

Hong-jun Li

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

4,927
citations

159358

30
h-index

243296

44
g-index

46
all docs

46
docs citations

46
times ranked

6048
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ sprayed bioresponsive immunotherapeutic gel for post-surgical cancer treatment. <i>Nature Nanotechnology</i> , 2019, 14, 89-97.	15.6	725
2	Stimuli-responsive clustered nanoparticles for improved tumor penetration and therapeutic efficacy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4164-4169.	3.3	617
3	Smart Superstructures with Ultrahigh pH-Sensitivity for Targeting Acidic Tumor Microenvironment: Instantaneous Size Switching and Improved Tumor Penetration. <i>ACS Nano</i> , 2016, 10, 6753-6761.	7.3	461
4	Tumor Acidity-Sensitive Polymeric Vector for Active Targeted siRNA Delivery. <i>Journal of the American Chemical Society</i> , 2015, 137, 15217-15224.	6.6	312
5	Tumor-Acidity-Cleavable Maleic Acid Amide (TACMAA): A Powerful Tool for Designing Smart Nanoparticles To Overcome Delivery Barriers in Cancer Nanomedicine. <i>Accounts of Chemical Research</i> , 2018, 51, 2848-2856.	7.6	195
6	Strategies to improve tumor penetration of nanomedicines through nanoparticle design. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1519.	3.3	180
7	Inhibition of post-surgery tumour recurrence via a hydrogel releasing CAR-T cells and anti-PDL1-conjugated platelets. <i>Nature Biomedical Engineering</i> , 2021, 5, 1038-1047.	11.6	164
8	Macrophage-Specific <i>in Vivo</i> Gene Editing Using Cationic Lipid-Assisted Polymeric Nanoparticles. <i>ACS Nano</i> , 2018, 12, 994-1005.	7.3	163
9	Transdermal cold atmospheric plasma-mediated immune checkpoint blockade therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3687-3692.	3.3	163
10	Spatial Targeting of Tumor-Associated Macrophages and Tumor Cells with a pH-Sensitive Cluster Nanocarrier for Cancer Chemoimmunotherapy. <i>Nano Letters</i> , 2017, 17, 3822-3829.	4.5	158
11	Targeting of NLRP3 inflammasome with gene editing for the amelioration of inflammatory diseases. <i>Nature Communications</i> , 2018, 9, 4092.	5.8	142
12	Tailoring Materials for Modulation of Macrophage Fate. <i>Advanced Materials</i> , 2021, 33, e2004172.	11.1	141
13	Bioorthogonal catalytic patch. <i>Nature Nanotechnology</i> , 2021, 16, 933-941.	15.6	130
14	Cryo-shocked cancer cells for targeted drug delivery and vaccination. <i>Science Advances</i> , 2020, 6, .	4.7	99
15	The effect of surface charge on oral absorption of polymeric nanoparticles. <i>Biomaterials Science</i> , 2018, 6, 642-650.	2.6	96
16	Regulating the surface poly(ethylene glycol) density of polymeric nanoparticles and evaluating its role in drug delivery <i>in Vivo</i> . <i>Biomaterials</i> , 2015, 69, 1-11.	5.7	88
17	Local and Targeted Delivery of Immune Checkpoint Blockade Therapeutics. <i>Accounts of Chemical Research</i> , 2020, 53, 2521-2533.	7.6	81
18	The effect of surface poly(ethylene glycol) length on <i>in vivo</i> drug delivery behaviors of polymeric nanoparticles. <i>Biomaterials</i> , 2018, 182, 104-113.	5.7	70

