Si-Xue Cheng

List of Publications by Year
in descending order

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Version: 2024-02-01

142 papers	8,485 citations	38720 50 h-index	49868 87 g-index
143 all docs	143 docs citations	143 times ranked	10285 citing authors

#	Article	IF	Citations
1	Thermo-sensitive polymeric micelles based on poly(N-isopropylacrylamide) as drug carriers. Progress in Polymer Science, 2009, 34, 893-910.	11.8	643
2	Drug self-delivery systems for cancer therapy. Biomaterials, 2017, 112, 234-247.	5.7	443
3	Switching Apoptosis to Ferroptosis: Metalâ€“Organic Network for High-Efficiency Anticancer Therapy. Nano Letters, 2017, 17, 284-291.	4.5	359
4	Overcoming the Heat Endurance of Tumor Cells by Interfering with the Anaerobic Glycolysis Metabolism for Improved Photothermal Therapy. ACS Nano, 2017, 11, 1419-1431.	7.3	284
5	Functionalized Amphiphilic Hyperbranched Polymers for Targeted Drug Delivery. Biomacromolecules, 2008, 9, 2578-2585.	2.6	253
6	Engineered Bacterial Bioreactor for Tumor Therapy via Fentonâ€Like Reaction with Localized H₂O₂ Generation. Advanced Materials, 2019, 31, e1808278.	11.1	252
7	Phage-guided modulation of the gut microbiota of mouse models of colorectal cancer augments their responses to chemotherapy. Nature Biomedical Engineering, 2019, 3, 717-728.	11.6	229
8	Optically-controlled bacterial metabolite for cancer therapy. Nature Communications, 2018, 9, 1680.	5.8	212
9	Calcium Carbonate/Carboxymethyl Chitosan Hybrid Microspheres and Nanospheres for Drug Delivery. Journal of Physical Chemistry C, 2010, 114, 18940-18945.	1.5	157
10	Strategies to improve the response rate of thermosensitive PNIPAAm hydrogels. Soft Matter, 2008, 4, 385.	1.2	154
11	Composite microparticle drug delivery systems based on chitosan, alginate and pectin with improved pH-sensitive drug release property. Colloids and Surfaces B: Biointerfaces, 2009, 68, 245-249.	2.5	153
12	Redox-sensitive shell cross-linked PEGâ€“polypeptide hybrid micelles for controlled drug release. Polymer Chemistry, 2012, 3, 1084.	1.9	111
13	Temperature and pH Double Responsive Hybrid Cross-Linked Micelles Based on P(NIPAAm-co-MPMA)-b-P(DEA): RAFT Synthesis and â€œSchizophrenicâ€•Micellization. Macromolecules, 2009, 42, 4838-4844.	2.2	109
14	Switch on/off microcapsules for controllable photosensitive drug release in a â€˜release-cease-recommenceâ€™ mode. Polymer Chemistry, 2014, 5, 4396.	1.9	106
15	Temperature-Sensitive Poly(N-isopropylacrylamide) Hydrogels with Macroporous Structure and Fast Response Rate. Macromolecular Rapid Communications, 2003, 24, 447-451.	2.0	105
16	Fabrication of thermosensitive PCLâ€PNIPAAmâ€PCL triblock copolymeric micelles for drug delivery. Journal of Polymer Science Part A, 2008, 46, 3048-3057.	2.5	103
17	A Tumor Targeted Chimeric Peptide for Synergistic Endosomal Escape and Therapy by Dualâ€Stage Light Manipulation. Advanced Functional Materials, 2015, 25, 1248-1257.	7.8	103
18	Inhibition of Tumor Progression through the Coupling of Bacterial Respiration with Tumor Metabolism. Angewandte Chemie - International Edition, 2020, 59, 21562-21570.	7.2	98

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19	Highly Integrated Nano-Platform for Breaking the Barrier between Chemotherapy and Immunotherapy. Nano Letters, 2016, 16, 4341-4347.	4.5	96
20	Peptideâ€Based Multifunctional Nanomaterials for Tumor Imaging and Therapy. Advanced Functional Materials, 2018, 28, 1804492.	7.8	94
