Youqing Shen

List of Publications by Year in Descending Order

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	A site-oriented nanosystem for active transcellular chemo-immunotherapy to prevent tumor growth and metastasis. *Science China Materials*, **2022**, 65, 1391	7.1	2
314	The Intracellular and Extracellular Microenvironment of Tumor Site: The Trigger of Stimuli-Responsive Drug Delivery Systems.. *Small Methods*, **2022**, e2101437	12.8	7
313	An Orthogonal Dynamic Covalent Polymer Network with Distinctive Topology Transformations for Shape- and Molecular Architecture Reconfiguration.. *Angewandte Chemie - International Edition*, **2022**, e202109941	16.4	2
312	Synthesis of poly-tetrahydropyrimidine antibacterial polymers and research of their basic properties.. *Biomaterials Science*, **2022**,	7.4	3
311	Mitochondria-targeted polymer-celastrol conjugate with enhanced anticancer efficacy.. *Journal of Controlled Release*, **2022**, 342, 122-133	11.7	1
310	Multipotent Poly(Tertiary Amine-Oxide) Micelles for Efficient Cancer Drug Delivery.. *Advanced Science*, **2022**, e2200173	13.6	3
309	Mucus Penetrating and cell-binding Polyzwitterionic Micelles as Potent Oral Nanomedicine for Cancer Drug Delivery.. *Advanced Materials*, **2022**, e2109189	24	7
308	Rapidly and Repeatedly Reprogrammable Liquid Crystalline Elastomer via a Shape Memory Mechanism.. *Advanced Materials*, **2022**, e2201679	24	4
307	Preparation and application of urea-based derivatized β-cyclodextrin chiral stationary phase based on diazotized silica microspheres.. *Journal of Chromatography A*, **2022**, 1669, 462932	4.5	0
306	Nanoprodrug ratiometrically integrating autophagy inhibitor and genotoxic agent for treatment of triple-negative breast cancer.. *Biomaterials*, **2022**, 283, 121458	15.6	2
305	Role of polyplex charge density in lipopolyplexes.. *Nanoscale*, **2022**, 14, 7174-7180	7.7	
304	Virus-Mimetic DNA-Ejecting Polyplexes for Cancer Gene Delivery. *Biomaterial Engineering*, **2022**, 395-415	0.3	
303	Biomedical polymers: synthesis, properties, and applications.. *Science China Chemistry*, **2022**, 1-66	7.9	11
302	A ROS-responsive synergistic delivery system for combined immunotherapy and chemotherapy. *Materials Today Bio*, **2022**, 100284	9.9	2
301	Effect of Cationic Charge Density on Transcytosis of Polyethylenimine. *Biomacromolecules*, **2021**,	6.9	4
300	The distinct responsiveness of cytokeratin 19-positive hepatocellular carcinoma to regorafenib. *Cell Death and Disease*, **2021**, 12, 1084	9.8	1
299	Virus-Mimetic DNA-Ejecting Polyplexes for Cancer Gene Delivery. *Biomaterial Engineering*, **2021**, 1-21	0.3	

298	Transcytosis-inducing biomaterials for actively translocating nanomedicines **2021**,		
297	A tyrosinase-responsive tumor-specific cascade amplification drug release system for melanoma therapy. *Journal of Materials Chemistry B*, **2021**, 9, 9406-9412	7.3	0
296	Prodrug nanoparticles rationally integrating stroma modification and chemotherapy to treat metastatic pancreatic cancer. *Biomaterials*, **2021**, 278, 121176	15.6	3
295	A nanotherapeutic strategy to overcome chemoresistance to irinotecan/7-ethyl-10-hydroxy-camptothecin in colorectal cancer. *Acta Biomaterialia*, **2021**, 137, 262-262	10.8	2
294	Nanomedicine from amphiphilizedprodrugs: Concept and clinical translation. *Advanced Drug Delivery Reviews*, **2021**, 179, 114027	18.5	5
293	Synthesis of polyacrylonitrile/polytetrahydropyrimidine (PAN/PTHP) nanofibers with enhanced antibacterial and anti-viral activities for personal protective equipment. *Journal of Hazardous Materials*, **2021**, 424, 127602	12.8	6
292	A modular ROS-responsive platform co-delivered by 10-hydroxycamptothecin and dexamethasone for cancer treatment. *Journal of Controlled Release*, **2021**, 340, 102-113	11.7	4
291	Co-delivery of IOX1 and doxorubicin for antibody-independent cancer chemo-immunotherapy. *Nature Communications*, **2021**, 12, 2425	17.4	20
290	Enhanced tumour penetration and prolonged circulation in blood of polyzwitterion-drug conjugates with cell-membrane affinity. *Nature Biomedical Engineering*, **2021**, 5, 1019-1037	19	37
289	NIR-II bioimaging of small organic molecule. *Biomaterials*, **2021**, 271, 120717	15.6	40
288	Co-delivery of chemotherapeutic drugs and cell cycle regulatory agents using nanocarriers for cancer therapy. *Science China Materials*, **2021**, 64, 1827-1848	7.1	11
287	Dose-Independent Transfection of Hydrophobized Polyplexes. *Advanced Materials*, **2021**, 33, e2102219	24	6
286	Ultrasonic Cavitation-Assisted and Acid-Activated Transcytosis of Liposomes for Universal Active Tumor Penetration. *Advanced Functional Materials*, **2021**, 31, 2102786	15.6	9
285	Influence of the Modulation of the Protein Corona on Gene Expression Using Polyethylenimine (PEI) Polyplexes as Delivery Vehicle. *Advanced Healthcare Materials*, **2021**, 10, e2100125	10.1	4
284	Silica Nanoparticle Deposition on Natural Fibrous Substrates: Kinetic and Thermodynamic Studies. *Industrial & Engineering Chemistry Research*, **2021**, 60, 9500-9507	3.9	3
283	An MRI-trackable therapeutic nanovaccine preventing cancer liver metastasis. *Biomaterials*, **2021**, 274, 120893	15.6	7
282	Novel antifouling polymer with self-cleaning efficiency as surface coating for protein analysis by electrophoresis. *Talanta*, **2021**, 221, 121493	6.2	6
281	Improving safety of cancer immunotherapy via delivery technology. *Biomaterials*, **2021**, 265, 120407	15.6	13

