

Xiaoli Wang

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,491
citations

331670

21
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

2397
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Nano-, micro-, and macroscale drug delivery systems for cancer immunotherapy. <i>Acta Biomaterialia</i> , 2019, 85, 1-26. | 8.3 | 142 |
| 2 | Design and synthesis of organic–inorganic hybrid capsules for biotechnological applications. <i>Chemical Society Reviews</i> , 2014, 43, 5192. | 38.1 | 137 |
| 3 | Facile One-Pot Preparation of Chitosan/Calcium Pyrophosphate Hybrid Microflowers. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 14522-14532. | 8.0 | 124 |
| 4 | Bioinspired Approach to Multienzyme Cascade System Construction for Efficient Carbon Dioxide Reduction. <i>ACS Catalysis</i> , 2014, 4, 962-972. | 11.2 | 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 & Interfaces</i> , 2019, 11, 1876-1885. | 8.0 | 109 |
| 6 | Metal–Organic Coordination-Enabled Layer-by-Layer Self-Assembly to Prepare Hybrid Microcapsules for Efficient Enzyme Immobilization. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3476-3483. | 8.0 | 80 |
| 7 | Facile Method To Prepare Microcapsules Inspired by Polyphenol Chemistry for Efficient Enzyme Immobilization. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 19570-19578. | 8.0 | 64 |
| 8 | Construction and application of therapeutic metal-polyphenol capsule for peripheral artery disease. <i>Biomaterials</i> , 2020, 255, 120199. | 11.4 | 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. | 5.8 | 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. | 14.9 | 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. | 15.6 | 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. | 5.6 | 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. | 11.4 | 46 |
| 14 | Polydopamine nanoparticles carrying tumor cell lysate as a potential vaccine for colorectal cancer immunotherapy. <i>Biomaterials Science</i> , 2019, 7, 3062-3075. | 5.4 | 43 |
| 15 | Nanocapsules engineered from polyhedral ZIF-8 templates for bone-targeted hydrophobic drug delivery. <i>Biomaterials Science</i> , 2017, 5, 658-662. | 5.4 | 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. | 5.0 | 38 |
| 17 | Alum-functionalized graphene oxide nanocomplexes for effective anticancer vaccination. <i>Acta Biomaterialia</i> , 2019, 83, 390-399. | 8.3 | 35 |
| 18 | Chitosan/calcium phosphates nanosheet as a vaccine carrier for effective cross-presentation of exogenous antigens. <i>Carbohydrate Polymers</i> , 2019, 224, 115172. | 10.2 | 26 |

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|----|--|-----|-----------|
| 19 | 3D printing of implantable elastic PLCL copolymer scaffolds. <i>Soft Matter</i> , 2020, 16, 2141-2148. | 2.7 | 26 |
| 20 | MOF-templated rough, ultrathin inorganic microcapsules for enzyme immobilization. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6587-6598. | 5.8 | 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. | 5.2 | 23 |
| 22 | Hydrogen peroxide-responsive micelles self-assembled from a peroxalate ester-containing triblock copolymer. <i>Biomaterials Science</i> , 2016, 4, 255-257. | 5.4 | 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. | 5.4 | 18 |
| 24 | A Generic Coordination Assembly-Enabled Nanocoating of Individual Tumor Cells for Personalized Immunotherapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900474. | 7.6 | 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. | 1.9 | 13 |
| 26 | Coordination microparticle vaccines engineered from tumor cell templates. <i>Chemical Communications</i> , 2019, 55, 1568-1571. | 4.1 | 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. | 7.6 | 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. | 7.6 | 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. | 4.6 | 9 |
| 30 | <p></p>Antigen-Conjugated Silica Solid Sphere as Nanovaccine for Cancer Immunotherapy<p></p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 2685-2697. | 6.7 | 8 |
| 31 | Synthesis and characterization of bimodal mesoporous silica. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2012, 27, 1084-1088. | 1.0 | 7 |
| 32 | Protein delivery nanosystem of six-arm copolymer poly(ε-caprolactone)–poly(ethylene glycol) for long-term sustained release. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2743-2754. | 6.7 | 7 |
| 33 | Preparation and protein adsorption of hydrogel polysucrose microspheres. <i>Journal of Applied Polymer Science</i> , 2006, 102, 5934-5940. | 2.6 | 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. | 2.9 | 5 |
| 35 | Radial porous SiO ₂ nanoflowers potentiate the effect of antigen/adjuvant in antitumor immunotherapy. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 1296-1311. | 4.4 | 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. | 4.8 | 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. | 2.2 | 2 |
| 38 | Programmed nanoparticle-loaded microparticles for effective antigen/adjuvant delivery. <i>Particuology</i> , 2021, , . | 3.6 | 2 |
| 39 | Maximum efficiency analysis in wireless power transfer. , 2018, , . | | 0 |