

Lesan Yan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

1,730
citations

23
h-index

40
g-index

61
ext. papers

2,039
ext. citations

8.6
avg, IF

4.66
L-index

#	Paper	IF	Citations
57	3D Printed Personalized Nerve Guide Conduits for Precision Repair of Peripheral Nerve Defects.. <i>Advanced Science</i> , 2022 , e2103875	13.6	9
56	Rapid, site-specific labeling of "off-the-shelf" and native serum autoantibodies with T cell-redirecting domains.. <i>Science Advances</i> , 2022 , 8, eabn4613	14.3	0
55	Oriented nanofibrous P(MMD-co-LA)/Deferoxamine nerve scaffold facilitates peripheral nerve regeneration by regulating macrophage phenotype and revascularization. <i>Biomaterials</i> , 2021 , 280, 121288	15.6	3
54	Phospholipase A inhibitor-loaded micellar nanoparticles attenuate inflammation and mitigate osteoarthritis progression. <i>Science Advances</i> , 2021 , 7,	14.3	8
53	Targeting cartilage EGFR pathway for osteoarthritis treatment. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	15
52	Phospholipase A Inhibitor-Loaded Phospholipid Micelles Abolish Neuropathic Pain. <i>ACS Nano</i> , 2020 , 14, 8103-8115	16.7	6
51	Indocyanine Green-Coated Polycaprolactone Micelles for Fluorescence Imaging of Tumors. <i>ACS Applied Bio Materials</i> , 2020 , 3, 2344-2349	4.1	5
50	Use of Oppositely Polarized External Magnets To Improve the Accumulation and Penetration of Magnetic Nanocarriers into Solid Tumors. <i>ACS Nano</i> , 2020 , 14, 142-152	16.7	32
49	Enhanced proliferation and differentiation of neural stem cells by peptide-containing temperature-sensitive hydrogel scaffold. <i>Materials Science and Engineering C</i> , 2020 , 116, 111258	8.3	5
48	Polymer scaffolds facilitate spinal cord injury repair. <i>Acta Biomaterialia</i> , 2019 , 88, 57-77	10.8	62
47	Chlorin e6-Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Nanoclusters as a Theranostic Agent for Dual-Mode Imaging and Photodynamic Therapy. <i>Scientific Reports</i> , 2019 , 9, 2613	4.9	46
46	Dextran-Benzoporphyrin Derivative (BPD) Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Micelles for T-Weighted Magnetic Resonance Imaging and Photodynamic Therapy. <i>Bioconjugate Chemistry</i> , 2019 , 30, 2974-2981	6.3	21
45	On-Demand Prolongation of Peripheral Nerve Blockade through Bupivacaine-Loaded Hydrogels with Suitable Residence Periods. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 696-709	5.5	13
44	Protoporphyrin IX (PpIX)-Coated Superparamagnetic Iron Oxide Nanoparticle (SPION) Nanoclusters for Magnetic Resonance Imaging and Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1707030	15.6	62
43	The Development of a Nano-based Approach to Alleviate Cisplatin-Induced Ototoxicity. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2018 , 19, 123-132	3.3	3
42	A Versatile Method to Prepare Protein Nanoclusters for Drug Delivery. <i>Macromolecular Bioscience</i> , 2018 , 18, 1700282	5.5	11
41	Recent progress in polymer-based platinum drug delivery systems. <i>Progress in Polymer Science</i> , 2018 , 87, 70-106	29.6	96

40	Site-Specific Labeling of Cyanine and Porphyrin Dye-Stabilized Nanoemulsions with Affibodies for Cellular Targeting. <i>Journal of the American Chemical Society</i> , 2018 , 140, 13550-13553	16.4	10
39	Improved Photodynamic Therapy Efficacy of Protoporphyrin IX-Loaded Polymeric Micelles Using Erlotinib Pretreatment. <i>Biomacromolecules</i> , 2017 , 18, 1836-1844	6.9	32
38	HIPE Polymerization Materials Functionalized with Iodic-BODIPY on the Surface as Porous Heterogeneous Visible-Light Photocatalysts. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 392-396	4.5	7
37	Positively charged polypeptide nanogel enhances mucoadhesion and penetrability of 10-hydroxycamptothecin in orthotopic bladder carcinoma. <i>Journal of Controlled Release</i> , 2017 , 259, 136-148	11.7	68
36	Superoxide Dismutase-Loaded Porous Polymersomes as Highly Efficient Antioxidants for Treating Neuropathic Pain. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1700500	10.1	32
35	Photoacoustic-Guided Surgery with Indocyanine Green-Coated Superparamagnetic Iron Oxide Nanoparticle Clusters. <i>Small</i> , 2017 , 13, 1701300	11	43
34	Poly(lactic acid) Controlled Drug Delivery. <i>Advances in Polymer Science</i> , 2017 , 109-138	1.3	13
33	Intracellularly Swollen Polypeptide Nanogel Assists Hepatoma Chemotherapy. <i>Theranostics</i> , 2017 , 7, 703-716	12.1	41
32	Bright and Stable Near-Infrared Pluronic-Silica Nanoparticles as a Contrast Agent for Optical Imaging. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5560-5566	7.3	21
31	Turning Ineffective Transplatin into a Highly Potent Anticancer Drug via a Prodrug Strategy for Drug Delivery and Inhibiting Cisplatin Drug Resistance. <i>Bioconjugate Chemistry</i> , 2016 , 27, 1802-6	6.3	23
30	Self-Targeted Polysaccharide Prodrug Suppresses Orthotopic Hepatoma. <i>Molecular Pharmaceutics</i> , 2016 , 13, 4231-4235	5.6	21
29	Sensitizing nanoparticle based platinum(IV) drugs by curcumin for better chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 145, 812-819	6	12
28	Polymer nanoparticle delivery of dichloroacetate and DACH-Pt to enhance antitumor efficacy and lower systemic toxicity. <i>Biomaterials Science</i> , 2016 , 4, 661-9	7.4	11
27	Nanoparticle delivery of sterically hindered platinum(IV) prodrugs shows 100 times higher potency than that of cisplatin upon light activation. <i>Chemical Communications</i> , 2016 , 52, 2281-3	5.8	17
26	Biodegradable Stimuli-Responsive Polymeric Micelles for Treatment of Malignancy. <i>Current Pharmaceutical Biotechnology</i> , 2016 , 17, 227-36	2.6	25
25	PLA2-responsive and SPIO-loaded phospholipid micelles. <i>Chemical Communications</i> , 2015 , 51, 12313-5	5.8	9
24	A simple method for the synthesis of porous polymeric vesicles and their application as MR contrast agents. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 9277-9284	7.3	15
23	Protein-Resistant Biodegradable Amphiphilic Graft Copolymer Vesicles as Protein Carriers. <i>Macromolecular Bioscience</i> , 2015 , 15, 1304-13	5.5	10