21	Aptamer/Peptideâ€Functionalized Genomeâ€Editing System for Effective Immune Restoration through Reversal of PDâ€L1â€Mediated Cancer Immunosuppression. Advanced Materials, 2020, 32, e2000208.	11.1	94
22	Macroporous poly(N-isopropylacrylamide) hydrogels with fast response rates and improved protein release properties. Journal of Biomedical Materials Research Part B, 2003, 67A, 96-103.	3.0	93
23	Tumorâ€Microenvironmentâ€Triggered Ion Exchange of a Metalâ€“Organic Framework Hybrid for Multimodal Imaging and Synergistic Therapy of Tumors. Advanced Materials, 2020, 32, e2001452.	11.1	92
24	Smart and hyper-fast responsive polyprodrug nanoplatform for targeted cancer therapy. Biomaterials, 2016, 76, 238-249.	5.7	88
25	Thermosensitive Y-Shaped Micelles of Poly(oleic acid-Y-N-isopropylacrylamide) for Drug Delivery. Small, 2006, 2, 917-923.	5.2	87
26	A surface charge-switchable and folate modified system for co-delivery of proapoptosis peptide and p53 plasmid in cancer therapy. Biomaterials, 2016, 77, 149-163.	5.7	86
27	Alginate/CaCO₃ Hybrid Nanoparticles for Efficient Codelivery of Antitumor Gene and Drug. Molecular Pharmaceutics, 2012, 9, 2887-2893.	2.3	85
28	Dual-Targeting Pro-apoptotic Peptide for Programmed Cancer Cell Death via Specific Mitochondria Damage. Scientific Reports, 2013, 3, 3468.	1.6	85
29	Alginate modified nanostructured calcium carbonate with enhanced delivery efficiency for gene and drug delivery. Molecular BioSystems, 2012, 8, 753-759.	2.9	83
30	Multi-drug delivery system based on alginate/calcium carbonate hybrid nanoparticles for combination chemotherapy. Colloids and Surfaces B: Biointerfaces, 2014, 123, 498-505.	2.5	80
31	Multifunctional Nanosystem for Synergistic Tumor Therapy Delivered by Two-Dimensional MoS₂. ACS Applied Materials & Interfaces, 2017, 9, 13965-13975.	4.0	80
32	Selfâ€Assembly Strategy for the Preparation of Polymerâ€Based Nanoparticles for Drug and Gene Delivery. Macromolecular Bioscience, 2011, 11, 576-589.	2.1	78
33	Preparation and properties of poly(N -isopropylacrylamide)/poly(N -isopropylacrylamide) interpenetrating polymer networks for drug delivery. Journal of Polymer Science Part A, 2004, 42, 1249-1254.	2.5	71
34	Novel polycationic micelles for drug delivery and gene transfer. Journal of Materials Chemistry, 2008, 18, 4433.	6.7	67
35	Poly(vinyl alcohol)/poly(N-isopropylacrylamide) semi-interpenetrating polymer network hydrogels with rapid response to temperature changes. Colloid and Polymer Science, 2003, 281, 580-583.	1.0	66
36	Dual-Peptide-Functionalized Albumin-Based Nanoparticles with pH-Dependent Self-Assembly Behavior for Drug Delivery. ACS Applied Materials & Interfaces, 2015, 7, 15148-15153.	4.0	65

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37	Self-Assembled Polymer/Inorganic Hybrid Nanovesicles for Multiple Drug Delivery To Overcome Drug Resistance in Cancer Chemotherapy. Langmuir, 2015, 31, 5115-5122.	1.6	64
38	Synthesis and characterization of wellâ€defined, amphiphilic poly(Nâ€isopropylacrylamide)â€bâ€[2â€hydroxyethyl methacrylateâ€poly(ïµâ€caprolactone)]_n graft copolymers by RAFT polymerization and macromonomer method. Journal of Polymer Science Part A, 2007, 45, 5354-5364.	2.5	62
39	Hostâ€“Guest Assembly of pH-Responsive Degradable Microcapsules with Controlled Drug Release Behavior. Journal of Physical Chemistry C, 2011, 115, 17651-17659.	1.5	62
40	Tumor-Triggered Drug Release with Tumor-Targeted Accumulation and Elevated Drug Retention To Overcome Multidrug Resistance. Chemistry of Materials, 2016, 28, 6742-6752.	3.2	61