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19	Transdermal colorimetric patch for hyperglycemia sensing in diabetic mice. <i>Biomaterials</i> , 2020, 237, 119782.	5.7	66
20	Optimizing the Size of Micellar Nanoparticles for Efficient siRNA Delivery. <i>Advanced Functional Materials</i> , 2015, 25, 4778-4787.	7.8	64
21	Dual self-regulated delivery of insulin and glucagon by a hybrid patch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29512-29517.	3.3	64
22	Enhanced Primary Tumor Penetration Facilitates Nanoparticle Draining into Lymph Nodes after Systemic Injection for Tumor Metastasis Inhibition. <i>ACS Nano</i> , 2019, 13, 8648-8658.	7.3	55
23	Unraveling the mechanobiology of immune cells. <i>Current Opinion in Biotechnology</i> , 2020, 66, 236-245.	3.3	55
24	Co-inhibition of the TGF- β 2 pathway and the PD-L1 checkpoint by pH-responsive clustered nanoparticles for pancreatic cancer microenvironment regulation and anti-tumor immunotherapy. <i>Biomaterials Science</i> , 2020, 8, 5121-5132.	2.6	50
25	Programmable Delivery of Immune Adjuvant to Tumor-Infiltrating Dendritic Cells for Cancer Immunotherapy. <i>Nano Letters</i> , 2020, 20, 4882-4889.	4.5	50
26	Overcoming tumor resistance to cisplatin by cationic lipid-assisted prodrug nanoparticles. <i>Biomaterials</i> , 2016, 94, 9-19.	5.7	47
27	Chlorin e6-Encapsulated Polyphosphoester Based Nanocarriers with Viscous Flow Core for Effective Treatment of Pancreatic Cancer. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18856-18865.	4.0	45
28	Co-delivery of platinum drug and siNotch1 with micelleplex for enhanced hepatocellular carcinoma therapy. <i>Biomaterials</i> , 2015, 70, 71-83.	5.7	43
29	Intratumor Performance and Therapeutic Efficacy of PAMAM Dendrimers Carried by Clustered Nanoparticles. <i>Nano Letters</i> , 2019, 19, 8947-8955.	4.5	41
30	Self-Reporting and Splitting Nanopomegranates Potentiate Deep Tissue Cancer Radiotherapy via Elevated Diffusion and Transcytosis. <i>ACS Nano</i> , 2020, 14, 8459-8472.	7.3	35
31	Adipocyte-Derived Anticancer Lipid Droplets. <i>Advanced Materials</i> , 2021, 33, e2100629.	11.1	32
32	Portable air-fed cold atmospheric plasma device for postsurgical cancer treatment. <i>Science Advances</i> , 2021, 7, eabg5686.	4.7	32
33	Delivery Techniques for Enhancing CAR T Cell Therapy against Solid Tumors. <i>Advanced Functional Materials</i> , 2021, 31, 2009489.	7.8	29
34	Injectable Biodegradable Polymeric Complex for Glucose-Responsive Insulin Delivery. <i>ACS Nano</i> , 2021, 15, 4294-4304.	7.3	29
35	Bioorthogonal catalysis for biomedical applications. <i>Trends in Chemistry</i> , 2022, 4, 157-168.	4.4	29
36	Surface charge tunable nanoparticles for TNF- α siRNA oral delivery for treating ulcerative colitis. <i>Nano Research</i> , 2018, 11, 2872-2884.	5.8	25

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37	Investigation of the in vivo integrity of polymeric micelles via large Stokes shift fluorophore-based FRET. <i>Journal of Controlled Release</i> , 2020, 324, 47-54.	4.8	24
38	Ultrafast charge-conversional nanocarrier for tumor-acidity-activated targeted drug delivery. <i>Biomaterials Science</i> , 2018, 6, 350-355.	2.6	21
39	Leveraging macrophages for cancer theranostics. <i>Advanced Drug Delivery Reviews</i> , 2022, 183, 114136.	6.6	21
40	Shell-detachable nanoparticles based on a light-responsive amphiphile for enhanced siRNA delivery. <i>RSC Advances</i> , 2014, 4, 1961-1964.	1.7	20
41	Tailoring the physicochemical properties of nanomaterials for immunomodulation. <i>Advanced Drug Delivery Reviews</i> , 2022, 180, 114039.	6.6	19
42	Delivery strategies in treatments of leukemia. <i>Chemical Society Reviews</i> , 2022, 51, 2121-2144.	18.7	17
43	Multi-stimuli responsive poly(amidoamine) dendrimers with peripheral <i>N</i> -dialkylaminoethyl carbamate moieties. <i>Polymer Chemistry</i> , 2019, 10, 656-662.	1.9	15
44	Leveraging biomaterials for enhancing T cell immunotherapy. <i>Journal of Controlled Release</i> , 2022, 344, 272-288.	4.8	14
45	Cancer Therapy: Adipocyte-Derived Anticancer Lipid Droplets (<i>Adv. Mater.</i> 26/2021). <i>Advanced Materials</i> , 2021, 33, 2170198.	11.1	0