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List of Publications by Year
in descending order

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47 papers	3,209 citations	159525 30 h-index	206029 48 g-index
49 all docs	49 docs citations	49 times ranked	4407 citing authors

#	Article	IF	Citations
1	Co-delivery of doxorubicin and paclitaxel by PEG-polypeptide nanovehicle for the treatment of non-small cell lung cancer. Biomaterials, 2014, 35, 6118-6129.	5.7	304
2	Synthetic polypeptides: from polymer design to supramolecular assembly and biomedical application. Chemical Society Reviews, 2017, 46, 6570-6599.	18.7	290
3	Cisplatin crosslinked pH-sensitive nanoparticles for efficient delivery of doxorubicin. Biomaterials, 2014, 35, 3851-3864.	5.7	244
4	High Drug Loading and Sub-Quantitative Loading Efficiency of Polymeric Micelles Driven by Donorâ€“Receptor Coordination Interactions. Journal of the American Chemical Society, 2018, 140, 1235-1238.	6.6	236
5	Nanoscaled Poly(<scp>l</scp>-glutamic acid)/Doxorubicin-Amphiphile Complex as pH-responsive Drug Delivery System for Effective Treatment of Nonsmall Cell Lung Cancer. ACS Applied Materials & Interfaces, 2013, 5, 1781-1792.	4.0	190
6	Doxorubicin-loaded amphiphilic polypeptide-based nanoparticles as an efficient drug delivery system for cancer therapy. Acta Biomaterialia, 2013, 9, 9330-9342.	4.1	180
7	Well-defined polymer-drug conjugate engineered with redox and pH-sensitive release mechanism for efficient delivery of paclitaxel. Journal of Controlled Release, 2014, 194, 220-227.	4.8	169
8	Rationally Designed Polymer Conjugate for Tumor-Specific Amplification of Oxidative Stress and Boosting Antitumor Immunity. Nano Letters, 2020, 20, 2514-2521.	4.5	140
9	Anti-tumor efficacy of c(RGDfK)-decorated polypeptide-based micelles co-loaded with docetaxel and cisplatin. Biomaterials, 2014, 35, 3005-3014.	5.7	126
10	Polypeptide-based combination of paclitaxel and cisplatin for enhanced chemotherapy efficacy and reduced side-effects. Acta Biomaterialia, 2014, 10, 1392-1402.	4.1	113
11	Targeted delivery of cisplatin by LHRH-peptide conjugated dextran nanoparticles suppresses breast cancer growth and metastasis. Acta Biomaterialia, 2015, 18, 132-143.	4.1	96
12	Neutralizing tumor-promoting inflammation with polypeptide-dexamethasone conjugate for microenvironment modulation and colorectal cancer therapy. Biomaterials, 2020, 232, 119676.	5.7	62
13	Applications of Nanobiomaterials in the Therapy and Imaging of Acute Liver Failure. Nano-Micro Letters, 2021, 13, 25.	14.4	62
14	Charge-Conversional PEG-Polypeptide Polyionic Complex Nanoparticles from Simple Blending of a Pair of Oppositely Charged Block Copolymers as an Intelligent Vehicle for Efficient Antitumor Drug Delivery. Molecular Pharmaceutics, 2014, 11, 1562-1574.	2.3	55
15	Design of Polymeric Carriers for Intracellular Peptide Delivery in Oncology Applications. Chemical Reviews, 2021, 121, 11653-11698.	23.0	51
16	Nanotheranostics for the Management of Hepatic Ischemiaâ€Reperfusion Injury. Small, 2021, 17, e2007727.	5.2	51
17	Tunable pHâ€Sensitive Poly(Î²â€amino ester)s Synthesized from Primary Amines and Diacrylates for Intracellular Drug Delivery. Macromolecular Bioscience, 2012, 12, 1375-1383.	2.1	50
18	Unimolecular Polypeptide Micelles via Ultrafast Polymerization of N-Carboxyanhydrides. Journal of the American Chemical Society, 2020, 142, 8570-8574.	6.6	49

