

# Hong-jun Li

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

4,927  
citations

159585

30  
h-index

243625

44  
g-index

46  
all docs

46  
docs citations

46  
times ranked

6048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring the physicochemical properties of nanomaterials for immunomodulation. <i>Advanced Drug Delivery Reviews</i> , 2022, 180, 114039.	13.7	19
2	Bioorthogonal catalysis for biomedical applications. <i>Trends in Chemistry</i> , 2022, 4, 157-168.	8.5	29
3	Leveraging macrophages for cancer theranostics. <i>Advanced Drug Delivery Reviews</i> , 2022, 183, 114136.	13.7	21
4	Delivery strategies in treatments of leukemia. <i>Chemical Society Reviews</i> , 2022, 51, 2121-2144.	38.1	17
5	Leveraging biomaterials for enhancing T cell immunotherapy. <i>Journal of Controlled Release</i> , 2022, 344, 272-288.	9.9	14
6	Tailoring Materials for Modulation of Macrophage Fate. <i>Advanced Materials</i> , 2021, 33, e2004172.	21.0	141
7	Delivery Techniques for Enhancing CAR T Cell Therapy against Solid Tumors. <i>Advanced Functional Materials</i> , 2021, 31, 2009489.	14.9	29
8	Injectable Biodegradable Polymeric Complex for Glucose-Responsive Insulin Delivery. <i>ACS Nano</i> , 2021, 15, 4294-4304.	14.6	29
9	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.	22.5	164
10	Bioorthogonal catalytic patch. <i>Nature Nanotechnology</i> , 2021, 16, 933-941.	31.5	130
11	Adipocyte-Derived Anticancer Lipid Droplets. <i>Advanced Materials</i> , 2021, 33, e2100629.	21.0	32
12	Cancer Therapy: Adipocyte-Derived Anticancer Lipid Droplets ( <i>Adv. Mater.</i> 26/2021). <i>Advanced Materials</i> , 2021, 33, 2170198.	21.0	0
13	Portable air-fed cold atmospheric plasma device for postsurgical cancer treatment. <i>Science Advances</i> , 2021, 7, eabg5686.	10.3	32
14	Local and Targeted Delivery of Immune Checkpoint Blockade Therapeutics. <i>Accounts of Chemical Research</i> , 2020, 53, 2521-2533.	15.6	81
15	Unraveling the mechanobiology of immune cells. <i>Current Opinion in Biotechnology</i> , 2020, 66, 236-245.	6.6	55
16	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.	7.1	64
17	Co-inhibition of the TGF- $\beta$ 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.	5.4	50
18	Cryo-shocked cancer cells for targeted drug delivery and vaccination. <i>Science Advances</i> , 2020, 6, .	10.3	99

#	ARTICLE	IF	CITATIONS
19	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.	9.9	24
20	Programmable Delivery of Immune Adjuvant to Tumor-Infiltrating Dendritic Cells for Cancer Immunotherapy. <i>Nano Letters</i> , 2020, 20, 4882-4889.	9.1	50
21	Self-Reporting and Splitting Nanopomegranates Potentiate Deep Tissue Cancer Radiotherapy via Elevated Diffusion and Transcytosis. <i>ACS Nano</i> , 2020, 14, 8459-8472.	14.6	35
22	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.	7.1	163
23	Transdermal colorimetric patch for hyperglycemia sensing in diabetic mice. <i>Biomaterials</i> , 2020, 237, 119782.	11.4	66
24	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.	14.6	55
25	Intratumor Performance and Therapeutic Efficacy of PAMAM Dendrimers Carried by Clustered Nanoparticles. <i>Nano Letters</i> , 2019, 19, 8947-8955.	9.1	41
26	Multi-stimuli responsive poly(amidoamine) dendrimers with peripheral N-dialkylaminoethyl carbamate moieties. <i>Polymer Chemistry</i> , 2019, 10, 656-662.	3.9	15
27	In situ sprayed bioresponsive immunotherapeutic gel for post-surgical cancer treatment. <i>Nature Nanotechnology</i> , 2019, 14, 89-97.	31.5	725
28	Strategies to improve tumor penetration of nanomedicines through nanoparticle design. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2019, 11, e1519.	6.1	180
29	The effect of surface charge on oral absorption of polymeric nanoparticles. <i>Biomaterials Science</i> , 2018, 6, 642-650.	5.4	96
30	Macrophage-Specific in Vivo Gene Editing Using Cationic Lipid-Assisted Polymeric Nanoparticles. <i>ACS Nano</i> , 2018, 12, 994-1005.	14.6	163
31	Ultrafast charge-conversional nanocarrier for tumor-acidity-activated targeted drug delivery. <i>Biomaterials Science</i> , 2018, 6, 350-355.	5.4	21
32	Surface charge tunable nanoparticles for TNF- $\alpha$ siRNA oral delivery for treating ulcerative colitis. <i>Nano Research</i> , 2018, 11, 2872-2884.	10.4	25
33	Targeting of NLRP3 inflammasome with gene editing for the amelioration of inflammatory diseases. <i>Nature Communications</i> , 2018, 9, 4092.	12.8	142
34	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.	15.6	195
35	The effect of surface poly(ethylene glycol) length on in vivo drug delivery behaviors of polymeric nanoparticles. <i>Biomaterials</i> , 2018, 182, 104-113.	11.4	70
36	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.	9.1	158

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37	Overcoming tumor resistance to cisplatin by cationic lipid-assisted prodrug nanoparticles. <i>Biomaterials</i> , 2016, 94, 9-19.	11.4	47
38	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.	14.6	461
39	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.	7.1	617
40	Optimizing the Size of Micellar Nanoparticles for Efficient siRNA Delivery. <i>Advanced Functional Materials</i> , 2015, 25, 4778-4787.	14.9	64
41	Tumor Acidity-Sensitive Polymeric Vector for Active Targeted siRNA Delivery. <i>Journal of the American Chemical Society</i> , 2015, 137, 15217-15224.	13.7	312
42	Regulating the surface poly(ethylene glycol) density of polymeric nanoparticles and evaluating its role in drug delivery in vivo. <i>Biomaterials</i> , 2015, 69, 1-11.	11.4	88
43	Chlorin e6-Encapsulated Polyphosphoester Based Nanocarriers with Viscous Flow Core for Effective Treatment of Pancreatic Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 18856-18865.	8.0	45
44	Co-delivery of platinum drug and siNotch1 with micelleplex for enhanced hepatocellular carcinoma therapy. <i>Biomaterials</i> , 2015, 70, 71-83.	11.4	43
45	Shell-detachable nanoparticles based on a light-responsive amphiphile for enhanced siRNA delivery. <i>RSC Advances</i> , 2014, 4, 1961-1964.	3.6	20