You-Qing Shen

List of Publications by Citations

450 papers	18,734 citations	69 h-index	123 g-index
497 ext. papers	21,844 ext. citations	7.2 avg, IF	7.06 L-index

#	Paper	IF	Citations
450	Diverse Applications of Nanomedicine. *ACS Nano*, **2017**, 11, 2313-2381	16.7	714
449	Rational Design of Cancer Nanomedicine: Nanoproperty Integration and Synchronization. *Advanced Materials*, **2017**, 29, 1606628	24	545
448	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
447	The Role of Micelle Size in Tumor Accumulation, Penetration, and Treatment. *ACS Nano*, **2015**, 9, 7195-206	16.7	444
446	Supported absorption of CO2 by tetrabutylphosphonium amino acid ionic liquids. *Chemistry - A European Journal*, **2006**, 12, 4021-6	4.8	432
445	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
444	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
443	Polymer–inorganic nanocomposite membranes for gas separation. *Separation and Purification Technology*, **2007**, 55, 281-291	8.3	365
442	Enzyme-activatable polymer-drug conjugate augments tumour penetration and treatment efficacy. *Nature Nanotechnology*, **2019**, 14, 799-809	28.7	327
441	Targeted charge-reversal nanoparticles for nuclear drug delivery. *Angewandte Chemie - International Edition*, **2007**, 46, 4999-5002	16.4	325
440	Tumor redox heterogeneity-responsive prodrug nanocapsules for cancer chemotherapy. *Advanced Materials*, **2013**, 25, 3670-6	24	305
439	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
438	Charge-Reversal Drug Conjugate for Targeted Cancer Cell Nuclear Drug Delivery. *Advanced Functional Materials*, **2009**, 19, 3580-3589	15.6	266
437	Precise nanomedicine for intelligent therapy of cancer. *Science China Chemistry*, **2018**, 61, 1503-1552	7.9	256
436	Integration of nanoassembly functions for an effective delivery cascade for cancer drugs. *Advanced Materials*, **2014**, 26, 7615-21	24	253
435	Enhanced CO2 Absorption of Poly(ionic liquid)s. *Macromolecules*, **2005**, 38, 2037-2039	5.5	248
434	Fusogenic Reactive Oxygen Species Triggered Charge-Reversal Vector for Effective Gene Delivery. *Advanced Materials*, **2016**, 28, 1743-52	24	238

433	Nonviral cancer gene therapy: Delivery cascade and vector nanoproperty integration. *Advanced Drug Delivery Reviews*, **2017**, 115, 115-154	18.5	237
432	A Tumor-Specific Cascade Amplification Drug Release Nanoparticle for Overcoming Multidrug Resistance in Cancers. *Advanced Materials*, **2017**, 29, 1702342	24	209
431	Catalyst separation in atom transfer radical polymerization. *Progress in Polymer Science*, **2004**, 29, 1053-1078	29.8	204
430	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
429	Challenges in design of translational nanocarriers. *Journal of Controlled Release*, **2012**, 164, 156-69	11.7	191
428	Poly(ionic liquid)s as new materials for CO2 absorption. *Journal of Polymer Science Part A*, **2005**, 43, 5477-5489	2.5	185
427	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
426	Curcumin polymers as anticancer conjugates. *Biomaterials*, **2010**, 31, 7139-49	15.6	159
425	Anticancer efficacies of cisplatin-releasing pH-responsive nanoparticles. *Biomacromolecules*, **2006**, 7, 829-35	6.9	149
424	Esterase-Activated Charge-Reversal Polymer for Fibroblast-Exempt Cancer Gene Therapy. *Advanced Materials*, **2016**, 28, 10613-10622	24	144
423	Linear-dendritic drug conjugates forming long-circulating nanorods for cancer-drug delivery. *Biomaterials*, **2013**, 34, 5722-35	15.6	139
422	Novel Rare Earth Catalysts for the Living Polymerization and Block Copolymerization of ε-Caprolactone. *Macromolecules*, **1996**, 29, 8289-8295	5.5	135
421	Highly active copper-based catalyst for atom transfer radical polymerization. *Journal of the American Chemical Society*, **2006**, 128, 16277-85	16.4	132
420	Enhanced stability of core-surface cross-linked micelles fabricated from amphiphilic brush copolymers. *Biomacromolecules*, **2004**, 5, 1736-44	6.9	132
419	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
418	Low-pressure CO2 sorption in ammonium-based poly(ionic liquid)s. *Polymer*, **2005**, 46, 12460-12467	3.9	126
417	The Blood Clearance Kinetics and Pathway of Polymeric Micelles in Cancer Drug Delivery. *ACS Nano*, **2018**, 12, 6179-6192	16.7	125
416	In situ doping polymerization of pyrrole with sulfonic acid as a dopant. *Synthetic Metals*, **1998**, 96, 127-132	3.6	122

