

# Zichao Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,662  
citations

448610

19  
h-index

685536

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Adjuvanted Molecular Activator (SeaMac) Nanovaccines Promote Cancer Immunotherapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002080.	3.9	20
2	A multifunctional Fenton nanoagent for microenvironment-selective anti-biofilm and anti-inflammatory therapy. <i>Materials Horizons</i> , 2021, 8, 1264-1271.	6.4	51
3	Emerging strategies in developing multifunctional nanomaterials for cancer nanotheranostics. <i>Advanced Drug Delivery Reviews</i> , 2021, 178, 113907.	6.6	46
4	High-Specificity In Vivo Tumor Imaging Using Bioorthogonal NIR-Nanoparticles. <i>Advanced Materials</i> , 2021, 33, e2102950.	11.1	46
5	Lanthanide-Activated Nanoparticles: A Toolbox for Bioimaging, Therapeutics, and Neuromodulation. <i>Accounts of Chemical Research</i> , 2020, 53, 2692-2704.	7.6	123
6	AlEgen-coupled upconversion nanoparticles eradicate solid tumors through dual-mode ROS activation. <i>Science Advances</i> , 2020, 6, eabb2712.	4.7	100
7	Improving Cancer Immunotherapy Outcomes Using Biomaterials. <i>Angewandte Chemie</i> , 2020, 132, 17484-17495.	1.6	12
8	Improving Cancer Immunotherapy Outcomes Using Biomaterials. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17332-17343.	7.2	48
9	Combating the Coronavirus Pandemic: Early Detection, Medical Treatment, and a Concerted Effort by the Global Community. <i>Research</i> , 2020, 2020, 6925296.	2.8	26
10	In Vivo Tumor Visualization through MRI On Switching of NaGdF <sub>4</sub> -CaCO <sub>3</sub> Nanoconjugates. <i>Advanced Materials</i> , 2019, 31, e1901851.	11.1	79
11	A Powerful CD8 <sup>+</sup> T-Cell Stimulating Tetra-Peptide Hydrogel as a Very Promising Vaccine Adjuvant. <i>Advanced Materials</i> , 2017, 29, 1601776.	11.1	198
12	Thermosensitive PEG-PCL-PEG (PECE) hydrogel as an <i>in situ</i> gelling system for ocular drug delivery of diclofenac sodium. <i>Drug Delivery</i> , 2016, 23, 63-68.	2.5	54
13	Self-assembled peptide-based supramolecular hydrogel for ophthalmic drug delivery. <i>RSC Advances</i> , 2016, 6, 76093-76098.	1.7	17
14	Enzyme-Catalyzed Formation of Supramolecular Hydrogels as Promising Vaccine Adjuvants. <i>Advanced Functional Materials</i> , 2016, 26, 1822-1829.	7.8	163
15	Supramolecular hydrogel of non-steroidal anti-inflammatory drugs: preparation, characterization and ocular biocompatibility. <i>RSC Advances</i> , 2016, 6, 62434-62438.	1.7	14
16	Co-delivery of poly I:C and STAT3 siRNA by nanovaccines effectively overcomes tumor-associated dendritic cell dysfunction and elicits anti-tumor immune response. <i>Journal of Controlled Release</i> , 2015, 213, e133-e134.	4.8	1
17	Chitosan grafted methoxy poly(ethylene glycol)-poly( $\epsilon$ -caprolactone) nanosuspension for ocular delivery of hydrophobic diclofenac. <i>Scientific Reports</i> , 2015, 5, 11337.	1.6	66
18	An injectable thermosensitive polymeric hydrogel for sustained release of Avastin® to treat posterior segment disease. <i>International Journal of Pharmaceutics</i> , 2015, 490, 375-383.	2.6	92

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19	Cationic micelle based vaccine induced potent humoral immune response through enhancing antigen uptake and formation of germinal center. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 556-564.	2.5	16
20	Nanovaccine loaded with poly I:C and STAT3 siRNA robustly elicits anti-tumor immune responses through modulating tumor-associated dendritic cells in vivo. <i>Biomaterials</i> , 2015, 38, 50-60.	5.7	123
21	In situ covalently cross-linked PEG hydrogel for ocular drug delivery applications. <i>International Journal of Pharmaceutics</i> , 2014, 470, 151-157.	2.6	93
22	Bioreducible alginate-poly(ethylenimine) nanogels as an antigen-delivery system robustly enhance vaccine-elicited humoral and cellular immune responses. <i>Journal of Controlled Release</i> , 2013, 168, 271-279.	4.8	132
23	Cationic polypeptide micelle-based antigen delivery system: A simple and robust adjuvant to improve vaccine efficacy. <i>Journal of Controlled Release</i> , 2013, 170, 259-267.	4.8	78
24	Toll-like receptor 3 agonist complexed with cationic liposome augments vaccine-elicited antitumor immunity by enhancing TLR3-IRF3 signaling and type I interferons in dendritic cells. <i>Vaccine</i> , 2012, 30, 4790-4799.	1.7	64