280	Tumor-Associated Macrophage and Tumor-Cell Dually Transfecting Polyplexes for Efficient Interleukin-12 Cancer Gene Therapy. *Advanced Materials*, **2021**, 33, e2006189	24	27
279	Simultaneous adsorption of heavy metals and organic dyes by Cyclodextrin-Chitosan based cross-linked adsorbent. *Carbohydrate Polymers*, **2021**, 255, 117486	10.3	56
278	Polyphenol-cisplatin complexation forming core-shell nanoparticles with improved tumor accumulation and dual-responsive drug release for enhanced cancer chemotherapy. *Journal of Controlled Release*, **2021**, 330, 992-1003	11.7	9
277	Encapsulation of fragrances in micron-size silk fibroin carriers via coaxial electrohydrodynamic techniques. *Materials Chemistry and Physics*, **2021**, 260, 124167	4.4	2
276	Celastrol nanoemulsion induces immunogenicity and downregulates PD-L1 to boost abscopal effect in melanoma therapy. *Biomaterials*, **2021**, 269, 120604	15.6	13
275	Tumor-specific fluorescence activation of rhodamine isothiocyanate derivatives. *Journal of Controlled Release*, **2021**, 330, 842-850	11.7	5
274	Progress and perspective of microneedle system for anti-cancer drug delivery. *Biomaterials*, **2021**, 264, 120410	15.6	21
273	A design strategy for DA conjugated polymers for NIR-II fluorescence imaging. *Polymer Chemistry*, **2021**, 12, 4707-4713	4.9	4
272	Molecular level precision and high molecular weight peptide dendrimers for drug-specific delivery. *Journal of Materials Chemistry B*, **2021**, 9, 8594-8603	7.3	3
271	Bioinspired nanochannels based on polymeric membranes. *Science China Materials*, **2021**, 64, 1320-1342	7.1	8
270	Prodrug Nanomedicine Inhibits Chemotherapy-Induced Proliferative Burst by Altering the Deleterious Intercellular Communication. *ACS Nano*, **2021**, 15, 781-796	16.7	3
269	Hydrogen sulfide-activatable prodrug-backboned block copolymer micelles for delivery of chemotherapeutics. *Polymer Chemistry*, **2021**, 12, 4167-4174	4.9	2
268	Development and application of ultrasound contrast agents in biomedicine. *Journal of Materials Chemistry B*, **2021**, 9, 7633-7661	7.3	1
267	Glutathione-Responsive Magnetic Nanoparticles for Highly Sensitive Diagnosis of Liver Metastases. *Nano Letters*, **2021**, 21, 2199-2206	11.5	6
266	Albumin-binding prodrugs via reversible iminoboronate forming nanoparticles for cancer drug delivery. *Journal of Controlled Release*, **2021**, 330, 362-371	11.7	10
265	Preparation and anti-tumor application of hyaluronic acid-based material for disulfide and copper ions co-delivery. *Science China Technological Sciences*, **2021**, 64, 2023-2032	3.5	1
264	Semiconductor small molecule IHIC/ITIC applied to photothermal therapy and photoacoustic imaging of tumors. *Journal of Photochemistry and Photobiology B: Biology*, **2021**, 221, 112257	6.7	2
263	From mouse to mouse-ear cress: Nanomaterials as vehicles in plant biotechnology. *Exploration*, **2021**, 1, 9-20		13

262	Virus-mimetic DNA-ejecting polyplexes for efficient intracellular cancer gene delivery. *Nano Today*, **2021**, 39, 101215	17.9	5
261	Environmentally friendly fabrication of new Cyclodextrin/ZrO nanocomposite for simultaneous removal of Pb(II) and BPA from water. *Science of the Total Environment*, **2021**, 784, 147207	10.2	17
260	Polyplex nanovesicles of single strand oligonucleotides for efficient cytosolic delivery of biomacromolecules. *Nano Today*, **2021**, 39, 101221	17.9	4
259	A review of the design of packing materials for ion chromatography. *Journal of Chromatography A*, **2021**, 1653, 462313	4.5	6
258	Linear-Dendritic Polymer-Platinum Complexes Forming Well-Defined Nanocapsules for Acid-Responsive Drug Delivery. *ACS Applied Materials & Interfaces*, **2021**, 13, 44028-44040	9.5	1
257	Recent advances in detection technologies for COVID-19. *Talanta*, **2021**, 233, 122609	6.2	3
256	Vanadyl nanocomplexes enhance photothermia-induced cancer immunotherapy to inhibit tumor metastasis and recurrence. *Biomaterials*, **2021**, 277, 121130	15.6	3
255	Traditional herbal medicine and nanomedicine: Converging disciplines to improve therapeutic efficacy and human health. *Advanced Drug Delivery Reviews*, **2021**, 178, 113964	18.5	7
254	Antibacterial material surfaces/interfaces for biomedical applications. *Applied Materials Today*, **2021**, 25, 101192	6.6	5
253	Self-Activated Cascade-Responsive Sorafenib and USP22 shRNA Co-Delivery System for Synergetic Hepatocellular Carcinoma Therapy. *Advanced Science*, **2021**, 8, 2003042	13.6	12
252	Thermally Responsive Anti-Protein Adsorption Coated Capillary for Electrophoretic Analysis of Proteins. *ChemistrySelect*, **2020**, 5, 11854-11861	1.8	3
251	Recent advances in synthesis and application of organic near-infrared fluorescence polymers. *Journal of Materials Science*, **2020**, 55, 9918-9947	4.3	13
250	Autophagy-inhibiting polymer as an effective nonviral cancer gene therapy vector with inherent apoptosis-sensitizing ability. *Biomaterials*, **2020**, 255, 120156	15.6	10
249	A novel photothermo-responsive nanocarrier for the controlled release of low-volatile fragrances.. *RSC Advances*, **2020**, 10, 14867-14876	3.7	5
248	Glutathione-Specific and Intracellularly Labile Polymeric Nanocarrier for Efficient and Safe Cancer Gene Delivery. *ACS Applied Materials & Interfaces*, **2020**, 12, 14825-14838	9.5	13
247	Advanced functional polymer materials. *Materials Chemistry Frontiers*, **2020**, 4, 1803-1915	7.8	70
246	Tumor extravasation and infiltration as barriers of nanomedicine for high efficacy: The current status and transcytosis strategy. *Biomaterials*, **2020**, 240, 119902	15.6	65
245	Self-assembly of oxidation-responsive polyethylene glycol-paclitaxel prodrug for cancer chemotherapy. *Journal of Controlled Release*, **2020**, 321, 529-539	11.7	32