22	A pH-Responsive Drug-Delivery Platform Based on Glycol Chitosan-Coated Liposomes. <i>Small</i> , 2015 , 11, 4870-4	11	89
21	Delivering a photosensitive transplatin prodrug to overcome cisplatin drug resistance. <i>Chemical Communications</i> , 2015 , 51, 11493-5	5.8	40
20	Advances in drug delivery system for platinum agents based combination therapy. <i>Cancer Biology and Medicine</i> , 2015 , 12, 362-74	5.2	29
19	Lactose targeting oxaliplatin prodrug loaded micelles for more effective chemotherapy of hepatocellular carcinoma. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 2097-2106	7.3	19
18	A biodegradable polymer platform for co-delivery of clinically relevant oxaliplatin and gemcitabine. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6560-6570	7.3	17
17	Application of microwave-assisted click chemistry in the preparation of functionalized copolymers for drug conjugation. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 3365-3373	2.9	19
16	A reduction-sensitive carrier system using mesoporous silica nanospheres with biodegradable polyester as caps. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 14210-8	3.6	21
15	Regulation of conjugated hemoglobin on micelles through copolymer chain sequences and the protein's isoelectric aggregation. <i>Macromolecular Bioscience</i> , 2013 , 13, 893-902	5.5	23
14	A prodrug strategy to deliver cisplatin(IV) and paclitaxel in nanomicelles to improve efficacy and tolerance. <i>Biomaterials</i> , 2012 , 33, 6507-19	15.6	156
13	Biodegradable copolymers with identical cationic segments and their performance in siRNA delivery. <i>Journal of Controlled Release</i> , 2012 , 159, 251-60	11.7	76
12	Reduction-sensitive core-cross-linked mPEG-poly(ester-carbonate) micelles for glutathione-triggered intracellular drug release. <i>Polymer Chemistry</i> , 2012 , 3, 2403	4.9	63
11	A dual-targeting hybrid platinum(IV) prodrug for enhancing efficacy. <i>Chemical Communications</i> , 2012 , 48, 10730-2	5.8	61
10	Co-delivery of daunomycin and oxaliplatin by biodegradable polymers for safer and more efficacious combination therapy. <i>Journal of Controlled Release</i> , 2012 , 163, 304-14	11.7	101
9	Photo-cross-linked mPEG-poly(ϵ -cinnamyl-L-glutamate) micelles as stable drug carriers. <i>Polymer Chemistry</i> , 2012 , 3, 1300	4.9	51
8	Guanidinated amphiphilic cationic copolymer with enhanced gene delivery efficiency. <i>Journal of Materials Chemistry</i> , 2012 , 22, 18915		17
7	Porous heterogeneous organic photocatalyst prepared by HIPE polymerization for oxidation of sulfides under visible light. <i>Journal of Materials Chemistry</i> , 2012 , 22, 17445		57
6	Synthesis of OH-group-containing, biodegradable polyurethane and protein fixation on its surface. <i>Biomacromolecules</i> , 2011 , 12, 2032-8	6.9	22
5	Synthesis of biodegradable cationic triblock copolymer mPEG-PCL-PLL for siRNA delivery. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e167-8	11.7	13

4	pH and dual redox responsive nanogel based on poly(l-glutamic acid) as potential intracellular drug carrier. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e11-3	11.7	31
3	Versatile synthesis of functional biodegradable polymers by ring-opening polymerization and microwave-assisted click reaction. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e249-50	11.7	4
2	Non-specific and specific interactions on functionalized polymer surface studied by FT-SPR. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 83, 220-8	6	9
1	Application of the biodegradable diblock copolymer poly(L-lactide)-block-poly(L-cysteine): Drug delivery and protein conjugation. <i>Journal of Applied Polymer Science</i> , 2010 , 118, n/a-n/a	2.9	1