41	Vascular disrupting agent induced aggregation of gold nanoparticles for photothermally enhanced tumor vascular disruption. Science Advances, 2020, 6, eabb0020.	4.7	60
42	Fabrication of Nanospheres and Vesicles as Drug Carriers by Self-Assembly of Alginate. Journal of Physical Chemistry C, 2008, 112, 16774-16778.	1.5	59
43	Hybrid Nanospheres and Vesicles Based on Pectin as Drug Carriers. Langmuir, 2009, 25, 11720-11726.	1.6	59
44	Facile preparation of heparin/CaCO3/CaP hybrid nano-carriers with controllable size for anticancer drug delivery. Colloids and Surfaces B: Biointerfaces, 2013, 102, 783-788.	2.5	59
45	Co-delivery of genes and drugs with nanostructured calcium carbonate for cancer therapy. RSC Advances, 2012, 2, 1820.	1.7	57
46	pH-Activated Targeting Drug Delivery System Based on the Selective Binding of Phenylboronic Acid. ACS Applied Materials & Interfaces, 2016, 8, 14845-14854.	4.0	56
47	A Metalâ€“Polyphenol Network Coated Nanotheranostic System for Metastatic Tumor Treatments. Small, 2017, 13, 1702714.	5.2	56
48	A vaccine-based nanosystem for initiating innate immunity and improving tumor immunotherapy. Nature Communications, 2020, 11, 1985.	5.8	55
49	Self-Assembled, Thermosensitive PCL-g-P(NIPAAm-co-HEMA) Micelles for Drug Delivery. Macromolecular Rapid Communications, 2006, 27, 1913-1919.	2.0	54
50	Targeting epithelial-mesenchymal transition: Metal organic network nano-complexes for preventing tumor metastasis. Biomaterials, 2017, 139, 116-126.	5.7	54
51	Aptamer-functionalized albumin-based nanoparticles for targeted drug delivery. Colloids and Surfaces B: Biointerfaces, 2018, 171, 24-30.	2.5	54
52	â€œClickâ€chemistry for in situ formation of thermoresponsive P(NIPAAmâ€coâ€HEMA)â€based hydrogels. Journal of Polymer Science Part A, 2008, 46, 5263-5277.	2.5	53
53	A multi-functional macrophage and tumor targeting gene delivery system for the regulation of macrophage polarity and reversal of cancer immunoresistance. Nanoscale, 2018, 10, 15578-15587.	2.8	51
54	Multifunctional Albumin-Based Delivery System Generated by Programmed Assembly for Tumor-Targeted Multimodal Therapy and Imaging. ACS Applied Materials & Interfaces, 2019, 11, 38385-38394.	4.0	51

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55	Temperatureâ€•and pHâ€Sensitive Multicolored Micellar Complexes. Advanced Materials, 2009, 21, 2402-2406.	11.1	50
56	A Dual-Targeting Delivery System for Effective Genome Editing and In Situ Detecting Related Protein Expression in Edited Cells. Biomacromolecules, 2018, 19, 2957-2968.	2.6	50
57	Self-assembled thermosensitive micelles based on poly(L-lactide-star block-N-isopropylacrylamide) for drug delivery. Journal of Biomedical Materials Research - Part A, 2007, 83A, 980-989.	2.1	48
58	A lowâ€toxic and efficient gene vector: Carboxymethyl dextranâ€graftâ€polyethylenimine. Journal of Biomedical Materials Research - Part A, 2008, 84A, 1102-1110.	2.1	48
59	A Dual Macrophage Targeting Nanovector for Delivery of Oligodeoxynucleotides To Overcome Cancer-Associated Immunosuppression. ACS Applied Materials & Interfaces, 2017, 9, 42566-42576.	4.0	48
60	Dendrimer/DNA complexes encapsulated in a water soluble polymer and supported on fast degrading star poly(dl-lactide) for localized gene delivery. Journal of Controlled Release, 2007, 124, 181-188.	4.8	47
61	Dual targeting of a thermosensitive nanogel conjugated with transferrin and RGD-containing peptide for effective cell uptake and drug release. Nanotechnology, 2009, 20, 335101.	1.3	47