244	Anisotropic electroactive elastomer for highly maneuverable soft robotics. *Nanoscale*, **2020**, 12, 7514-7521	7.7	23
243	Facile synthesis of noncytotoxic PEGylated dendrimer encapsulated silver sulfide quantum dots for NIR-II biological imaging. *Nanoscale*, **2020**, 12, 5678-5684	7.7	25
242	Dynamic Covalent C?C Bond, Cross-Linked, Injectable, and Self-Healable Hydrogels via Knoevenagel Condensation. *Biomacromolecules*, **2020**, 21, 1234-1242	6.9	8
241	Folic acid directly modified low molecular weight of polyethyleneimine for targeted pDNA delivery. *Journal of Drug Delivery Science and Technology*, **2020**, 56, 101522	4.5	2
240	Scar Tissue-Targeting Polymer Micelle for Spinal Cord Injury Treatment. *Small*, **2020**, 16, e1906415	11	10
239	Preparation and application of PGMA-DVB microspheres via surface-modification with quaternary and phenylboronic acid moiety. *Colloids and Surfaces B: Biointerfaces*, **2020**, 188, 110807	6	8
238	N-Oxide polymer-cupric ion nanogels potentiate disulfiram for cancer therapy. *Biomaterials Science*, **2020**, 8, 1726-1733	7.4	5
237	Tuning the Brightness and Photostability of Organic Dots for Multivalent Targeted Cancer Imaging and Surgery. *ACS Nano*, **2020**, 14, 5887-5900	16.7	22
236	Recent advantage of hyaluronic acid for anti-cancer application: a review of "3S" transition approach. *Carbohydrate Polymers*, **2020**, 238, 116204	10.3	25
235	Preparation, surface functionalization and application of FeO magnetic nanoparticles. *Advances in Colloid and Interface Science*, **2020**, 281, 102165	14.3	116
234	Recent Advances in the Rational Drug Design Based on Multi-target Ligands. *Current Medicinal Chemistry*, **2020**, 27, 4720-4740	4.3	14
233	Recent advances on protein separation and purification methods. *Advances in Colloid and Interface Science*, **2020**, 284, 102254	14.3	33
232	Assemblies of indocyanine green and chemotherapeutic drug to cure established tumors by synergistic chemo-photo therapy. *Journal of Controlled Release*, **2020**, 324, 250-259	11.7	18
231	Vanadium-based nanomaterials for cancer diagnosis and treatment. *Biomedical Materials (Bristol)*, **2020**, 16, 014101	3.5	3
230	Efficient photocatalytic degradation of toxic Alizarin yellow R dye from industrial wastewater using biosynthesized Fe nanoparticle and study of factors affecting the degradation rate. *Journal of Photochemistry and Photobiology B: Biology*, **2020**, 202, 111682	6.7	36
229	Preparation of porous sulfonated poly(styrene-divinylbenzene) microspheres and its application in hydrophilic and chiral separation. *Talanta*, **2020**, 210, 120586	6.2	10
228	Single-step formulation of levodopa-based nanotheranostics - strategy for ultra-sensitive high longitudinal relaxivity MRI guided switchable therapeutics. *Biomaterials Science*, **2020**, 8, 1615-1621	7.4	3
227	Active Transportation of Liposome Enhances Tumor Accumulation, Penetration, and Therapeutic Efficacy. *Small*, **2020**, 16, e2004172	11	32

226	Encapsulation of Highly Volatile Fragrances in Y Zeolites for Sustained Release: Experimental and Theoretical Studies. *ACS Omega*, **2020**, 5, 31925-31935	3.9	12
225	On/off switchable epicatechin-based ultra-sensitive MRI-visible nanotheranostics - see it and treat it. *Biomaterials Science*, **2020**, 8, 5210-5218	7.4	3
224	Recent advances in drug delivery systems for enhancing drug penetration into tumors. *Drug Delivery*, **2020**, 27, 1474-1490	7	27
223	Poly-tetrahydropyrimidine Antibacterial Hydrogel with Injectability and Self-Healing Ability for Curing the Purulent Subcutaneous Infection. *ACS Applied Materials & Interfaces*, **2020**, 12, 50236-50247	9.5	18
222	Preparation of monodisperse porous polymeric ionic liquid microspheres and their application as stationary phases for HPLC. *Talanta*, **2020**, 208, 120462	6.2	19
221	Chitosan composite hydrogels cross-linked by multifunctional diazo resin as antibacterial dressings for improved wound healing. *Journal of Biomedical Materials Research - Part A*, **2020**, 108, 1890-1898	5.4	8
220	Enzyme-Triggered Transcytosis of Dendrimer-Drug Conjugate for Deep Penetration into Pancreatic Tumors. *ACS Nano*, **2020**, 14, 4890-4904	16.7	53
219	Excipient-free nanodispersion of 7-ethyl-10-hydroxycamptothecin exerts potent therapeutic effects against pancreatic cancer cell lines and patient-derived xenografts. *Cancer Letters*, **2019**, 465, 36-44	9.9	3
218	Biocompatible Cyclodextrin-Based Metal–Organic Frameworks for Long-Term Sustained Release of Fragrances. *Industrial & Engineering Chemistry Research*, **2019**, 58, 19767-19777	3.9	27
217	Organic Semiconductors for Photothermal Therapy and Photoacoustic Imaging. *ChemBioChem*, **2019**, 20, 1628-1636	3.8	22
216	Logical design and application of prodrug platforms. *Polymer Chemistry*, **2019**, 10, 306-324	4.9	48
215	Investigation of rare earth upconversion fluorescent nanoparticles in biomedical field. *Nanotechnology Reviews*, **2019**, 8, 1-17	6.3	36
214	Conjugated-Polymer-Based Nanoparticles with Efficient NIR-II Fluorescent, Photoacoustic and Photothermal Performance. *ChemBioChem*, **2019**, 20, 2793-2799	3.8	23
213	Construction of Dimeric Drug-Loaded Polymeric Micelles with High Loading Efficiency for Cancer Therapy. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	4
212	Synthesis, self-assembly and drug release behaviors of a bottlebrush polymer-HCPT prodrug for tumor chemotherapy. *Colloids and Surfaces B: Biointerfaces*, **2019**, 181, 278-284	6	12
211	Hypoxia-targeting dendritic MRI contrast agent based on internally hydroxy dendrimer for tumor imaging. *Biomaterials*, **2019**, 213, 119195	15.6	20
210	Nano-Structural Effects on Gene Transfection: Large, Botryoid-Shaped Nanoparticles Enhance DNA Delivery via Macropinocytosis and Effective Dissociation. *Theranostics*, **2019**, 9, 1580-1598	12.1	14
209	Application and design of esterase-responsive nanoparticles for cancer therapy. *Drug Delivery*, **2019**, 26, 416-432	7	68

208	Hydroxyl-tolerated polymerization of N-phenoxycarbonyl-α-amino acids: A simple way to polypeptides bearing hydroxyl groups. *Journal of Polymer Science Part A*, **2019**, 57, 907-916	2.5	7
207	Copper as the Target for Anticancer Nanomedicine. *Advanced Therapeutics*, **2019**, 2, 1800147	4.9	14
206	All-Aqueous Direct Deposition of Fragrance-Loaded Nanoparticles onto Fabric Surfaces by Electrospraying. *ACS Applied Polymer Materials*, **2019**, 1, 2590-2596	4.3	12
205	Enzyme-Activatable Interferon-Poly(α-amino acid) Conjugates for Tumor Microenvironment Potentiation. *Biomacromolecules*, **2019**, 20, 3000-3008	6.9	11
204	Preparation and evaluation of PAMAM dendrimer-based polymer gels physically cross-linked by hydrogen bonding. *Biomaterials Science*, **2019**, 7, 3918-3925	7.4	17
203	A neutral water-soluble mitochondria-targeting polymer. *Chemical Communications*, **2019**, 55, 10015-10018	5.8	16
202	Drug-binding albumins forming stabilized nanoparticles for efficient anticancer therapy. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2019**, 21, 102058	6	9
201	Acidity-responsive shell-sheddable camptothecin-based nanofibers for carrier-free cancer drug delivery. *Nanoscale*, **2019**, 11, 15907-15916	7.7	22
200	Recent advances in ruthenium and platinum based supramolecular coordination complexes for antitumor therapy. *Colloids and Surfaces B: Biointerfaces*, **2019**, 182, 110373	6	12
199	Multifunctional FeO@C-based nanoparticles coupling optical/MRI imaging and pH/photothermal controllable drug release as efficient anti-cancer drug delivery platforms. *Nanotechnology*, **2019**, 30, 425102	3.4	20
198	Enzyme-activatable polymer-drug conjugate augments tumour penetration and treatment efficacy. *Nature Nanotechnology*, **2019**, 14, 799-809	28.7	327
197	Fabrication of PEGylated BiS Nanosheets As a Multifunctional Platform for Multimodal Diagnosis and Combination Therapy for Cancer.. *ACS Applied Bio Materials*, **2019**, 2, 3870-3876	4.1	3
196	Glycyrrhizin Acid and Glycyrrhetinic Acid Modified Polyethyleneimine for Targeted DNA Delivery to Hepatocellular Carcinoma. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	9
195	Magnetic-capture-based SERS detection of multiple serum microRNA biomarkers for cancer diagnosis. *Analytical Methods*, **2019**, 11, 783-793	3.2	12
194	Preparation of photosensitive diazotized poly (vinyl alcohol-b-styrene) covalent capillary coatings for capillary electrophoresis separation of proteins. *Journal of Chromatography A*, **2019**, 1593, 174-182	4.5	8
193	Binding and Release of Reactive Oxygen Species-Responsive Charge Reversal Cationic Polymers with DNA Studied by Surface Plasmon Resonance. *Polymer Science - Series A*, **2019**, 61, 847-854	1.2	
192	D-A polymers for fluorescence/photoacoustic imaging and characterization of their photothermal properties. *Journal of Materials Chemistry B*, **2019**, 7, 6576-6584	7.3	22
191	A MnO Nanoparticle-Dotted Hydrogel Promotes Spinal Cord Repair Regulating Reactive Oxygen Species Microenvironment and Synergizing with Mesenchymal Stem Cells. *ACS Nano*, **2019**, 13, 14283-14293	16.7	62

