

# Xiaoli Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,491  
citations

377584

21  
h-index

371746

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nano-, micro-, and macroscale drug delivery systems for cancer immunotherapy. <i>Acta Biomaterialia</i> , 2019, 85, 1-26.	4.1	142
2	Design and synthesis of organic-inorganic hybrid capsules for biotechnological applications. <i>Chemical Society Reviews</i> , 2014, 43, 5192.	18.7	137
3	Facile One-Pot Preparation of Chitosan/Calcium Pyrophosphate Hybrid Microflowers. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 14522-14532.	4.0	124
4	Bioinspired Approach to Multienzyme Cascade System Construction for Efficient Carbon Dioxide Reduction. <i>ACS Catalysis</i> , 2014, 4, 962-972.	5.5	120
5	Nanoscale Reduced Graphene Oxide-Mediated Photothermal Therapy Together with IDO Inhibition and PD-L1 Blockade Synergistically Promote Antitumor Immunity. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 1876-1885.	4.0	109
6	Metal-Organic Coordination-Enabled Layer-by-Layer Self-Assembly to Prepare Hybrid Microcapsules for Efficient Enzyme Immobilization. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 3476-3483.	4.0	80
7	Facile Method To Prepare Microcapsules Inspired by Polyphenol Chemistry for Efficient Enzyme Immobilization. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19570-19578.	4.0	64
8	Construction and application of therapeutic metal-polyphenol capsule for peripheral artery disease. <i>Biomaterials</i> , 2020, 255, 120199.	5.7	63
9	ROS-responsive capsules engineered from green tea polyphenol-metal networks for anticancer drug delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1000-1010.	2.9	53
10	Synergy of Pickering Emulsion and Sol-Gel Process for the Construction of an Efficient, Recyclable Enzyme Cascade System. <i>Advanced Functional Materials</i> , 2013, 23, 1450-1458.	7.8	52
11	ROS-responsive capsules engineered from EGCG-Zinc networks improve therapeutic angiogenesis in mouse limb ischemia. <i>Bioactive Materials</i> , 2021, 6, 1-11.	8.6	51
12	Improved vaccine-induced immune responses <i>via</i> a ROS-triggered nanoparticle-based antigen delivery system. <i>Nanoscale</i> , 2018, 10, 9489-9503.	2.8	46
13	Polymer-lipid hybrid nanovesicle-enabled combination of immunogenic chemotherapy and RNAi-mediated PD-L1 knockdown elicits antitumor immunity against melanoma. <i>Biomaterials</i> , 2021, 268, 120579.	5.7	46
14	Polydopamine nanoparticles carrying tumor cell lysate as a potential vaccine for colorectal cancer immunotherapy. <i>Biomaterials Science</i> , 2019, 7, 3062-3075.	2.6	43
15	Nanocapsules engineered from polyhedral ZIF-8 templates for bone-targeted hydrophobic drug delivery. <i>Biomaterials Science</i> , 2017, 5, 658-662.	2.6	39
16	Mannose-functionalized antigen nanoparticles for targeted dendritic cells, accelerated endosomal escape and enhanced MHC-I antigen presentation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 197, 111378.	2.5	38
17	Alum-functionalized graphene oxide nanocomplexes for effective anticancer vaccination. <i>Acta Biomaterialia</i> , 2019, 83, 390-399.	4.1	35
18	Chitosan/calcium phosphates nanosheet as a vaccine carrier for effective cross-presentation of exogenous antigens. <i>Carbohydrate Polymers</i> , 2019, 224, 115172.	5.1	26

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19	3D printing of implantable elastic PLCL copolymer scaffolds. <i>Soft Matter</i> , 2020, 16, 2141-2148.	1.2	26
20	MOF-templated rough, ultrathin inorganic microcapsules for enzyme immobilization. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6587-6598.	2.9	24
21	Polydopamine as the Antigen Delivery Nanocarrier for Enhanced Immune Response in Tumor Immunotherapy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2330-2342.	2.6	23
22	Hydrogen peroxide-responsive micelles self-assembled from a peroxalate ester-containing triblock copolymer. <i>Biomaterials Science</i> , 2016, 4, 255-257.	2.6	19
23	Preparation of Ultrathin, Robust Protein Microcapsules through Template-Mediated Interfacial Reaction between Amine and Catechol Groups. <i>Biomacromolecules</i> , 2013, 14, 3861-3869.	2.6	18
24	A Generic Coordination Assembly-Enabled Nanocoating of Individual Tumor Cells for Personalized Immunotherapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900474.	3.9	14
25	Simultaneous size control and surface functionalization of titania nanoparticles through bioadhesion-assisted bio-inspired mineralization. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	13
26	Coordination microparticle vaccines engineered from tumor cell templates. <i>Chemical Communications</i> , 2019, 55, 1568-1571.	2.2	12
27	Surfactant-Stripped Micelles with Aggregation-Induced Enhanced Emission for Bimodal Gut Imaging In Vivo and Microbiota Tagging Ex Vivo. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100356.	3.9	12
28	Antigen-Inorganic Hybrid Flowers-Based Vaccines with Enhanced Room Temperature Stability and Effective Anticancer Immunity. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900660.	3.9	10
29	A Dissolvable Microneedle Formulation of <i>Bordetella pertussis</i> Subunit Vaccine: Translational Development and Immunological Evaluation in Mice. <i>ACS Applied Bio Materials</i> , 2019, 2, 5053-5061.	2.3	9
30	&lt;p&gt;Antigen-Conjugated Silica Solid Sphere as Nanovaccine for Cancer Immunotherapy&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2685-2697.	3.3	8
31	Synthesis and characterization of bimodal mesoporous silica. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012, 27, 1084-1088.	0.4	7
32	Protein delivery nanosystem of six-arm copolymer poly(&epsilon;-caprolactone)-poly(ethylene glycol) for long-term sustained release. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2743-2754.	3.3	7
33	Preparation and protein adsorption of hydrogel polysucrose microspheres. <i>Journal of Applied Polymer Science</i> , 2006, 102, 5934-5940.	1.3	6
34	Bursal peptide BP-IV as a novel immunoadjuvant enhances the protective efficacy of an epitope peptide vaccine containing T and B cell epitopes of the H9N2 avian influenza virus. <i>Microbial Pathogenesis</i> , 2021, 158, 105095.	1.3	5
35	Radial porous SiO <sub>2</sub> nanoflowers potentiate the effect of antigen/adjuvant in antitumor immunotherapy. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 1296-1311.	2.3	3
36	Development of PDA Nanoparticles for H9N2 Avian Influenza BPP-V/BP-IV Epitope Peptide Vaccines: Immunogenicity and Delivery Efficiency Improvement. <i>Frontiers in Immunology</i> , 2021, 12, 693972.	2.2	3

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37	Identification and Characterization of the Nuclease Activity of the Extracellular Proteins from <i>Salmonella enterica</i> Serovar Typhimurium. <i>Current Microbiology</i> , 2020, 77, 3651-3660.	1.0	2
38	Programmed nanoparticle-loaded microparticles for effective antigen/adjuvant delivery. <i>Particuology</i> , 2021, , .	2.0	2
39	Maximum efficiency analysis in wireless power transfer. , 2018, , .		0