62	Programmed Nanococktail for Intracellular Cascade Reaction Regulating Selfâ€Synergistic Tumor Targeting Therapy. Small, 2016, 12, 733-744.	5.2	47
63	Yolkâ€Shell Structured Nanoflowers Induced Intracellular Oxidative/Thermal Stress Damage for Cancer Treatment. Advanced Functional Materials, 2020, 30, 2006098.	7.8	46
64	Cyclodextrin-Responsive Micelles Based on Poly(ethylene glycol)â€“Polypeptide Hybrid Copolymers as Drug Carriers. ACS Macro Letters, 2013, 2, 201-205.	2.3	45
65	Fabrication of a novel pH-sensitive glutaraldehyde cross-linked pectin nanogel for drug delivery. Journal of Biomaterials Science, Polymer Edition, 2007, 18, 1591-1599.	1.9	43
66	Dual-vectors of anti-cancer drugs and genes based on pH-sensitive micelles self-assembled from hybrid polypeptide copolymers. Journal of Materials Chemistry, 2011, 21, 3100.	6.7	42
67	Hierarchical Microâ€/Nanostructures from Human Hair for Biomedical Applications. Advanced Materials, 2018, 30, e1800836.	11.1	42
68	Peptide decorated calcium phosphate/carboxymethyl chitosan hybrid nanoparticles with improved drug delivery efficiency. International Journal of Pharmaceutics, 2013, 446, 205-210.	2.6	40
69	A hybrid nanomaterial with NIR-induced heat and associated hydroxyl radical generation for synergistic tumor therapy. Biomaterials, 2019, 199, 1-9.	5.7	40
70	Gas-sorption properties of 6FDA-durene/1,4-phenylenediamine (pPDA) and 6FDA-durene/1,3-phenylenediamine (mPDA) copolyimides. Journal of Applied Polymer Science, 2003, 90, 2187-2193.	1.3	39
71	A Strategy Based on the Enzyme-Catalyzed Polymerization Reaction of Asp-Phe-Tyr Tripeptide for Cancer Immunotherapy. Journal of the American Chemical Society, 2021, 143, 5127-5140.	6.6	39
72	Novel cholic acid functionalized star oligo/poly(DL-lactide)s for biomedical applications. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 82B, 400-407.	1.6	37

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73	Synthesis and characterization of a biodegradable amphiphilic copolymer based on branched poly(Ïµâ€caprolactone) and poly(ethylene glycol). Journal of Polymer Science Part A, 2007, 45, 5256-5265.	2.5	37
74	Nanoparticle-Mediated Inhibition of Mitochondrial Glutaminolysis to Amplify Oxidative Stress for Combination Cancer Therapy. Nano Letters, 2021, 21, 7569-7578.	4.5	37
75	Bioactive Amphiphilic Peptide Derivatives with pH Triggered Morphology and Structure. Macromolecular Rapid Communications, 2008, 29, 1726-1731.	2.0	36
76	Study on Drug Release Behaviors of Poly-Î±,Î²-[N-(2-hydroxyethyl)-l-aspartamide]-g-poly(Îµ-caprolactone) Nano- and Microparticles. Biomacromolecules, 2006, 7, 2020-2026.	2.6	35
77	Dendrimer/DNA complexes encapsulated functional biodegradable polymer for substrateâ€mediated gene delivery. Journal of Gene Medicine, 2008, 10, 1334-1342.	1.4	34
78	Bioinspired Nano-Prodrug with Enhanced Tumor Targeting and Increased Therapeutic Efficiency. Small, 2015, 11, 5230-5242.	5.2	34
79	Tumor targeted genome editing mediated by a multi-functional gene vector for regulating cell behaviors. Journal of Controlled Release, 2018, 291, 90-98.	4.8	34
80	PEI grafted hyperbranched polymers with polyglycerol as a core for gene delivery. Colloids and Surfaces B: Biointerfaces, 2010, 76, 427-433.	2.5	33
81	Efficient non-viral gene delivery mediated by nanostructured calcium carbonate in solution-based transfection and solid-phase transfection. Molecular BioSystems, 2011, 7, 2841.	2.9	33
82	Modification of nanostructured calcium carbonate for efficient gene delivery. Colloids and Surfaces B: Biointerfaces, 2014, 118, 111-116.	2.5	33
