

Li Fang Wang

List of Publications by Year in descending order

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3237
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-Infrared Light-Triggered Drug Release from Ultraviolet- and Redox-Responsive Polymersome Encapsulated with Core-Shell Upconversion Nanoparticles for Cancer Therapy. ACS Applied Bio Materials, 2021, 4, 3264-3275.	2.3	29
2	Arginine-tocopherol bioconjugated lipid vesicles for selective pTRAIL delivery and subsequent apoptosis induction in glioblastoma cells. Materials Science and Engineering C, 2021, 126, 112189.	3.8	13
3	Gemini Lipopeptide Bearing an Ultrashort Peptide for Enhanced Transfection Efficiency and Cancer-Cell-Specific Cytotoxicity. ACS Omega, 2021, 6, 22955-22968.	1.6	12
4	Dual Stimuli-Responsive Block Copolymers with Adjacent Redox- and Photo-Cleavable Linkages for Smart Drug Delivery. Biomacromolecules, 2020, 21, 3342-3352.	2.6	17
5	Multi-Stimuli-Responsive DOX Released from Magnetosome for Tumor Synergistic Theranostics. International Journal of Nanomedicine, 2020, Volume 15, 8623-8639.	3.3	11
6	CS-PEI/Beclin-siRNA Downregulate Multidrug Resistance Proteins and Increase Paclitaxel Therapeutic Efficacy against NSCLC. Molecular Therapy - Nucleic Acids, 2019, 17, 477-490.	2.3	25
7	Microscale RNA Interference using Iron Oxide Nanoparticle-modified Lentivirus. ChemNanoMat, 2018, 4, 98-102.	1.5	5
8	Tuning the Distance of Rattle-Shaped IONP@Shell-in-Shell Nanoparticles for Magnetically-Targeted Photothermal Therapy in the Second Near-Infrared Window. ACS Applied Materials & Interfaces, 2018, 10, 1508-1519.	4.0	40
9	Improvement in Aluminum Complexes Bearing Schiff Bases in Ring-Opening Polymerization of ϵ -Caprolactone: A Five-Membered-Ring System. Organometallics, 2017, 36, 1936-1945.	1.1	36
10	Length effect of methoxy poly(ethylene oxide)-b-[poly(ϵ -caprolactone)-g-poly(methacrylic acid)] copolymers on cisplatin delivery. Colloids and Surfaces B: Biointerfaces, 2017, 156, 243-253.	2.5	4
11	Investigation of the self-assembly of CS and PCL copolymers with different molecular weights in water solution by coarse-grained molecular dynamics simulation. Journal of Molecular Modeling, 2017, 23, 151.	0.8	8
12	Investigation of the dinuclear effect of aluminum complexes in the ring-opening polymerization of ϵ -caprolactone. RSC Advances, 2017, 7, 18851-18860.	1.7	15
13	Enhanced Catalytic Activity of Aluminum Complexes for the Ring-Opening Polymerization of ϵ -Caprolactone. Inorganic Chemistry, 2017, 56, 7998-8006.	1.9	19
14	Knockout of ho-1 protects the striatum from ferrous iron-induced injury in a male-specific manner in mice. Scientific Reports, 2016, 6, 26358.	1.6	21
15	The synthesis and comparison of chondroitin sulfate-modified PDMAEMA with chondroitin sulfate-modified PEI as a potential gene delivery vector. RSC Advances, 2016, 6, 38209-38222.	1.7	3
16	The synthesis and comparison of poly(methacrylic acid)- <i>b</i> -poly(ϵ -caprolactone) block copolymers with and without symmetrical disulfide linkages in the center for enhanced cellular uptake. RSC Advances, 2016, 6, 75092-75103.	1.7	8
17	Distinct CPT-induced deaths in lung cancer cells caused by clathrin-mediated internalization of CP micelles. Nanoscale, 2016, 8, 3510-3522.	2.8	15
18	Imaging and Chemotherapeutic Comparisons of Iron Oxide Nanoparticles Chemically and Physically Coated with Poly(ethylene Terephthalate) Glycol- <i>b</i> -Poly(ϵ -caprolactone). Journal of Biomedical Nanotechnology, 2015, 11, 951-963.	0.5	11