190	Mild polyaddition and polyalkylation based on the carbon-carbon bond formation reaction of active methylene.. *RSC Advances*, **2019**, 9, 40455-40461	3.7	2
189	Assemblies of Peptide-Cytotoxin Conjugates for Tumor-Homing Chemotherapy. *Advanced Functional Materials*, **2019**, 29, 1807446	15.6	32
188	Encapsulation and controlled release of fragrances from functionalized porous metal-organic frameworks. *AICHE Journal*, **2019**, 65, 491-499	3.6	27
187	SAHA (vorinostat) facilitates functional polymer-based gene transfection via upregulation of ROS and synergizes with TRAIL gene delivery for cancer therapy. *Journal of Drug Targeting*, **2019**, 27, 306-314	5.4	13
186	Detailed investigation on how the protein corona modulates the physicochemical properties and gene delivery of polyethylenimine (PEI) polyplexes. *Biomaterials Science*, **2018**, 6, 1800-1817	7.4	32
185	Zinc phthalocyanine encapsulated in polymer micelles as a potent photosensitizer for the photodynamic therapy of osteosarcoma. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2018**, 14, 1099-1110	6	32
184	Paraptosis-Inducing Nanomedicine Overcomes Cancer Drug Resistance for a Potent Cancer Therapy. *Small*, **2018**, 14, 1702446	11	26
183	Macrophages as an active tumour-targeting carrier of SN38-nanoparticles for cancer therapy. *Journal of Drug Targeting*, **2018**, 26, 458-465	5.4	8
182	Synthesis of enzyme-responsive phosphoramidate dendrimers for cancer drug delivery. *Polymer Chemistry*, **2018**, 9, 438-449	4.9	17
181	Targeting death receptors for drug-resistant cancer therapy: Codelivery of pTRAIL and monensin using dual-targeting and stimuli-responsive self-assembling nanocomposites. *Biomaterials*, **2018**, 158, 56-73	15.6	41
180	Functionalized Nanoparticles Efficiently Enhancing the Targeted Delivery, Tumor Penetration, and Anticancer Activity of 7-Ethyl-10-Hydroxycamptothecin. *Advanced Healthcare Materials*, **2018**, 7, e1701140	10.1	10
179	A magnetic-based SERS approach for highly sensitive and reproducible detection of cancer-related serum microRNAs. *Analytical Methods*, **2018**, 10, 624-633	3.2	17
178	Facile synthesis of semi-library of low charge density cationic polyesters from poly(alkylene maleate)s for efficient local gene delivery. *Biomaterials*, **2018**, 178, 559-569	15.6	42
177	Synthesis and evaluation of a paclitaxel-binding polymeric micelle for efficient breast cancer therapy. *Science China Life Sciences*, **2018**, 61, 436-447	8.5	27
176	Solid lipid nanoparticles as carriers for oral delivery of hydroxysafflor yellow A. *International Journal of Pharmaceutics*, **2018**, 535, 164-171	6.5	31
175	Polylactide-tethered prodrugs in polymeric nanoparticles as reliable nanomedicines for the efficient eradication of patient-derived hepatocellular carcinoma. *Theranostics*, **2018**, 8, 3949-3963	12.1	45
174	The Effect of Different Porogens on Porous PMMA Microspheres by Seed Swelling Polymerization and Its Application in High-Performance Liquid Chromatography. *Materials*, **2018**, 11,	3.5	8
173	New path to treating pancreatic cancer: TRAIL gene delivery targeting the fibroblast-enriched tumor microenvironment. *Journal of Controlled Release*, **2018**, 286, 254-263	11.7	23

172	Enzyme-Responsive Charge-Reversal Polymer-Mediated Effective Gene Therapy for Intraperitoneal Tumors. *Biomacromolecules*, **2018**, 19, 2308-2319	6.9	46
171	Advanced Carbon-based Nanoplatforms Combining Drug Delivery and Thermal Therapy for Cancer Treatment. *Current Pharmaceutical Design*, **2018**, 24, 4060-4076	3.3	19
170	Current Status and Future Developments in Synthetic Peptides. *Current Organic Chemistry*, **2018**, 22, 1951-1958	1.7	
169	Controlled synthesis of Fe3O4@ZIF-8 nanoparticles for drug delivery. *CrystEngComm*, **2018**, 20, 7486-7491	3.3	28
168	Stabilized calcium phosphate hybrid nanocomposite using a benzoxaborole-containing polymer for pH-responsive siRNA delivery. *Biomaterials Science*, **2018**, 6, 3178-3188	7.4	23
167	Reactive Oxygen Species (ROS)-Responsive Charge-Switchable Nanocarriers for Gene Therapy of Metastatic Cancer. *ACS Applied Materials & Interfaces*, **2018**, 10, 43352-43362	9.5	30
166	ZnO Quantum Dots Modified by pH-Activated Charge-Reversal Polymer for Tumor Targeted Drug Delivery. *Polymers*, **2018**, 10,	4.5	24
165	Integration of Polymerization and Biomineralization as a Strategy to Facilely Synthesize Nanotheranostic Agents. *ACS Nano*, **2018**, 12, 12682-12691	16.7	36
164	Precise nanomedicine for intelligent therapy of cancer. *Science China Chemistry*, **2018**, 61, 1503-1552	7.9	256
163	Albumin-Stabilized Metal-Organic Nanoparticles for Effective Delivery of Metal Complex Anticancer Drugs. *ACS Applied Materials & Interfaces*, **2018**, 10, 34974-34982	9.5	27
162	A degradable triple temperature-, pH-, and redox-responsive drug system for cancer chemotherapy. *Journal of Biomedical Materials Research - Part A*, **2018**, 106, 3203-3210	5.4	34
161	Recent Progress in Fluorescence Imaging of the Near-Infrared II Window. *ChemBioChem*, **2018**, 19, 2522-2541	3.5	51
160	Mixed matrix membranes composed of WS2 nanosheets and fluorinated poly(2,6-dimethyl-1,4-phenylene oxide) via Suzuki reaction for improved CO2 separation. *Journal of Membrane Science*, **2018**, 565, 226-232	9.6	11
159	The Blood Clearance Kinetics and Pathway of Polymeric Micelles in Cancer Drug Delivery. *ACS Nano*, **2018**, 12, 6179-6192	16.7	125
158	Microfluidics for Cancer Nanomedicine: From Fabrication to Evaluation. *Small*, **2018**, 14, e1800360	11	22
157	Pancreatic Cancer: Targeted Co-delivery of PTX and TR3 siRNA by PTP Peptide Modified Dendrimer for the Treatment of Pancreatic Cancer (Small 2/2017). *Small*, **2017**, 13,	11	2
156	Redox-Activatable ATP-Depleting Micelles with Dual Modulation Characteristics for Multidrug-Resistant Cancer Therapy. *Advanced Healthcare Materials*, **2017**, 6, 1601293	10.1	34
155	Poly-γ-glutamic acid-based GGT-targeting and surface camouflage strategy for improving cervical cancer gene therapy. *Journal of Materials Chemistry B*, **2017**, 5, 1315-1327	7.3	20

