Anthony Convertine

List of Publications by Year
in descending order

56 papers	4,673 citations	94433 37 h-index	155660 55 g-index
56 all docs	56 docs citations	56 times ranked	5308 citing authors

#	Article	IF	Citations
1	Theranostic Copolymers Neutralize Reactive Oxygen Species and Lipid Peroxidation Products for the Combined Treatment of Traumatic Brain Injury. Biomacromolecules, 2022, 23, 1703-1712.	5.4	5
2	Antioxidant thioether core-crosslinked nanoparticles prevent the bilateral spread of secondary injury to protect spatial learning and memory in a controlled cortical impact mouse model of traumatic brain injury. Biomaterials, 2021, 272, 120766.	11.4	25
3	Mannose Conjugated Polymer Targeting P.Âaeruginosa Biofilms. ACS Infectious Diseases, 2020, 6, 2866-2871.	3.8	9
4	Glycan targeted polymeric antibiotic prodrugs for alveolar macrophage infections. Biomaterials, 2019, 195, 38-50.	11.4	38
5	Radiant star nanoparticle prodrugs for the treatment of intracellular alveolar infections. Polymer Chemistry, 2018, 9, 2134-2146.	3.9	9
6	Micellization of a diâ€block copolymer in ethylene glycol and its utilization for suspension of carbonaceous nanostructures. Journal of Applied Polymer Science, 2018, 135, 46518.	2.6	0
7	Fully synthetic macromolecular prodrug chemotherapeutics with EGFR targeting and controlled camptothecin release kinetics. Polymer Chemistry, 2018, 9, 5224-5233.	3.9	13
8	Polymer-augmented liposomes enhancing antibiotic delivery against intracellular infections. Biomaterials Science, 2018, 6, 1976-1985.	5.4	47
9	Macrophage-targeted drugamers with enzyme-cleavable linkers deliver high intracellular drug dosing and sustained drug pharmacokinetics against alveolar pulmonary infections. Journal of Controlled Release, 2018, 287, 1-11.	9.9	48
10	Enzyme-Cleavable Polymeric Micelles for the Intracellular Delivery of Proapoptotic Peptides. Molecular Pharmaceutics, 2017, 14, 1450-1459.	4.6	47
11	Synthetic Macromolecular Antibiotic Platform for Inhalable Therapy against Aerosolized Intracellular Alveolar Infections. Molecular Pharmaceutics, 2017, 14, 1988-1997.	4.6	20
12	Core-Cross-Linked Nanoparticles Reduce Neuroinflammation and Improve Outcome in a Mouse Model of Traumatic Brain Injury. ACS Nano, 2017, 11, 8600-8611.	14.6	91
13	Theranostic Oxygen Reactive Polymers for Treatment of Traumatic Brain Injury. Advanced Functional Materials, 2016, 26, 4124-4133.	14.9	38
14	Nanostructured glycopolymer augmented liposomes to elucidate carbohydrate-mediated targeting. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2031-2041.	3.3	25
15	pH and Salt Effects on Surface Activity and Self-Assembly of Copolymers Containing a Weak Polybase. Langmuir, 2016, 32, 9286-9292.	3.5	7
16	Synthesis of zwitterionic, hydrophobic, and amphiphilic polymers via RAFT polymerization induced self-assembly (PISA) in acetic acid. Polymer Chemistry, 2016, 7, 6133-6143.	3.9	19
17	Chemotherapeutic copolymers prepared via the RAFT polymerization of prodrug monomers. Polymer Chemistry, 2016, 7, 4494-4505.	3.9	19
18	RAFT polymerization of ciprofloxacin prodrug monomers for the controlled intracellular delivery of antibiotics. Polymer Chemistry, 2016, 7, 826-837.	3.9	45

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19	Antibody targeting facilitates effective intratumoral siRNA nanoparticle delivery to HER2-overexpressing cancer cells. Oncotarget, 2016, 7, 9561-9575.	1.8	46
20	Enhancement of MHC-I Antigen Presentation via Architectural Control of pH-Responsive, Endosomolytic Polymer Nanoparticles. AAPS Journal, 2015, 17, 358-369.	4.4	52
21	Intracellular Delivery System for Antibodyâ€“Peptide Drug Conjugates. Molecular Therapy, 2015, 23, 907-917.	8.2	33
22	Polymer nanostructures synthesized by controlled living polymerization for tumor-targeted drug delivery. Journal of Controlled Release, 2015, 219, 345-354.	9.9	48
23	Well-defined single polymer nanoparticles for the antibody-targeted delivery of chemotherapeutic agents. Polymer Chemistry, 2015, 6, 1286-1299.	3.9	18
24	Dynamic intracellular delivery of antibiotics via pH-responsive polymersomes. Polymer Chemistry, 2015, 6, 1255-1266.	3.9	34
25	Neutral polymer micelle carriers with pH-responsive, endosome-releasing activity modulate antigen trafficking to enhance CD8+ T cell responses. Journal of Controlled Release, 2014, 191, 24-33.	9.9	119
26	Synthesis and characterization of transferrin-targeted chemotherapeutic delivery systems prepared via RAFT copolymerization of high molecular weight PEG macromonomers. Polymer Chemistry, 2014, 5, 1791-1799.	3.9	27
27	A Computationally Designed Inhibitor of an Epstein-Barr Viral Bcl-2 Protein Induces Apoptosis in Infected Cells. Cell, 2014, 157, 1644-1656.	28.9	118
28	Melittin-grafted HPMA-oligolysine based copolymers for gene delivery. Biomaterials, 2013, 34, 2318-2326.	11.4	57
29	Neutral Polymeric Micelles for RNA Delivery. Bioconjugate Chemistry, 2013, 24, 398-407.	3.6	42
30	pH-Responsive Nanoparticle Vaccines for Dual-Delivery of Antigens and Immunostimulatory Oligonucleotides. ACS Nano, 2013, 7, 3912-3925.	14.6	280
31	Application of Living Free Radical Polymerization for Nucleic Acid Delivery. Accounts of Chemical Research, 2012, 45, 1089-1099.	15.6	111
32	Intracellular Delivery and Trafficking Dynamics of a Lymphoma-Targeting Antibodyâ€“Polymer Conjugate. Molecular Pharmaceutics, 2012, 9, 3506-3514.	4.6	38
33	Diblock copolymers with tunable pH transitions for gene delivery. Biomaterials, 2012, 33, 2301-2309.	11.4	104
34	Multifunctional triblock copolymers for intracellular messenger RNA delivery. Biomaterials, 2012, 33, 6868-6876.	11.4	111
35	In vivo targeting of alveolar macrophages via RAFT-based glycopolymers. Biomaterials, 2012, 33, 6889-6897.	11.4	67
36	pH-responsive polymerâ€“antigen vaccine bioconjugates. Polymer Chemistry, 2011, 2, 1499.	3.9	33

