

Rui Peng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1437794/publications.pdf>

Version: 2024-02-01

30
papers

5,478
citations

257450

24
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

8537
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Photothermal therapy with immune-adjuvant nanoparticles together with checkpoint blockade for effective cancer immunotherapy. <i>Nature Communications</i> , 2016, 7, 13193. | 12.8 | 1,270 |
| 2 | Near-Infrared-Triggered Photodynamic Therapy with Multitasking Upconversion Nanoparticles in Combination with Checkpoint Blockade for Immunotherapy of Colorectal Cancer. <i>ACS Nano</i> , 2017, 11, 4463-4474. | 14.6 | 583 |
| 3 | Cancer Cell Membrane-Coated Adjuvant Nanoparticles with Mannose Modification for Effective Anticancer Vaccination. <i>ACS Nano</i> , 2018, 12, 5121-5129. | 14.6 | 505 |
| 4 | Graphene Oxide-Silver Nanocomposite As a Highly Effective Antibacterial Agent with Species-Specific Mechanisms. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 3867-3874. | 8.0 | 424 |
| 5 | Behavior and Toxicity of Graphene and Its Functionalized Derivatives in Biological Systems. <i>Small</i> , 2013, 9, 1492-1503. | 10.0 | 392 |
| 6 | Polyethylene Glycol and Polyethylenimine Dual-Functionalized Nano-Graphene Oxide for Photothermally Enhanced Gene Delivery. <i>Small</i> , 2013, 9, 1989-1997. | 10.0 | 378 |
| 7 | A general strategy towards personalized nanovaccines based on fluoropolymers for post-surgical cancer immunotherapy. <i>Nature Nanotechnology</i> , 2020, 15, 1043-1052. | 31.5 | 332 |
| 8 | Functionalized Graphene Oxide in Enzyme Engineering: A Selective Modulator for Enzyme Activity and Thermostability. <i>ACS Nano</i> , 2012, 6, 4864-4875. | 14.6 | 204 |
| 9 | Antigen-Loaded Upconversion Nanoparticles for Dendritic Cell Stimulation, Tracking, and Vaccination in Dendritic Cell-Based Immunotherapy. <i>ACS Nano</i> , 2015, 9, 6401-6411. | 14.6 | 204 |
| 10 | Graphene-Based Nanocomposite As an Effective, Multifunctional, and Recyclable Antibacterial Agent. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8542-8548. | 8.0 | 179 |
| 11 | Nanovaccine based on a protein-delivering dendrimer for effective antigen cross-presentation and cancer immunotherapy. <i>Biomaterials</i> , 2019, 207, 1-9. | 11.4 | 118 |
| 12 | Functionalization of Graphene Oxide Generates a Unique Interface for Selective Serum Protein Interactions. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1370-1377. | 8.0 | 91 |
| 13 | Functionalized graphene oxide serves as a novel vaccine nano-adjuvant for robust stimulation of cellular immunity. <i>Nanoscale</i> , 2016, 8, 3785-3795. | 5.6 | 87 |
| 14 | Nanoscale Coordination Polymer Based Nanovaccine for Tumor Immunotherapy. <i>ACS Nano</i> , 2019, 13, 13127-13135. | 14.6 | 83 |
| 15 | Oxaliplatin-/NLG919 prodrugs-constructed liposomes for effective chemo-immunotherapy of colorectal cancer. <i>Biomaterials</i> , 2020, 255, 120190. | 11.4 | 75 |
| 16 | Dual-Aptamer Modification Generates a Unique Interface for Highly Sensitive and Specific Electrochemical Detection of Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 7309-7315. | 8.0 | 74 |
| 17 | Multilayer Dual-Polymer-Coated Upconversion Nanoparticles for Multimodal Imaging and Serum-Enhanced Gene Delivery. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10381-10388. | 8.0 | 67 |
| 18 | Aptamer-conjugated upconversion nanoprobe assisted by magnetic separation for effective isolation and sensitive detection of circulating tumor cells. <i>Nano Research</i> , 2014, 7, 1327-1336. | 10.4 | 64 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Bacteria-derived membrane vesicles to advance targeted photothermal tumor ablation. <i>Biomaterials</i> , 2021, 268, 120550. | 11.4 | 57 |
| 20 | Fates of Fe ₃ O ₄ and Fe ₃ O ₄ @SiO ₂ nanoparticles in human mesenchymal stem cells assessed by synchrotron radiation-based techniques. <i>Biomaterials</i> , 2014, 35, 6412-6421. | 11.4 | 54 |
| 21 | Inorganic nanomaterials for tumor angiogenesis imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 147-163. | 6.4 | 41 |
| 22 | Graphene Oxide Selectively Enhances Thermostability of Trypsin. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 12270-12277. | 8.0 | 35 |
| 23 | Dual-Polymer-Functionalized Nanoscale Graphene Oxide as a Highly Effective Gene Transfection Agent for Insect Cells with Cell-Type-Dependent Cellular Uptake Mechanisms. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 794-803. | 2.3 | 34 |
| 24 | Functionalized graphene oxide in microbial engineering: An effective stimulator for bacterial growth. <i>Carbon</i> , 2016, 103, 172-180. | 10.3 | 28 |
| 25 | Immunogenic nanomedicine based on GSH-responsive nanoscale covalent organic polymers for chemo-sonodynamic therapy. <i>Biomaterials</i> , 2022, 283, 121428. | 11.4 | 25 |
| 26 | Cell-Penetrating Peptide Enhanced Antigen Presentation for Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , 2019, 30, 2115-2126. | 3.6 | 23 |
| 27 | Stimulation of immune systems by conjugated polymers and their potential as an alternative vaccine adjuvant. <i>Nanoscale</i> , 2015, 7, 19282-19292. | 5.6 | 17 |
| 28 | Functionalized graphene oxide triggers cell cycle checkpoint control through both the ATM and the ATR signaling pathways. <i>Carbon</i> , 2018, 129, 495-503. | 10.3 | 15 |
| 29 | Facile Preparation of Cu ₂ Se Nanosheets as Dual-Functional Antibacterial Agents. <i>ACS Applied Bio Materials</i> , 2020, 3, 1418-1425. | 4.6 | 13 |
| 30 | A protein-based electrochemical method for label-free characterization of sequence-specific protein-DNA interactions. <i>Electrochimica Acta</i> , 2011, 56, 5759-5765. | 5.2 | 6 |