154	Rational Design of Cancer Nanomedicine: Nanoproperty Integration and Synchronization. *Advanced Materials*, **2017**, 29, 1606628	24	545
153	Intracellularly Disintegratable Polysulfoniums for Efficient Gene Delivery. *Advanced Functional Materials*, **2017**, 27, 1606826	15.6	69
152	Enhancing MRI of liver metastases with a zwitterionized biodegradable dendritic contrast agent. *Biomaterials Science*, **2017**, 5, 1588-1595	7.4	17
151	Diverse Applications of Nanomedicine. *ACS Nano*, **2017**, 11, 2313-2381	16.7	714
150	GDC-0449 improves the antitumor activity of nano-doxorubicin in pancreatic cancer in a fibroblast-enriched microenvironment. *Scientific Reports*, **2017**, 7, 13379	4.9	21
149	A Tumor-Specific Cascade Amplification Drug Release Nanoparticle for Overcoming Multidrug Resistance in Cancers. *Advanced Materials*, **2017**, 29, 1702342	24	209
148	A non-cytotoxic dendrimer with innate and potent anticancer and anti-metastatic activities. *Nature Biomedical Engineering*, **2017**, 1, 745-757	19	49
147	A mannosylated PEI□PP hybrid for TRAIL gene targeting delivery for colorectal cancer therapy. *Polymer Chemistry*, **2017**, 8, 5275-5285	4.9	14
146	Nonviral cancer gene therapy: Delivery cascade and vector nanoproperty integration. *Advanced Drug Delivery Reviews*, **2017**, 115, 115-154	18.5	237
145	Terminating the criminal collaboration in pancreatic cancer: Nanoparticle-based synergistic therapy for overcoming fibroblast-induced drug resistance. *Biomaterials*, **2017**, 144, 105-118	15.6	36
144	SERS detection of microRNA biomarkers for cancer diagnosis using gold-coated paramagnetic nanoparticles to capture SERS-active gold nanoparticles. *RSC Advances*, **2017**, 7, 52782-52793	3.7	30
143	A multi-stimuli responsive nanoparticulate SN38 prodrug for cancer chemotherapy. *Journal of Materials Chemistry B*, **2017**, 5, 661-670	7.3	19
142	Targeted Co-delivery of PTX and TR3 siRNA by PTP Peptide Modified Dendrimer for the Treatment of Pancreatic Cancer. *Small*, **2017**, 13, 1602697	11	40
141	A facile synthesis of a theranostic nanoparticle by oxidation of dopamine-DTPA-Gd conjugates. *Journal of Materials Chemistry B*, **2017**, 5, 8754-8760	7.3	3
140	Reactive oxygen species (ROS)-responsive nanomedicine for RNAi-based cancer therapy. *Nanoscale*, **2017**, 10, 203-214	7.7	45
139	Nanographene in Biomedical Applications **2016**, 251-282		3
138	Molecular Imprinting Technique for Biomimetic Sensing and Diagnostics **2016**, 283-326		0
137	Macrophages as Active Nanocarriers for Targeted Early and Adjuvant Cancer Chemotherapy. *Small*, **2016**, 12, 5108-5119	11	52

136	Polymeric Micelles for Drug Delivery **2016**, 87-97		1
135	Quantum Dots for Cancer Diagnosis **2016**, 207-226		1
134	Magnetic Iron Oxide Nanoparticles: Bioapplications and Potential Toxicity **2016**, 361-385		
133	Self-Assembling Doxorubicin Prodrug Forming Nanoparticles and Effectively Reversing Drug Resistance In Vitro and In Vivo. *Advanced Healthcare Materials*, **2016**, 5, 2517-2527	10.1	19
132	Nanostructured Hydrogels for Diabetic Management **2016**, 387-419		4
131	Nano-Photosensitizer for Imaging-Guided Tumor Phototherapy **2016**, 177-206		
130	Redox-Activated Light-Up Nanomicelle for Precise Imaging-Guided Cancer Therapy and Real-Time Pharmacokinetic Monitoring. *ACS Nano*, **2016**, 10, 11385-11396	16.7	57
129	Esterase-Activated Charge-Reversal Polymer for Fibroblast-Exempt Cancer Gene Therapy. *Advanced Materials*, **2016**, 28, 10613-10622	24	144
128	Effects of chirality on gene delivery efficiency of polylysine. *Chinese Journal of Polymer Science (English Edition)*, **2016**, 34, 94-103	3.5	11
127	Curcumin Micelles Remodel Tumor Microenvironment and Enhance Vaccine Activity in an Advanced Melanoma Model. *Molecular Therapy*, **2016**, 24, 364-374	11.7	79
126	Dendrimers with the protocatechuic acid building block for anticancer drug delivery. *Journal of Materials Chemistry B*, **2016**, 4, 5236-5245	7.3	17
125	Synthesis of an esterase-sensitive degradable polyester as facile drug carrier for cancer therapy. *Journal of Polymer Science Part A*, **2016**, 54, 507-515	2.5	9
124	Fusogenic Reactive Oxygen Species Triggered Charge-Reversal Vector for Effective Gene Delivery. *Advanced Materials*, **2016**, 28, 1743-52	24	238
123	Cancer Therapy: Esterase-Activated Charge-Reversal Polymer for Fibroblast-Exempt Cancer Gene Therapy (Adv. Mater. 48/2016). *Advanced Materials*, **2016**, 28, 10578-10578	24	1
122	Gene Delivery: Fusogenic Reactive Oxygen Species Triggered Charge-Reversal Vector for Effective Gene Delivery (Adv. Mater. 9/2016). *Advanced Materials*, **2016**, 28, 1714-1714	24	9
121	Jumping the nuclear envelop barrier: Improving polyplex-mediated gene transfection efficiency by a selective CDK1 inhibitor RO-3306. *Journal of Controlled Release*, **2016**, 234, 90-7	11.7	11
120	Dual-channel NIR activatable theranostic prodrug for spatiotemporal tracking thiol-triggered chemotherapy. *Chemical Science*, **2016**, 7, 4958-4965	9.4	110
119	Fabrication of dendrimer-releasing lipidic nanoassembly for cancer drug delivery. *Biomaterials Science*, **2016**, 4, 958-69	7.4	18

