55
242	Carbon Dioxide Solubility in Polymerized Ionic Liquids Containing Ammonium and Imidazolium Cations from Magnetic Suspension Balance: P[VBTMA][BF ₄] and P[VBMI][BF ₄]. <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 5542-5547	3.9	54
241	Reversible Catalyst Supporting via Hydrogen-Bonding-Mediated Self-Assembly for Atom Transfer Radical Polymerization of MMA. <i>Macromolecules</i> , 2004 , 37, 1728-1734	5.5	53
240	Enzyme-Triggered Transcytosis of Dendrimer-Drug Conjugate for Deep Penetration into Pancreatic Tumors. <i>ACS Nano</i> , 2020 , 14, 4890-4904	16.7	53
239	Macrophages as Active Nanocarriers for Targeted Early and Adjuvant Cancer Chemotherapy. <i>Small</i> , 2016 , 12, 5108-5119	11	52
238	Functional and biodegradable dendritic macromolecules with controlled architectures as nontoxic and efficient nanoscale gene vectors. <i>Biotechnology Advances</i> , 2014 , 32, 818-30	17.8	52
237	Recent Progress in Fluorescence Imaging of the Near-Infrared II Window. <i>ChemBioChem</i> , 2018 , 19, 2522-2541	3.5	51
236	Linear polyethyleneimine-based charge-reversal nanoparticles for nuclear-targeted drug delivery. <i>Journal of Materials Chemistry</i> , 2011 , 21, 19114		50
235	A non-cytotoxic dendrimer with innate and potent anticancer and anti-metastatic activities. <i>Nature Biomedical Engineering</i> , 2017 , 1, 745-757	19	49
234	Logical design and application of prodrug platforms. <i>Polymer Chemistry</i> , 2019 , 10, 306-324	4.9	48
233	pH-responsive nanoparticles for cancer drug delivery. <i>Methods in Molecular Biology</i> , 2008 , 437, 183-216	1.4	47
232	Enzyme-Responsive Charge-Reversal Polymer-Mediated Effective Gene Therapy for Intraperitoneal Tumors. <i>Biomacromolecules</i> , 2018 , 19, 2308-2319	6.9	46
231	Atom transfer radical polymerization of methyl methacrylate via reversibly supported catalysts on silica gel via self-assembly. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 22-30	2.5	46
230	Poly(lactide)-tethered prodrugs in polymeric nanoparticles as reliable nanomedicines for the efficient eradication of patient-derived hepatocellular carcinoma. <i>Theranostics</i> , 2018 , 8, 3949-3963	12.1	45
229	Reactive oxygen species (ROS)-responsive nanomedicine for RNAi-based cancer therapy. <i>Nanoscale</i> , 2017 , 10, 203-214	7.7	45
228	Atom transfer radical polymerization and copolymerization of vinyl acetate catalyzed by copper halide/terpyridine. <i>AIChE Journal</i> , 2009 , 55, 737-746	3.6	43
227	Tertiary Amine Enhanced Activity of ATRP Catalysts CuBr/TPMA and CuBr/Me6TREN. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 1834-1838	4.8	43

226	Nanocomposite Membranes for CO ₂ Separations: Silica/Brominated Poly(phenylene oxide). <i>Industrial & Engineering Chemistry Research</i> , 2007 , 46, 1547-1551	3.9	43
225	Facile synthesis of semi-library of low charge density cationic polyesters from poly(alkylene maleate)s for efficient local gene delivery. <i>Biomaterials</i> , 2018 , 178, 559-569	15.6	42
224	Ring Opening Polymerization of ε-Caprolactone by Rare Earth Alkoxide/Cl ₄ Systems. <i>Polymer Journal</i> , 1995 , 27, 59-64	2.7	42
223	Targeting death receptors for drug-resistant cancer therapy: Codelivery of pTRAIL and monensin using dual-targeting and stimuli-responsive self-assembling nanocomposites. <i>Biomaterials</i> , 2018 , 158, 56-73	15.6	41
222	Targeted Co-delivery of PTX and TR3 siRNA by PTP Peptide Modified Dendrimer for the Treatment of Pancreatic Cancer. <i>Small</i> , 2017 , 13, 1602697	11	40
221	NIR-II bioimaging of small organic molecule. <i>Biomaterials</i> , 2021 , 271, 120717	15.6	40
220	A multifunctional PEG-PLL drug conjugate forming redox-responsive nanoparticles for intracellular drug delivery. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 7594-7603	7.3	38
219	Enhanced tumour penetration and prolonged circulation in blood of polyzwitterion-drug conjugates with cell-membrane affinity. <i>Nature Biomedical Engineering</i> , 2021 , 5, 1019-1037	19	37
218	Investigation of rare earth upconversion fluorescent nanoparticles in biomedical field. <i>Nanotechnology Reviews</i> , 2019 , 8, 1-17	6.3	36
217	Terminating the criminal collaboration in pancreatic cancer: Nanoparticle-based synergistic therapy for overcoming fibroblast-induced drug resistance. <i>Biomaterials</i> , 2017 , 144, 105-118	15.6	36
216	Random copolymerization of ε-caprolactone and trimethylene carbonate with rare earth catalysts. <i>Journal of Applied Polymer Science</i> , 1997 , 64, 2131-2139	2.9	36