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19	Folic Acid Linked Chondroitin Sulfate-Polyethyleneimine Copolymer Based Gene Delivery System. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1385-1400.	0.5	18
20	Male-Specific Alleviation of Iron-Induced Striatal Injury by Inhibition of Autophagy. <i>PLoS ONE</i> , 2015, 10, e0131224.	1.1	17
21	Chondroitin sulfate-polyethylenimine copolymer-coated superparamagnetic iron oxide nanoparticles as an efficient magneto-gene carrier for microRNA-encoding plasmid DNA delivery. <i>Nanoscale</i> , 2015, 7, 8554-8565.	2.8	58
22	Glial cell line-derived neurotrophic factor gene delivery via a polyethylene imine grafted chitosan carrier. <i>International Journal of Nanomedicine</i> , 2014, 9, 3163.	3.3	18
23	Folate-mediated and doxorubicin-conjugated poly(ϵ -caprolactone)-g-chondroitin sulfate copolymers for enhanced intracellular drug delivery. <i>RSC Advances</i> , 2014, 4, 59548-59557.	1.7	9
24	Effective and site-specific phosphoramidation reaction for universally labeling nucleic acids. <i>Analytical Biochemistry</i> , 2014, 449, 118-128.	1.1	6
25	Angiopep-pluronic F127-conjugated superparamagnetic iron oxide nanoparticles as nanotheranostic agents for BBB targeting. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5666.	2.9	20
26	Synthesis and characterization of S-PCL-PDMAEMA for co-delivery of pDNA and DOX. <i>RSC Advances</i> , 2014, 4, 11089-11098.	1.7	21
27	Synthesis and characterization of pluronic-block-poly(N,N-dimethylamino-2-ethyl methacrylate) pentablock copolymers for drug/gene co-delivery systems. <i>RSC Advances</i> , 2014, 4, 31552.	1.7	11
28	Preparation of Chondroitin Sulfate-g-poly(ϵ -caprolactone) Copolymers as a CD44-Targeted Vehicle for Enhanced Intracellular Uptake. <i>Molecular Pharmaceutics</i> , 2014, 11, 1164-1175.	2.3	40
29	Azide-alkyne cycloaddition for universal post-synthetic modifications of nucleic acids and effective synthesis of bioactive nucleic acid conjugates. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6624-6633.	1.5	14
30	Retinol-encapsulated water-soluble succinated chitosan nanoparticles for antioxidant applications. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013, 24, 315-329.	1.9	14
31	One-pot synthesis of PDMAEMA-bound iron oxide nanoparticles for magnetofection. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5916.	2.9	29
32	Chemically Conjugating Polyethylenimine with Chondroitin Sulfate to Promote CD44-Mediated Endocytosis for Gene Delivery. <i>Molecular Pharmaceutics</i> , 2013, 10, 664-676.	2.3	62
33	The Copolymer of Poly(2-dimethylaminoethyl methacrylate) and Methacrylated Chondroitin Sulfate with Low Cytotoxicity for Gene Delivery. <i>Advanced Healthcare Materials</i> , 2013, 2, 1458-1468.	3.9	13
34	Pentablock copolymers of pluronic F127 and modified poly(2-dimethyl amino)ethyl methacrylate for internalization mechanism and gene transfection studies. <i>International Journal of Nanomedicine</i> , 2013, 8, 2011.	3.3	13
35	Chondroitin Sulfate-g-Poly(ϵ -Caprolactone) Co-Polymer Aggregates as Potential Targeting Drug Carriers. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 1821-1842.	1.9	4
36	Self-assembled poly(ϵ -caprolactone)-g-chondroitin sulfate copolymers as an intracellular doxorubicin delivery carrier against lung cancer cells. <i>International Journal of Nanomedicine</i> , 2012, 7, 4169.	3.3	22

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37	Sample stacking by field-amplified sample injection and sweeping for simultaneous analysis of acidic and basic components in clinic application. <i>Electrophoresis</i> , 2012, 33, 1571-1581.	1.3	18
38	Hybrid Polyethylenimine and Polyacrylic Acid-Bound Iron Oxide as a Magnetoplex for Gene Delivery. <i>Langmuir</i> , 2012, 28, 3542-3552.	1.6	38
39	Antitumor Efficacy of Doxorubicin Released from Crosslinked Nanoparticulate Chondroitin Sulfate/Chitosan Polyelectrolyte Complexes. <i>Macromolecular Bioscience</i> , 2011, 11, 680-688.	2.1	42
40	Succinated chitosan as a gene carrier for improved chitosan solubility and gene transfection. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 174-183.	1.7	45
41	Design of Magnetic Nanoparticles-Assisted Drug Delivery System. <i>Current Pharmaceutical Design</i> , 2011, 17, 2331-2351.	0.9	23
42	Anticancer Activity of Released Doxorubicin from a Folate-Mediated Polyelectrolyte Complex. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011, 22, 1487-1507.	1.9	7
43	Synthesis and properties of a naproxen polymeric prodrug. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 54, 1129-1135.	1.2	8
44	A specific tumor-targeting magnetofluorescent nanoprobe for dual-modality molecular imaging. <i>Biomaterials</i> , 2010, 31, 1707-1715.	5.7	60
45	Folate-mediated chondroitin sulfate-Pluronic® 127 nanogels as a drug carrier. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 38, 64-73.	1.9	70
46	Poly(ethylene imine)-chitosan using EX810 as a spacer for nonviral gene delivery vectors. <i>Journal of Biomedical Materials Research - Part A</i> , 2009, 88A, 1058-1068.	2.1	40
47	Folic acid-Pluronic F127 magnetic nanoparticle clusters for combined targeting, diagnosis, and therapy applications. <i>Biomaterials</i> , 2009, 30, 5114-5124.	5.7	241
48	Characterization of hydrogels prepared from copolymerization of the different degrees of methacrylate-grafted chondroitin sulfate macromers and acrylic acid. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 727-739.	2.1	10
49	Biodegradable Amphiphilic Copolymers Based on Poly(ε-caprolactone)-Graft Chondroitin Sulfate as Drug Carriers. <i>Biomacromolecules</i> , 2008, 9, 2447-2457.	2.6	34
50	Controlled immobilization of chondroitin sulfate in polyacrylic acid networks. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 17-34.	1.9	9
51	Characterization of chondroitin sulfate and its interpenetrating polymer network hydrogels for sustained-drug release. <i>International Journal of Pharmaceutics</i> , 2007, 329, 103-109.	2.6	35
52	Diacid architecture effect on the synthesis and microstructure of rigid-rod poly(benzobisthiazole)s. <i>Polymer International</i> , 2006, 55, 1450-1455.	1.6	7
53	Investigation of silica additive for high-rate sealed lead-acid cells. <i>Electrochimica Acta</i> , 2006, 51, 4135-4141.	2.6	8
54	Rotating ring-disk electrode measurements on Mn dissolution and capacity losses of spinel electrodes in various organic electrolytes. <i>Journal of Power Sources</i> , 2006, 157, 515-521.	4.0	28