118	Nanotechnology in Coronary Artery Stent Coating **2016**, 437-463		1
117	Magnetic Nanostructures for MRI-Based Cancer Detection **2016**, 327-359		
116	Polymeric Micelle-Based Nanomedicine **2016**, 99-116		1
115	Microfluidics Applications in Cancer Drug Delivery **2016**, 117-148		
114	Antibody Drug Conjugates **2016**, 149-176		2
113	Luminescent Gold Nanoclusters for Biomedical Diagnosis **2016**, 227-249		
112	Targeted Dendrimers for Cancer Diagnosis and Therapy **2016**, 61-86		1
111	Inorganic Nanomaterials for Bone Tissue Engineering **2016**, 421-436		1
110	Facile synthesis of zwitterionic polyglycerol dendrimers with a cyclodextrin core as MRI contrast agent carriers. *Polymer Chemistry*, **2016**, 7, 6354-6362	4.9	22
109	Pharmacokinetics and Pharmacodynamics (PK/PD) of Bionanomaterials **2016**, 1-60		1
108	The Role of Micelle Size in Tumor Accumulation, Penetration, and Treatment. *ACS Nano*, **2015**, 9, 7195-206	13.7	444
107	A novel brush-shaped copolymer for drug delivery. *Journal of Controlled Release*, **2015**, 213, e120	11.7	1
106	Synthesis and properties of zwitterionic dendrimer as drug and imaging probe carrier. *Journal of Controlled Release*, **2015**, 213, e144-5	11.7	1
105	Amphiphilic drugs as surfactants to fabricate excipient-free stable nanodispersions of hydrophobic drugs for cancer chemotherapy. *Journal of Controlled Release*, **2015**, 220, 175-179	11.7	57
104	A theoretical hypothesis on co-precipitation of hydrophobic antitumor drug and amphiphilic block copolymers. *Journal of Controlled Release*, **2015**, 213, e98-9	11.7	1
103	A multifunctional PEG-PLL drug conjugate forming redox-responsive nanoparticles for intracellular drug delivery. *Journal of Materials Chemistry B*, **2015**, 3, 7594-7603	7.3	38
102	Zwitterionic poly(lysine methacrylate) brush as an effective carrier for drug delivery. *Journal of Controlled Release*, **2015**, 213, e27-8	11.7	2
101	A tumor-targeting MRI contrast agent based on hypoxia and pH-responsive nanogel. *Journal of Controlled Release*, **2015**, 213, e104-5	11.7	

100	In vitro inhibition of cancer stem cells by biguanidine-based macromolecular drug. *Journal of Controlled Release*, **2015**, 213, e79	11.7	
99	Paclitaxel improved gene transfection efficiency through cell synchronization in SW480 cells. *Journal of Controlled Release*, **2015**, 213, e83	11.7	2
98	Amphiphilic block copolymer of SN38 prodrugs by atom transfer radical polymerization: Synthesis, kinetic studies and self-assembly. *Journal of Controlled Release*, **2015**, 213, e124	11.7	4
97	Elastin-like polypeptide fusion for precision design of protein-polymer conjugates with improved pharmacology. *Science China Materials*, **2015**, 58, 767-768	7.1	1
96	A linear polyethylenimine (LPEI) drug conjugate with reversible charge to overcome multidrug resistance in cancer cells. *Polymer*, **2015**, 76, 150-158	3.9	13
95	Facile synthesis of size-tunable stable nanoparticles via click reaction for cancer drug delivery. *Science China Chemistry*, **2014**, 57, 633-644	7.9	14
94	Jellyfish-Shaped Amphiphilic Dendrimers: Synthesis and Formation of Extremely Uniform Aggregates. *Macromolecules*, **2014**, 47, 916-921	5.5	30
93	Functional and biodegradable dendritic macromolecules with controlled architectures as nontoxic and efficient nanoscale gene vectors. *Biotechnology Advances*, **2014**, 32, 818-30	17.8	52
92	Gene-Delivery Vectors: Viral Mimicking Ternary Polyplexes: A Reduction-Controlled Hierarchical Unpacking Vector for Gene Delivery (Adv. Mater. 10/2014). *Advanced Materials*, **2014**, 26, 1632-1632	24	4
91	Integration of nanoassembly functions for an effective delivery cascade for cancer drugs. *Advanced Materials*, **2014**, 26, 7615-21	24	253
90	pH Responsive Behavior of Fe3O4@PDEA-PEGMA Core-Shell Hybrid Magnetic Nanoparticles. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2014**, 63, 487-492	3	6
89	In vivo and in situ tracking cancer chemotherapy by highly photostable NIR fluorescent theranostic prodrug. *Journal of the American Chemical Society*, **2014**, 136, 3579-88	16.4	411
88	Molecularly precise dendrimer-drug conjugates with tunable drug release for cancer therapy. *Angewandte Chemie - International Edition*, **2014**, 53, 10949-55	16.4	81
87	Charge-Reversal Polymers for Biodelivery **2014**, 223-242		4
86	Viral mimicking ternary polyplexes: a reduction-controlled hierarchical unpacking vector for gene delivery. *Advanced Materials*, **2014**, 26, 1534-40	24	104
85	Synthesis and Properties of a Biodegradable Dendritic Magnetic Resonance Imaging Contrast Agent. *Chinese Journal of Chemistry*, **2014**, 32, 91-96	4.9	11
84	Molecularly Precise Dendrimer–Drug Conjugates with Tunable Drug Release for Cancer Therapy. *Angewandte Chemie*, **2014**, 126, 11129-11135	3.6	4
83	Novel SN38 conjugate-forming nanoparticles as anticancer prodrug: in vitro and in vivo studies. *Journal of Controlled Release*, **2013**, 166, 147-58	11.7	86