215	Efficient photocatalytic degradation of toxic Alizarin yellow R dye from industrial wastewater using biosynthesized Fe nanoparticle and study of factors affecting the degradation rate. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020 , 202, 111682	6.7	36
214	Integration of Polymerization and Biomineralization as a Strategy to Facilely Synthesize Nanotheranostic Agents. <i>ACS Nano</i> , 2018 , 12, 12682-12691	16.7	36
213	Synthesis of degradable functional poly(ethylene glycol) analogs as versatile drug delivery carriers. <i>Macromolecular Bioscience</i> , 2007 , 7, 1187-98	5.5	35
212	Redox-Activatable ATP-Depleting Micelles with Dual Modulation Characteristics for Multidrug-Resistant Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601293	10.1	34
211	A degradable triple temperature-, pH-, and redox-responsive drug system for cancer chemotherapy. <i>Journal of Biomedical Materials Research - Part A</i> , 2018 , 106, 3203-3210	5.4	34
210	Regulation of biodegradability and drug release behavior of aliphatic polyesters by blending. <i>Journal of Biomedical Materials Research Part B</i> , 2000 , 50, 528-35		33
209	Recent advances on protein separation and purification methods. <i>Advances in Colloid and Interface Science</i> , 2020 , 284, 102254	14.3	33

208	Self-assembly of oxidation-responsive polyethylene glycol-paclitaxel prodrug for cancer chemotherapy. <i>Journal of Controlled Release</i> , 2020 , 321, 529-539	11.7	32
207	Detailed investigation on how the protein corona modulates the physicochemical properties and gene delivery of polyethylenimine (PEI) polyplexes. <i>Biomaterials Science</i> , 2018 , 6, 1800-1817	7.4	32
206	Zinc phthalocyanine encapsulated in polymer micelles as a potent photosensitizer for the photodynamic therapy of osteosarcoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 1099-1110	6	32
205	Active Transportation of Liposome Enhances Tumor Accumulation, Penetration, and Therapeutic Efficacy. <i>Small</i> , 2020 , 16, e2004172	11	32
204	Assemblies of Peptide-Cytotoxin Conjugates for Tumor-Homing Chemotherapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1807446	15.6	32
203	Solid lipid nanoparticles as carriers for oral delivery of hydroxysafflor yellow A. <i>International Journal of Pharmaceutics</i> , 2018 , 535, 164-171	6.5	31
202	A comparison of polymerization characteristics and mechanisms of ϵ -caprolactone and trimethylene-carbonate with rare earth halides. <i>Journal of Polymer Science Part A</i> , 1997 , 35, 1339-1352	2.5	31
201	Jellyfish-Shaped Amphiphilic Dendrimers: Synthesis and Formation of Extremely Uniform Aggregates. <i>Macromolecules</i> , 2014 , 47, 916-921	5.5	30
200	SERS detection of microRNA biomarkers for cancer diagnosis using gold-coated paramagnetic nanoparticles to capture SERS-active gold nanoparticles. <i>RSC Advances</i> , 2017 , 7, 52782-52793	3.7	30
199	Reactive Oxygen Species (ROS)-Responsive Charge-Switchable Nanocarriers for Gene Therapy of Metastatic Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 43352-43362	9.5	30
198	Facile synthesis and in vivo evaluation of biodegradable dendritic MRI contrast agents. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14369		28
197	Controlled synthesis of Fe ₃ O ₄ @ZIF-8 nanoparticles for drug delivery. <i>CrystEngComm</i> , 2018 , 20, 7486-7493	9.5	28
196	Biocompatible Cyclodextrin-Based Metal-Organic Frameworks for Long-Term Sustained Release of Fragrances. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 19767-19777	3.9	27
195	Synthesis and evaluation of a paclitaxel-binding polymeric micelle for efficient breast cancer therapy. <i>Science China Life Sciences</i> , 2018 , 61, 436-447	8.5	27
194	Recent advances in drug delivery systems for enhancing drug penetration into tumors. <i>Drug Delivery</i> , 2020 , 27, 1474-1490	7	27
193	Encapsulation and controlled release of fragrances from functionalized porous metal-organic frameworks. <i>AIChE Journal</i> , 2019 , 65, 491-499	3.6	27
192	Tumor-Associated Macrophage and Tumor-Cell Dually Transfecting Polyplexes for Efficient Interleukin-12 Cancer Gene Therapy. <i>Advanced Materials</i> , 2021 , 33, e2006189	24	27
191	Albumin-Stabilized Metal-Organic Nanoparticles for Effective Delivery of Metal Complex Anticancer Drugs. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34974-34982	9.5	27

190	Paraptosis-Inducing Nanomedicine Overcomes Cancer Drug Resistance for a Potent Cancer Therapy. <i>Small</i> , 2018 , 14, 1702446	11	26