83	Protamine sulfateâ€“calcium carbonateâ€“plasmid DNA ternary nanoparticles for efficient gene delivery. Molecular BioSystems, 2014, 10, 672.	2.9	33
84	Novel Biodegradable Aliphatic Polycarbonate Based on Ketal Protected Dihydroxyacetone. Macromolecular Rapid Communications, 2004, 25, 959-963.	2.0	32
85	Heparin-modified PEI encapsulated in thermosensitive hydrogels for efficient gene delivery and expression. Journal of Materials Chemistry, 2009, 19, 3189.	6.7	32
86	Self-assembled inorganic/organic hybrid nanoparticles with multi-functionalized surfaces for active targeting drug delivery. Journal of Materials Chemistry B, 2013, 1, 4243.	2.9	31
87	Modification of calcium carbonate based gene and drug delivery systems by a cell-penetrating peptide. Molecular BioSystems, 2012, 8, 3288.	2.9	30
88	Universal Porphyrinic Metalâ€“Organic Framework Coating to Various Nanostructures for Functional Integration. ACS Applied Materials & Interfaces, 2017, 9, 43143-43153.	4.0	29
89	Facile Strategy To Enhance Specificity and Sensitivity of Molecular Beacons by an Aptamer-Functionalized Delivery Vector. Analytical Chemistry, 2020, 92, 2088-2096.	3.2	29
90	Controllable gelation of artificial extracellular matrix for altering mass transport and improving cancer therapies. Nature Communications, 2020, 11, 4907.	5.8	29

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91	Nearâ€Infrared Triggered Cascade of Antitumor Immune Responses Based on the Integrated Coreâ€“Shell Nanoparticle. Advanced Functional Materials, 2020, 30, 2000335.	7.8	29
92	Co-delivery of multiple drug resistance inhibitors by polymer/inorganic hybrid nanoparticles to effectively reverse cancer drug resistance. Colloids and Surfaces B: Biointerfaces, 2017, 149, 250-259.	2.5	28
93	Multifunctional Vector for Delivery of Genome Editing Plasmid Targeting Î²-Catenin to Remodulate Cancer Cell Properties. ACS Applied Materials & Interfaces, 2019, 11, 226-237.	4.0	27
94	Functional polymer/inorganic hybrid nanoparticles for macrophage targeting delivery of oligodeoxynucleotides in cancer immunotherapy. Materials Today Chemistry, 2017, 4, 106-116.	1.7	26
95	Biotinylated carboxymethyl chitosan/CaCO3 hybrid nanoparticles for targeted drug delivery to overcome tumor drug resistance. RSC Advances, 2016, 6, 69083-69093.	1.7	25
96	Cholic acid functionalized star poly(DL-lactide) for promoting cell adhesion and proliferation. Journal of Tissue Engineering and Regenerative Medicine, 2007, 1, 368-376.	1.3	24
97	An RGB-emitting molecular cocktail for the detection of bacterial fingerprints. Chemical Science, 2020, 11, 4403-4409.	3.7	24
98	Synthesis and characterization of novel biodegradable amphiphilic graft polymers based on aliphatic polycarbonate. Journal of Polymer Science Part A, 2004, 42, 1356-1361.	2.5	21
99	Preparation, properties, and mathematical modeling of microparticle drug delivery systems based on biodegradable amphiphilic triblock copolymers. Journal of Applied Polymer Science, 2004, 92, 3869-3873.	1.3	21
100	Ringâ€opening copolymerization and properties of polycarbonate copolymers. Journal of Applied Polymer Science, 2008, 108, 93-98.	1.3	21
101	Self-defensive nano-assemblies from camptothecin-based antitumor drugs. International Journal of Energy Production and Management, 2015, 2, 159-166.	1.9	21
102	Synthesis and Characterization of Novel Biodegradable Copolymers of 5-Benzyloxy-1,3-dioxan-2-one and Glycolide. Macromolecular Rapid Communications, 2003, 24, 1066-1069.	2.0	19