82	Self-assembling doxorubicin prodrug forming nanoparticles for cancer chemotherapy: synthesis and anticancer study in vitro and in vivo. *Journal of Materials Chemistry B*, **2013**, 1, 284-292	7.3	95
81	Macromolecular MRI contrast agents: Structures, properties and applications. *Progress in Polymer Science*, **2013**, 38, 462-502	29.6	115
80	Constructing NIR silica□yanine hybrid nanocomposite for bioimaging in vivo: a breakthrough in photo-stability and bright fluorescence with large Stokes shift. *Chemical Science*, **2013**, 4, 1221	9.4	69
79	Synthesis of degradable bifunctional dendritic polymers as versatile drug carriers. *Polymer Chemistry*, **2013**, 4, 812-819	4.9	13
78	Linear-dendritic drug conjugates forming long-circulating nanorods for cancer-drug delivery. *Biomaterials*, **2013**, 34, 5722-35	15.6	139
77	Acid-active cell-penetrating peptides for in vivo tumor-targeted drug delivery. *Journal of the American Chemical Society*, **2013**, 135, 933-40	16.4	269
76	Chapter 11:Polymer-Based Prodrugs for Cancer Chemotherapy. *RSC Polymer Chemistry Series*, **2013**, 245-260	[illegible]	3
75	Chapter 13:Near-Critical Micellization for Nanomedicine: Enhanced Drug Loading, Reduced Burst Release. *RSC Polymer Chemistry Series*, **2013**, 281-301	1.3	
74	Tumor redox heterogeneity-responsive prodrug nanocapsules for cancer chemotherapy. *Advanced Materials*, **2013**, 25, 3670-6	24	305
73	Self-Assembly of Polymers into Soft Nanoparticles and Nanocapsules **2012**,		1
72	Targeted acid-labile conjugates of norcantharidin for cancer chemotherapy. *Journal of Materials Chemistry*, **2012**, 22, 15804		19
71	Facile synthesis and in vivo evaluation of biodegradable dendritic MRI contrast agents. *Journal of Materials Chemistry*, **2012**, 22, 14369		28
70	Multilayered Nanoparticles for Controlled Release of Paclitaxel Formed by Near-Critical Micellization of Triblock Copolymers. *Macromolecules*, **2012**, 45, 4809-4817	5.5	11
69	Conjugate of Pt(IV)-histone deacetylase inhibitor as a prodrug for cancer chemotherapy. *Molecular Pharmaceutics*, **2012**, 9, 2793-800	5.6	91
68	Challenges in design of translational nanocarriers. *Journal of Controlled Release*, **2012**, 164, 156-69	11.7	191
67	Nuclear drug delivery for cancer chemotherapy. *Journal of Controlled Release*, **2011**, 155, 227-36	11.7	110
66	Platinum (IV)-coordinate polymers as intracellular reduction-responsive backbone-type conjugates for cancer drug delivery. *Biomaterials*, **2011**, 32, 9136-43	15.6	76
65	Degradable dual pH- and temperature-responsive photoluminescent dendrimers. *Chemistry - A European Journal*, **2011**, 17, 5319-26	4.8	59

64	Linear polyethyleneimine-based charge-reversal nanoparticles for nuclear-targeted drug delivery. *Journal of Materials Chemistry*, **2011**, 21, 19114		50
63	Near-Critical Fluid Micellization for High and Efficient Drug Loading: Encapsulation of Paclitaxel into PEG-b-PCL Micelles. *Journal of Physical Chemistry C*, **2011**, 115, 11951-11956	3.8	20
62	Charge-reversal polyamidoamine dendrimer for cascade nuclear drug delivery. *Nanomedicine*, **2010**, 5, 1205-17	5.6	91
61	Amphiphilic curcumin conjugate-forming nanoparticles as anticancer prodrug and drug carriers: in vitro and in vivo effects. *Nanomedicine*, **2010**, 5, 855-65	5.6	79
60	Prodrugs forming high drug loading multifunctional nanocapsules for intracellular cancer drug delivery. *Journal of the American Chemical Society*, **2010**, 132, 4259-65	16.4	482
59	Fabrication of micellar nanoparticles for drug delivery through the self-assembly of block copolymers. *Progress in Polymer Science*, **2010**, 35, 1128-1143	29.6	392
58	Charge-Reversal Drug Conjugate for Targeted Cancer Cell Nuclear Drug Delivery. *Advanced Functional Materials*, **2009**, 19, 3580-3589	15.6	266
57	Atom transfer radical polymerization and copolymerization of vinyl acetate catalyzed by copper halide/terpyridine. *AICHE Journal*, **2009**, 55, 737-746	3.6	43
56	Degradable poly(beta-amino ester) nanoparticles for cancer cytoplasmic drug delivery. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2009**, 5, 192-201	6	77
55	Facile synthesis of polyester dendrimers from sequential click coupling of asymmetrical monomers. *Journal of the American Chemical Society*, **2009**, 131, 14795-803	16.4	99
54	Block Copolymer Micelles Formed in Supercritical Fluid Can Become Water-Dispensable Nanoparticles: Poly(ethylene glycol)Block-Poly(?-caprolactone) in Trifluoromethane. *Industrial & Engineering Chemistry Research*, **2009**, 48, 1928-1932	3.9	13
53	Isothermal Carbon Dioxide Sorption in Poly(ionic liquid)s. *Industrial & Engineering Chemistry Research*, **2009**, 48, 9113-9118	3.9	94
52	Pentadentate Copper Halide Complexes Have Higher Catalytic Activity in Atom Transfer Radical Polymerization of Methyl Acrylate Than Hexadentate Complexes. *Macromolecules*, **2009**, 42, 4531-4538	5.5	13
51	Poly(ionic liquid)s as Optically Transparent Microwave-Absorbing Materials. *Macromolecules*, **2008**, 41, 493-496	5.5	119
50	pH-responsive nanoparticles for cancer drug delivery. *Methods in Molecular Biology*, **2008**, 437, 183-216	1.4	47
49	Amidization of doxorubicin alleviates doxorubicin-induced contractile dysfunction and reduced survival in murine cardiomyocytes. *Toxicology Letters*, **2008**, 178, 197-201	4.4	7
48	Flue-Gas Carbon Capture on Carbonaceous Sorbents: Toward a Low-Cost Multifunctional Carbon Filter for Green Energy Producers *Industrial & Engineering Chemistry Research*, **2008**, 47, 3783-3794	3.9	181
47	Tertiary Amine Enhanced Activity of ATRP Catalysts CuBr/TPMA and CuBr/Me6TREN. *Macromolecular Rapid Communications*, **2008**, 29, 1834-1838	4.8	43