189	Facile synthesis of noncytotoxic PEGylated dendrimer encapsulated silver sulfide quantum dots for NIR-II biological imaging. <i>Nanoscale</i> , 2020 , 12, 5678-5684	7.7	25
188	Recent advantage of hyaluronic acid for anti-cancer application: a review of "3S" transition approach. <i>Carbohydrate Polymers</i> , 2020 , 238, 116204	10.3	25
187	ZnO Quantum Dots Modified by pH-Activated Charge-Reversal Polymer for Tumor Targeted Drug Delivery. <i>Polymers</i> , 2018 , 10,	4.5	24
186	Conjugated-Polymer-Based Nanoparticles with Efficient NIR-II Fluorescent, Photoacoustic and Photothermal Performance. <i>ChemBioChem</i> , 2019 , 20, 2793-2799	3.8	23
185	Anisotropic electroactive elastomer for highly maneuverable soft robotics. <i>Nanoscale</i> , 2020 , 12, 7514-7524		23
184	New path to treating pancreatic cancer: TRAIL gene delivery targeting the fibroblast-enriched tumor microenvironment. <i>Journal of Controlled Release</i> , 2018 , 286, 254-263	11.7	23
183	Stabilized calcium phosphate hybrid nanocomposite using a benzoxaborole-containing polymer for pH-responsive siRNA delivery. <i>Biomaterials Science</i> , 2018 , 6, 3178-3188	7.4	23
182	Organic Semiconductors for Photothermal Therapy and Photoacoustic Imaging. <i>ChemBioChem</i> , 2019 , 20, 1628-1636	3.8	22
181	Tuning the Brightness and Photostability of Organic Dots for Multivalent Targeted Cancer Imaging and Surgery. <i>ACS Nano</i> , 2020 , 14, 5887-5900	16.7	22
180	Acidity-responsive shell-sheddable camptothecin-based nanofibers for carrier-free cancer drug delivery. <i>Nanoscale</i> , 2019 , 11, 15907-15916	7.7	22
179	Facile synthesis of zwitterionic polyglycerol dendrimers with a cyclodextrin core as MRI contrast agent carriers. <i>Polymer Chemistry</i> , 2016 , 7, 6354-6362	4.9	22
178	D-A polymers for fluorescence/photoacoustic imaging and characterization of their photothermal properties. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6576-6584	7.3	22
177	Microfluidics for Cancer Nanomedicine: From Fabrication to Evaluation. <i>Small</i> , 2018 , 14, e1800360	11	22
176	GDC-0449 improves the antitumor activity of nano-doxorubicin in pancreatic cancer in a fibroblast-enriched microenvironment. <i>Scientific Reports</i> , 2017 , 7, 13379	4.9	21
175	Progress and perspective of microneedle system for anti-cancer drug delivery. <i>Biomaterials</i> , 2021 , 264, 120410	15.6	21
174	Poly-L-glutamic acid-based GGT-targeting and surface camouflage strategy for improving cervical cancer gene therapy. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 1315-1327	7.3	20
173	Hypoxia-targeting dendritic MRI contrast agent based on internally hydroxy dendrimer for tumor imaging. <i>Biomaterials</i> , 2019 , 213, 119195	15.6	20

172	Multifunctional FeO@C-based nanoparticles coupling optical/MRI imaging and pH/photothermal controllable drug release as efficient anti-cancer drug delivery platforms. <i>Nanotechnology</i> , 2019 , 30, 425102	3.4	20
171	Near-Critical Fluid Micellization for High and Efficient Drug Loading: Encapsulation of Paclitaxel into PEG-b-PCL Micelles. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 11951-11956	3.8	20
170	Co-delivery of IOX1 and doxorubicin for antibody-independent cancer chemo-immunotherapy. <i>Nature Communications</i> , 2021 , 12, 2425	17.4	20
169	Self-Assembling Doxorubicin Prodrug Forming Nanoparticles and Effectively Reversing Drug Resistance In Vitro and In Vivo. <i>Advanced Healthcare Materials</i> , 2016 , 5, 2517-2527	10.1	19
168	A multi-stimuli responsive nanoparticulate SN38 prodrug for cancer chemotherapy. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 661-670	7.3	19
167	Targeted acid-labile conjugates of norcantharidin for cancer chemotherapy. <i>Journal of Materials Chemistry</i> , 2012 , 22, 15804		19
166	Advanced Carbon-based Nanoplatforms Combining Drug Delivery and Thermal Therapy for Cancer Treatment. <i>Current Pharmaceutical Design</i> , 2018 , 24, 4060-4076	3.3	19
165	Preparation of monodisperse porous polymeric ionic liquid microspheres and their application as stationary phases for HPLC. <i>Talanta</i> , 2020 , 208, 120462	6.2	19
164	Atom Transfer Radical Polymerization of N,N-Dimethylacrylamide. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 632-636	4.8	18
163	Ring-Opening Copolymerization of Trimethylene Carbonate and D,L-Lactide by Rare Earth Chloride. <i>Polymer Journal</i> , 1998 , 30, 168-170	2.7	18
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