415	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
414	Poly(ionic liquid)s as Optically Transparent Microwave-Absorbing Materials. *Macromolecules*, **2008**, 41, 493-496	5.5	119
413	Preparation, surface functionalization and application of FeO magnetic nanoparticles. *Advances in Colloid and Interface Science*, **2020**, 281, 102165	14.3	116
412	Macromolecular MRI contrast agents: Structures, properties and applications. *Progress in Polymer Science*, **2013**, 38, 462-502	29.6	115
411	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
410	Nuclear drug delivery for cancer chemotherapy. *Journal of Controlled Release*, **2011**, 155, 227-36	11.7	110
409	Dual-channel NIR activatable theranostic prodrug for spatiotemporal tracking thiol-triggered chemotherapy. *Chemical Science*, **2016**, 7, 4958-4965	9.4	110
408	Ionic Liquid Catalyst for Biphasic Atom Transfer Radical Polymerization of Methyl Methacrylate. *Macromolecules*, **2005**, 38, 5921-5928	5.5	106
407	Viral mimicking ternary polyplexes: a reduction-controlled hierarchical unpacking vector for gene delivery. *Advanced Materials*, **2014**, 26, 1534-40	24	104
406	CO2 permeability, diffusivity and solubility in polyethylene glycol-grafted polyionic membranes and their CO2 selectivity relative to methane and nitrogen. *Journal of Membrane Science*, **2006**, 281, 130-138	9.6	103
405	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
404	Atom Transfer Radical Polymerization of Methyl Methacrylate by Silica Gel Supported Copper Bromide/Multidentate Amine. *Macromolecules*, **2000**, 33, 5427-5431	5.5	99
403	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
402	Isothermal Carbon Dioxide Sorption in Poly(ionic liquid)s. *Industrial & Engineering Chemistry Research*, **2009**, 48, 9113-9118	3.9	94
401	Conjugate of Pt(IV)-histone deacetylase inhibitor as a prodrug for cancer chemotherapy. *Molecular Pharmaceutics*, **2012**, 9, 2793-800	5.6	91
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399	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
398	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

397	Packed column reactor for continuous atom transfer radical polymerization: Methyl methacrylate polymerization using silica gel supported catalyst. *Macromolecular Rapid Communications*, **2000**, 21, 956-959	4.8	85
396	Transferrin-modified liposome promotes □mangostin to penetrate the blood-brain barrier. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2016**, 12, 421-30	6	82
395	Molecularly precise dendrimer-drug conjugates with tunable drug release for cancer therapy. *Angewandte Chemie - International Edition*, **2014**, 53, 10949-55	16.4	81
394	Facile Synthesis of Polyester Dendrimers as Drug Delivery Carriers. *Macromolecules*, **2013**, 46, 37-42	5.5	80
393	Curcumin Micelles Remodel Tumor Microenvironment and Enhance Vaccine Activity in an Advanced Melanoma Model. *Molecular Therapy*, **2016**, 24, 364-374	11.7	79
392	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
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390	Degradable poly(beta-amino ester) nanoparticles for cancer cytoplasmic drug delivery. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2009**, 5, 192-201	6	77
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379	Application and design of esterase-responsive nanoparticles for cancer therapy. *Drug Delivery*, **2019**, 26, 416-432	7	68
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372	Soluble and Recoverable Support for Copper Bromide-Mediated Living Radical Polymerization. *Macromolecules*, **2001**, 34, 3182-3185	5.5	64
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