103	Synthesis and enzymatic degradation of end-functionalized biodegradable polyesters. Colloid and Polymer Science, 2005, 283, 1091-1099.	1.0	19
104	Fabrication of novel temperature and pH sensitive poly (N-isopropylmaleamic acid-co-acrylonitrile) hydrogels. Colloid and Polymer Science, 2006, 285, 75-82.	1.0	19
105	Fabrication of microparticle protein delivery systems based on calcium alginate. Journal of Microencapsulation, 2010, 27, 171-177.	1.2	19
106	Dual-functionalized calcium carbonate based gene delivery system for efficient gene delivery. RSC Advances, 2014, 4, 38623-38629.	1.7	19
107	Reversal of tumor malignization and modulation of cell behaviors through genome editing mediated by a multi-functional nanovector. Nanoscale, 2018, 10, 21209-21218.	2.8	19
108	Synthesis and characterization of star oligo/poly(2,2-dimethyltrimethylene carbonate)s containing cholic acid moieties. Journal of Polymer Science Part A, 2006, 44, 6688-6696.	2.5	18

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109	Direct detection of intracellular miRNA in living circulating tumor cells by tumor targeting nanoprobe in peripheral blood. Biosensors and Bioelectronics, 2021, 190, 113401.	5.3	18
110	Novel Solvent-Free Methods for Fabrication of Nano- and Microsphere Drug Delivery Systems from Functional Biodegradable Polymers. Journal of Physical Chemistry C, 2007, 111, 12681-12685.	1.5	17
111	Synthesis and hydrolytic degradation of aliphatic polycarbonate based on dihydroxyacetone. Polymer Science - Series B, 2013, 55, 604-610.	0.3	17
112	Peptide and Aptamer Decorated Delivery System for Targeting Delivery of Cas9/sgRNA Plasmid To Mediate Antitumor Genome Editing. ACS Applied Materials & Interfaces, 2019, 11, 23870-23879.	4.0	17
113	Reduction-sensitive polypeptides incorporated with nuclear localization signal sequences for enhanced gene delivery. Journal of Materials Chemistry, 2012, 22, 13591.	6.7	16
114	A self-assembled albumin based multiple drug delivery nanosystem to overcome multidrug resistance. RSC Advances, 2015, 5, 6807-6814.	1.7	16
115	Tumor Targeting Synergistic Drug Delivery by Self-Assembled Hybrid Nanovesicles to Overcome Drug Resistance. Pharmaceutical Research, 2017, 34, 148-160.	1.7	16
116	Calcium phosphate/DNA coâ€precipitates encapsulated fastâ€degrading polymer films for substrateâ€mediated gene delivery. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 91B, 172-180.	1.6	15
117	Fusion peptide functionalized hybrid nanoparticles for synergistic drug delivery to reverse cancer drug resistance. Journal of Materials Chemistry B, 2017, 5, 4697-4704.	2.9	15
118	Targeting Delivery of Oligodeoxynucleotides to Macrophages by Mannosylated Cationic Albumin for Immune Stimulation in Cancer Treatment. Molecular Pharmaceutics, 2019, 16, 2616-2625.	2.3	14
119	Biomedical Materials: Engineered Bacterial Bioreactor for Tumor Therapy via Fentonâ€Like Reaction with Localized H₂O₂ Generation (Adv. Mater. 16/2019). Advanced Materials, 2019, 31, 1970119.	11.1	14
120	Fabrication of multifunctional shell cross-linked micelles for targeting drug release. Colloid and Polymer Science, 2011, 289, 667-675.	1.0	13
121	Multiâ€functional heparinâ€“biotin/heparin/calcium carbonate/calcium phosphate nanoparticles for targeted coâ€delivery of gene and drug. Polymer International, 2015, 64, 647-653.	1.6	13
122	Water Soluble Polymer Protected Lipofectamine 2000/DNA Complexes for Solidâ€Phase Transfection. Macromolecular Bioscience, 2009, 9, 1262-1271.	2.1	11