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19	Inhibiting Solid Tumor Growth In Vivo by Nonâ€Tumorâ€Penetrating Nanomedicine. Small, 2017, 13, 1600954.	5.2	41
20	Photodynamic therapy-triggered on-demand drug release from ROS-responsive core-cross-linked micelles toward synergistic anti-cancer treatment. Nano Research, 2019, 12, 999-1008.	5.8	41
21	A polypeptide based podophyllotoxin conjugate for the treatment of multi drug resistant breast cancer with enhanced efficiency and minimal toxicity. Acta Biomaterialia, 2018, 73, 388-399.	4.1	40
22	LHRH-peptide conjugated dextran nanoparticles for targeted delivery of cisplatin to breast cancer. Journal of Materials Chemistry B, 2014, 2, 3490.	2.9	39
23	Co-delivery of dual chemo-drugs with precisely controlled, high drug loading polymeric micelles for synergistic anti-cancer therapy. Biomaterials Science, 2020, 8, 949-959.	2.6	39
24	A co-delivery system based on paclitaxel grafted mPEG-b-PLG loaded with doxorubicin: Preparation, in vitro and in vivo evaluation. International Journal of Pharmaceutics, 2014, 471, 412-420.	2.6	38
25	Polypeptide/Doxorubicin Hydrochloride Polymersomes Prepared Through Organic Solvent-free Technique as a Smart Drug Delivery Platform. Macromolecular Bioscience, 2013, 13, 1150-1162.	2.1	37
26	Engineering the Aromaticity of Cationic Helical Polypeptides toward â€œSelf-Activatedâ€•DNA/siRNA Delivery. ACS Applied Materials & Interfaces, 2017, 9, 23586-23601.	4.0	37
27	Cisplatin Loaded Methoxy Poly (ethylene glycol)-block -Poly (<scp>L</scp> -glutamic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Macromolecular Bioscience, 2014, 14, 1337-1345.	2.1	34
28	Methoxy poly (ethylene glycol)-block-poly (glutamic acid)-graft-6-(2-nitroimidazole) hexyl amine nanoparticles for potential hypoxia-responsive delivery of doxorubicin. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 40-54.	1.9	34
29	Synergistic Antitumor Effects of Doxorubicinâ€Loaded Carboxymethyl Cellulose Nanoparticle in Combination with Endostar for Effective Treatment of Nonâ€Smallâ€Cell Lung Cancer. Advanced Healthcare Materials, 2014, 3, 1877-1888.	3.9	33
30	A charge-conversional intracellular-activated polymeric prodrug for tumor therapy. Polymer Chemistry, 2016, 7, 2253-2263.	1.9	32
31	Engineering Nanoâ€Therapeutics to Boost Adoptive Cell Therapy for Cancer Treatment. Small Methods, 2021, 5, e2001191.	4.6	31
32	Development of D-melittin polymeric nanoparticles for anti-cancer treatment. Biomaterials, 2021, 277, 121076.	5.7	28
33	Photodynamic therapy-mediated remote control of chemotherapy toward synergistic anticancer treatment. Nanoscale, 2018, 10, 14554-14562.	2.8	26
34	Facile Synthesis of Helical Multiblock Copolypeptides: Minimal Side Reactions with Accelerated Polymerization of N-Carboxyanhydrides. ACS Macro Letters, 2019, 8, 1517-1521.	2.3	25
35	Solid Tumor Therapy Using a Cannon and Pawn Combination Strategy. Theranostics, 2016, 6, 1023-1030.	4.6	24
36	Wellâ€Defined Mannosylated Polymer for Peptide Vaccine Delivery with Enhanced Antitumor Immunity. Advanced Healthcare Materials, 2022, 11, e2101651.	3.9	24

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37	Legumain-cleavable 4-arm poly(ethylene glycol)-doxorubicin conjugate for tumor specific delivery and release. Acta Biomaterialia, 2017, 54, 227-238.	4.1	21
38	Nanoparticles exhibit greater accumulation in kidney glomeruli during experimental glomerular kidney disease. Physiological Reports, 2020, 8, e14545.	0.7	20
39	Replacement of L-amino acid peptides with D-amino acid peptides mitigates anti-PEG antibody generation against polymer-peptide conjugates in mice. Journal of Controlled Release, 2021, 331, 142-153.	4.8	20
40	Multifunctional hybrid sponge for in situ postoperative management to inhibit tumor recurrence. Biomaterials Science, 2021, 9, 4066-4075.	2.6	15
41	A versatile platform for surface modification of microfluidic droplets. Lab on A Chip, 2017, 17, 635-639.	3.1	14
42	Facile preparation of porous N-doped carbon via a one-step carbonization/activation treatment of polyvinylpyrrolidone/melamine formaldehyde resin with ammonium carbonate and its enhanced electrochemical performances for supercapacitors. Journal of Materials Science: Materials in Electronics, 2017, 28, 8993-9002.	1.1	12
43	Investigation on the controlled synthesis and post-modification of poly-[(N-2-hydroxyethyl)-aspartamide]-based polymers. Polymer Chemistry, 2017, 8, 1872-1877.	1.9	11
44	Enhancing electrochemical performance of LiFePO4 by vacuum-infiltration into expanded graphite for aqueous Li-ion capacitors. Electrochimica Acta, 2017, 253, 413-421.	2.6	11
45	PEG-polypeptide conjugated with LHRH as an efficient vehicle for targeted delivery of doxorubicin to breast cancer. Journal of Controlled Release, 2015, 213, e99.	4.8	7
46	Bortezomib Increases the Cancer Therapeutic Efficacy of Poly(amino acid)â€“Doxorubicin. ACS Biomaterials Science and Engineering, 2018, 4, 2053-2060.	2.6	4
47	Editorial: Synthesis, Functionalization, and Clinical Translation of Pharmaceutical Biomaterials. Frontiers in Bioengineering and Biotechnology, 2021, 9, 707963.	2.0	1