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55	Chondroitin sulfate-based anti-inflammatory macromolecular prodrugs. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 29, 60-69.	1.9	24
56	Rotating ring-disc electrode measurements of manganese dissolution and capacity loss of $\text{Li}_{1+x}\text{Mn}_2\text{O}_4$ and $\text{Li}_{1+x}\text{Al}_y\text{Mn}_2\text{O}_4$ spinel electrodes for lithium-ion batteries. <i>Journal of Power Sources</i> , 2005, 150, 1-10.	4.0	10
57	Characterization of polyelectrolyte complexes between chondroitin sulfate and chitosan in the solid state. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 75A, 128-137.	2.1	47
58	Oral sustained delivery of diclofenac sodium using calcium chondroitin sulfate matrix. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2005, 16, 1319-1331.	1.9	16
59	Synthesis and characterization of chondroitin sulfate-methacrylate hydrogels. <i>Carbohydrate Polymers</i> , 2003, 52, 389-396.	5.1	95
60	Effects of the preparation methods of hydroxypropyl methylcellulose/polyacrylic acid blended films on drug release. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2003, 14, 27-44.	1.9	17
61	Study of Mn Dissolution from LiMn_2O_4 Spinel Electrodes Using Rotating Ring-Disk Collection Experiments. <i>Journal of the Electrochemical Society</i> , 2003, 150, A905.	1.3	98
62	Kinetics and hydrolysis mechanism of polymeric prodrugs containing ibuprofen, ketoprofen, and naproxen as pendent agents. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2002, 13, 287-299.	1.9	12
63	Insolubilization of sodium chondroitin sulfate by forming a semi-interpenetrating polymer network with acrylic acid: A potential carrier for colon-specific drug delivery. <i>Journal of Applied Polymer Science</i> , 2002, 85, 114-122.	1.3	15
64	Title is missing!. <i>Journal of Materials Science</i> , 2002, 37, 4109-4115.	1.7	11
65	pH Sensitive Polymeric Prodrugs Containing Ibuprofen, Ketoprofen and Naproxen as Pendent Groups. <i>Journal of Bioactive and Compatible Polymers</i> , 1999, 14, 415-428.	0.8	7
66	Mutagenicity and aromatic amine content of fumes from heated cooking oils produced in Taiwan. <i>Food and Chemical Toxicology</i> , 1999, 37, 125-134.	1.8	95
67	Traumatic ossicular chain discontinuity--report of two cases. <i>Kaohsiung Journal of Medical Sciences</i> , 1999, 15, 504-9.	0.8	3
68	Nitro-polycyclic aromatic hydrocarbon contents of fumes from heated cooking oils and prevention of mutagenicity by catechin. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1998, 403, 29-34.	0.4	41
69	Synthesis and properties of copolymers from 2-hydroxyethyl methacrylate-linked nonsteroidal antiinflammatory agents with methacrylic acid. <i>Journal of Polymer Science Part A</i> , 1998, 36, 1481-1490.	2.5	34
70	A new and novel amide bond cleavage of N-methoxymethylpyrrolo[2,1-c][1,4]benzodiazepine-5,11-diones by hydride reduction via 3-aza-Grob fragmentation. <i>Tetrahedron</i> , 1998, 54, 13149-13154.	1.0	9
71	Synthesis and Characterization of Methacrylic Derivatives as Drug Carriers. <i>Drug Development and Industrial Pharmacy</i> , 1997, 23, 671-678.	0.9	1
72	Mutagenicity and polycyclic aromatic hydrocarbon content of fumes from heated cooking oils produced in Taiwan. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 381, 157-161.	0.4	105

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73	Synthesis and characterization of segmented polyurethanes containing aromatic diol chain extenders. <i>Journal of Applied Polymer Science</i> , 1997, 64, 539-546.	1.3	10