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37	RAFT-synthesized graft copolymers that enhance pH-dependent membrane destabilization and protein circulation times. Journal of Controlled Release, 2011, 155, 167-174.	9.9	31
38	Anti-CD22 Antibody Targeting of pH-responsive Micelles Enhances Small Interfering RNA Delivery and Gene Silencing in Lymphoma Cells. Molecular Therapy, 2011, 19, 1529-1537.	8.2	56
39	Synthesis of Statistical Copolymers Containing Multiple Functional Peptides for Nucleic Acid Delivery. Biomacromolecules, 2010, 11, 3007-3013.	5.4	38
40	Intracellular Delivery of a Proapoptotic Peptide via Conjugation to a RAFT Synthesized Endosomolytic Polymer. Molecular Pharmaceutics, 2010, 7, 468-476.	4.6	94
41	pH-Responsive Polymeric Micelle Carriers for siRNA Drugs. Biomacromolecules, 2010, 11, 2904-2911.	5.4	209
42	Thermosensitive Liposomes Modified with Poly(N-isopropylacrylamide-co-propylacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.4	116
43	Development of a novel endosomolytic diblock copolymer for siRNA delivery. Journal of Controlled Release, 2009, 133, 221-229.	9.9	367
44	End-Functionalized Polymers and Junction-Functionalized Diblock Copolymers Via RAFT Chain Extension with Maleimido Monomers. Bioconjugate Chemistry, 2009, 20, 1122-1128.	3.6	46
45	Effect of Sequential Layer-by-Layer Surface Modifications on the Surface Energy of Plasma-Modified Poly(dimethylsiloxane). Langmuir, 2007, 23, 667-672.	3.5	20
46	Direct Synthesis of Thermally Responsive DMA/NIPAM Diblock and DMA/NIPAM/DMA Triblock Copolymers via Aqueous, Room Temperature RAFT Polymerizationâ€. Macromolecules, 2006, 39, 1724-1730.	4.8	327
47	Fluorescent Labeling of RAFT-Generated Poly(N-isopropylacrylamide) via a Facile Maleimideâ^'Thiol Coupling Reactionâ€. Biomacromolecules, 2006, 7, 1389-1392.	5.4	206
48	Responsive Nanoassemblies via Interpolyelectrolyte Complexation of Amphiphilic Block Copolymer Micelles. Macromolecules, 2006, 39, 8594-8602.	4.8	133
49	Corona-Stabilized Interpolyelectrolyte Complexes of SiRNA with Nonimmunogenic, Hydrophilic/Cationic Block Copolymers Prepared by Aqueous RAFT Polymerizationâ€. Macromolecules, 2006, 39, 6871-6881.	4.8	84
50	Aqueous RAFT Polymerization of Acrylamide andN,N-Dimethylacrylamide at Room Temperature. Macromolecular Rapid Communications, 2005, 26, 791-795.	3.9	104
51	Direct, Controlled Synthesis of the Nonimmunogenic, Hydrophilic Polymer, Poly(N-(2-hydroxypropyl)methacrylamide) via RAFT in Aqueous Mediaâ€. Biomacromolecules, 2005, 6, 1846-1850.	5.4	182
52	Aqueous solution properties of pH-responsive AB diblock acrylamido-styrenic copolymers synthesized via aqueous reversible addition-fragmentation chain transfer. Journal of Polymer Science Part A, 2004, 42, 1724-1734.	2.3	85
53	Facile, Controlled, Room-Temperature RAFT Polymerization ofN-Isopropylacrylamideâ€. Biomacromolecules, 2004, 5, 1177-1180.	5.4	230
54	Hydrolytic Susceptibility of Dithioester Chain Transfer Agents and Implications in Aqueous RAFT Polymerizations. Macromolecules, 2004, 37, 1735-1741.	4.8	228

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55	Kinetics and Molecular Weight Control of the Polymerization of Acrylamide via RAFTâ€. Macromolecules, 2004, 37, 8941-8950.	4.8	151
56	Synthesis of Block Copolymers of 2- and 4-Vinylpyridine by RAFT Polymerization. Macromolecules, 2003, 36, 4679-4681.	4.8	123