123	A targeting delivery system for effective genome editing in leukemia cells to reverse malignancy. Journal of Controlled Release, 2022, 343, 645-656.	4.8	11
124	Three-dimensional fast-degrading polymer films for delivery of calcium phosphate/DNA co-precipitates in solid-phase transfection. Journal of Materials Chemistry, 2009, 19, 6733.	6.7	9
125	Self-assembled complexes with dual-targeting properties for gene delivery. Journal of Materials Chemistry, 2011, 21, 4636.	6.7	8
126	Functional Tumor Targeting Nanoâ€Systems for Reprogramming Circulating Tumor Cells with In Situ Evaluation on Therapeutic Efficiency at the Singleâ€Cell Level. Advanced Science, 2022, 9, .	5.6	8

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127	Enhanced gene transfection with addition of a cellâ€penetrating peptide in substrateâ€mediated gene delivery. Journal of Gene Medicine, 2010, 12, 705-713.	1.4	7
128	Gene expression mediated by dendrimer/DNA complexes encapsulated in biodegradable polymer microspheres. Journal of Microencapsulation, 2010, 27, 345-354.	1.2	6
129	Syntheses and properties of novel copolymers of polycaprolactone and aliphatic polycarbonate based on ketal-protected dihydroxyacetone. Polymer Bulletin, 2014, 71, 47-56.	1.7	6
130	Synthesis and characterization of poly-Î±,Î²-[N-(2-hydroxyethyl)-L-aspartamide]-g-poly(glycolide) amphiphilic graft copolymers as potential drug carriers. Colloid and Polymer Science, 2006, 284, 834-842.	1.0	4
131	Syntheses and Properties of Novel Copolymers of Polylactide and Aliphatic Polycarbonate Based on Ketal-Protected Dihydroxyacetone. Polymer-Plastics Technology and Engineering, 2013, 52, 1063-1067.	1.9	4
132	Tumor Targeting: Programmed Nanococktail for Intracellular Cascade Reaction Regulating Selfâ€Synergistic Tumor Targeting Therapy (Small 6/2016). Small, 2016, 12, 828-828.	5.2	4
133	In Situ Detection of Nanotoxicity in Living Cells Based on Multiple miRNAs Probed by a Peptide Functionalized Nanoprobe. Analytical Chemistry, 2022, 94, 2399-2407.	3.2	4
134	Molecular design of liquid crystalline poly(ester-amide)s with perfluoroalkyl spacers. Liquid Crystals, 2004, 31, 871-881.	0.9	3
135	Fabrication and drug release properties of poly(5-benzyloxy-trimethylene-co-glycolide) microspheres. Journal of Applied Polymer Science, 2010, 115, 3451-3455.	1.3	3
136	Synthesis and characterization of poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (glycol)â€bâ€poly(Îµâ€caprolactor copolymers as efficient gene delivery vectorsÂ. Journal of Applied Polymer Science, 2011, 121, 666-674.	1.3	3
137	Syntheses and Properties of Novel Copolymers of Poly(1,4â€dioxaneâ€2â€one) and Aliphatic Polycarbonate Based on Ketalâ€Protected Dihydroxyacetone. Macromolecular Chemistry and Physics, 2013, 214, 458-463.	1.1	3
138	Self-Assembled Plasmid Delivery System for PPM1D Knockout to Reverse Tumor Malignancy. ACS Applied Bio Materials, 2020, 3, 7831-7839.	2.3	3
139	Codelivery of HBx-siRNA and Plasmid Encoding IL-12 for Inhibition of Hepatitis B Virus and Reactivation of Antiviral Immunity. Pharmaceutics, 2022, 14, 1439.	2.0	3
140	Thin-film polymerization and characterization of Sumitomo's SumikasuperÂ®-type liquid crystalline polymers. Liquid Crystals, 2003, 30, 753-764.	0.9	2
141	An Albumin-Based Therapeutic Nanosystem for Photosensitizer/Protein Co-Delivery to Realize Synergistic Cancer Therapy. ACS Applied Bio Materials, 2021, 4, 4946-4952.	2.3	2
142	Investigation of the Effect of an Ether Moiety on the Liquid Crystallinity by Thin Film Polymerization. Macromolecular Chemistry and Physics, 2002, 203, 122-128.	1.1	1