46	Virion-mimicking nanocapsules from pH-controlled hierarchical self-assembly for gene delivery. *Angewandte Chemie - International Edition*, **2008**, 47, 1260-4	16.4	69
45	Carbon Dioxide Solubility in Polymerized Ionic Liquids Containing Ammonium and Imidazolium Cations from Magnetic Suspension Balance: P[VBTMA][BF4] and P[VBMI][BF4]. *Industrial & Engineering Chemistry Research*, **2007**, 46, 5542-5547	3.9	54
44	Targeted charge-reversal nanoparticles for nuclear drug delivery. *Angewandte Chemie - International Edition*, **2007**, 46, 4999-5002	16.4	325
43	Synthesis of degradable functional poly(ethylene glycol) analogs as versatile drug delivery carriers. *Macromolecular Bioscience*, **2007**, 7, 1187-98	5.5	35
42	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). *Fluid Phase Equilibria*, **2007**, 256, 75-80	2.5	59
41	Carbon nanotube composite membranes of brominated poly(2,6-diphenyl-1,4-phenylene oxide) for gas separation. *Journal of Membrane Science*, **2007**, 294, 178-185	9.6	192
40	Brominated Poly(2,6-diphenyl-1,4-phenylene oxide) and Its Silica Nanocomposite Membranes for Gas Separation. *Industrial & Engineering Chemistry Research*, **2007**, 46, 2567-2575	3.9	62
39	Nanocomposite Membranes for CO2 Separations: Silica/Brominated Poly(phenylene oxide). *Industrial & Engineering Chemistry Research*, **2007**, 46, 1547-1551	3.9	43
38	Supported absorption of CO2 by tetrabutylphosphonium amino acid ionic liquids. *Chemistry - A European Journal*, **2006**, 12, 4021-6	4.8	432
37	CuBr2/N,N,N?,N?-Tetra[(2-pyridal)methyl]ethylenediamine/Tertiary Amine as a Highly Active and Versatile Catalyst for Atom-Transfer Radical Polymerization via Activator Generated by Electron Transfer. *Macromolecular Rapid Communications*, **2006**, 27, 1127-1131	4.8	88
36	Magnetic Nanoparticle Supported Catalyst for Atom Transfer Radical Polymerization. *Macromolecules*, **2006**, 39, 6399-6405	5.5	77
35	Anticancer efficacies of cisplatin-releasing pH-responsive nanoparticles. *Biomacromolecules*, **2006**, 7, 829-35	6.9	149
34	Highly active copper-based catalyst for atom transfer radical polymerization. *Journal of the American Chemical Society*, **2006**, 128, 16277-85	16.4	132
33	Synthesis and self-assembly of thymine- and adenine-containing homopolymers and diblock copolymers. *Journal of Polymer Science Part A*, **2006**, 44, 5995-6006	2.5	14
32	Template atom transfer radical polymerization of a diaminopyrimidine-derivatized monomer in the presence of a uracil-containing polymer. *Journal of Polymer Science Part A*, **2006**, 44, 6607-6615	2.5	9
31	Magnetic Nanoparticle Supported Catalyst for Atom Transfer Radical Polymerization of Methyl Methacrylate. *ACS Symposium Series*, **2006**, 71-84	0.4	2
30	Ionic Liquid Catalyst for Biphasic Atom Transfer Radical Polymerization of Methyl Methacrylate. *Macromolecules*, **2005**, 38, 5921-5928	5.5	106
29	Enhanced CO2 Absorption of Poly(ionic liquid)s. *Macromolecules*, **2005**, 38, 2037-2039	5.5	248

28	Low-pressure CO2 sorption in ammonium-based poly(ionic liquid)s. *Polymer*, **2005**, 46, 12460-12467	3.9	126
27	Atom transfer radical polymerization of styrenic ionic liquid monomers and carbon dioxide absorption of the polymerized ionic liquids. *Journal of Polymer Science Part A*, **2005**, 43, 1432-1443	2.5	129
26	Poly(ionic liquid)s as new materials for CO2 absorption. *Journal of Polymer Science Part A*, **2005**, 43, 5477-5489	2.5	185
25	Atom transfer radical polymerization of methyl methacrylate via reversibly supported catalysts on silica gel via self-assembly. *Journal of Polymer Science Part A*, **2004**, 42, 22-30	2.5	46
24	A new tetradentate ligand for atom transfer radical polymerization. *Journal of Polymer Science Part A*, **2004**, 42, 3553-3562	2.5	10
23	Atom transfer radical polymerization of ionic liquid 2-(1-butylimidazolium-3-yl)ethyl methacrylate tetrafluoroborate. *Journal of Polymer Science Part A*, **2004**, 42, 5794-5801	2.5	115
22	Atom Transfer Radical Polymerization of N,N-Dimethylacrylamide. *Macromolecular Rapid Communications*, **2004**, 25, 632-636	4.8	18
21	Catalyst separation in atom transfer radical polymerization. *Progress in Polymer Science*, **2004**, 29, 1053-1078	29.8	204
20	Enhanced stability of core-surface cross-linked micelles fabricated from amphiphilic brush copolymers. *Biomacromolecules*, **2004**, 5, 1736-44	6.9	132
19	Reversible Catalyst Supporting via Hydrogen-Bonding-Mediated Self-Assembly for Atom Transfer Radical Polymerization of MMA. *Macromolecules*, **2004**, 37, 1728-1734	5.5	53
18	Continuous atom transfer radical block copolymerization of methacrylates. *AICHE Journal*, **2002**, 48, 2609-2619	3.6	55
17	Atom Transfer Radical Polymerization of Methyl Methacrylate Mediated by Copper Bromide⁄Tetraethyldiethylenetriamine Grafted on Soluble and Recoverable Poly(ethylene-b-ethylene glycol) Supports. *Macromolecules*, **2001**, 34, 8603-8609	5.5	64
16	Soluble and Recoverable Support for Copper Bromide-Mediated Living Radical Polymerization. *Macromolecules*, **2001**, 34, 3182-3185	5.5	64
15	Effect of Ligand Spacer on Silica Gel Supported Atom Transfer Radical Polymerization of Methyl Methacrylate. *Macromolecules*, **2001**, 34, 5812-5818	5.5	69
14	Regulation of biodegradability and drug release behavior of aliphatic polyesters by blending. *Journal of Biomedical Materials Research Part B*, **2000**, 50, 528-35		33
13	Atom Transfer Radical Polymerization of Methyl Methacrylate by Silica Gel Supported Copper Bromide/Multidentate Amine. *Macromolecules*, **2000**, 33, 5427-5431	5.5	99
12	Versatile Initiators for Macromonomer Syntheses of Acrylates, Methacrylates, and Styrene by Atom Transfer Radical Polymerization. *Macromolecules*, **2000**, 33, 5399-5404	5.5	71
11	Synthesis and Characterization of Comb-Branched Polyelectrolytes. 1. Preparation of Cationic Macromonomer of 2-(Dimethylamino)ethyl Methacrylate by Atom Transfer Radical Polymerization. *Macromolecules*, **2000**, 33, 1628-1635	5.5	122

10	Ring-Opening Copolymerization of Trimethylene Carbonate and D,L-Lactide by Rare Earth Chloride. *Polymer Journal*, **1998**, 30, 168-170	2.7	18
9	A comparison of polymerization characteristics and mechanisms of □caprolactone and trimethylene-carbonate with rare earth halides. *Journal of Polymer Science Part A*, **1997**, 35, 1339-1352	2.5	31
8	Random copolymerization of ?-caprolactone and trimethylene carbonate with rare earth catalysts. *Journal of Applied Polymer Science*, **1997**, 64, 2131-2139	2.9	36
7	Synthesis and characterization of highly random copolymer of ?-caprolactone and D,L-lactide using rare earth catalyst. *Journal of Polymer Science Part A*, **1996**, 34, 1799-1805	2.5	79
6	Ring Opening Polymerization of □Caprolactone by Rare Earth Alkoxide□Cl4 Systems. *Polymer Journal*, **1995**, 27, 59-64	2.7	42
5	Preparation of poly(DMA-co-DBA) and its application in gene delivery. *International Journal of Polymeric Materials and Polymeric Biomaterials*,1-10	3	
4	Preparation of Pyridine Polyionic Liquid Porous Microspheres and Their Application in Organic Dye Adsorption. *Journal of Polymers and the Environment*,1	4.5	1
3	Preparation and biomedical application of injectable hydrogels. *Materials Chemistry Frontiers*,	7.8	3
2	CelluMOFs: Green, Facile, and Flexible Metal-Organic Frameworks for Versatile Applications. *Advanced Functional Materials*,2105395	15.6	12
1	Microporous poly(glycidyl methacrylate-co-ethylene glycol dimethyl acrylate) microspheres: synthesis, functionalization and applications. *Polymer Chemistry*,	4.9	1