

Qiao-Jun Fang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3763128/publications.pdf>

Version: 2024-02-01

40
papers

1,123
citations

471509

17
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

1824
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | An Evaluation of Blood Compatibility of Silver Nanoparticles. <i>Scientific Reports</i> , 2016, 6, 25518. | 3.3 | 157 |
| 2 | Advancing osmotic power generation by covalent organic framework monolayer. <i>Nature Nanotechnology</i> , 2022, 17, 622-628. | 31.5 | 113 |
| 3 | Chiral Nanoparticle as a New Efficient Antimicrobial Nanoagent. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601011. | 7.6 | 81 |
| 4 | Abraxane, the Nanoparticle Formulation of Paclitaxel Can Induce Drug Resistance by Up-Regulation of P-gp. <i>PLoS ONE</i> , 2015, 10, e0131429. | 2.5 | 70 |
| 5 | Interaction of gold and silver nanoparticles with human plasma: Analysis of protein corona reveals specific binding patterns. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 317-325. | 5.0 | 69 |
| 6 | Tumor detection using magnetosome nanoparticles functionalized with a newly screened EGFR/HER2 targeting peptide. <i>Biomaterials</i> , 2017, 115, 53-64. | 11.4 | 65 |
| 7 | HER2 Targeting Peptides Screening and Applications in Tumor Imaging and Drug Delivery. <i>Theranostics</i> , 2016, 6, 1261-1273. | 10.0 | 45 |
| 8 | A General Strategy for Facile Synthesis and In Situ Screening of Self-Assembled Polymer-Peptide Nanomaterials. <i>Advanced Materials</i> , 2016, 28, 1859-1867. | 21.0 | 45 |
| 9 | Rapid Screening of Peptide Probes through <i>In Situ</i> Single-Bead Sequencing Microarray. <i>Analytical Chemistry</i> , 2014, 86, 11854-11859. | 6.5 | 40 |
| 10 | Quantitative Proteomic Analysis of Cellular Resistance to the Nanoparticle Abraxane. <i>ACS Nano</i> , 2015, 9, 10099-10112. | 14.6 | 40 |
| 11 | Structure-based Design of Peptides with High Affinity and Specificity to HER2 Positive Tumors. <i>Theranostics</i> , 2015, 5, 1154-1165. | 10.0 | 34 |
| 12 | Nanoparticle abraxane possesses impaired proliferation in A549 cells due to the underexpression of glucosamine 6-phosphate N-acetyltransferase 1 (GNPNAT1/GNA1). <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1685-1697. | 6.7 | 32 |
| 13 | Bimodal Imprint Chips for Peptide Screening: Integration of High-Throughput Sequencing by MS and Affinity Analyses by Surface Plasmon Resonance Imaging. <i>Analytical Chemistry</i> , 2014, 86, 3703-3707. | 6.5 | 27 |
| 14 | Siderophores for medical applications: Imaging, sensors, and therapeutics. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120306. | 5.2 | 25 |
| 15 | Biocompatibility of Bacterial Magnetosomes as MRI Contrast Agent: A Long-Term In Vivo Follow-Up Study. <i>Nanomaterials</i> , 2021, 11, 1235. | 4.1 | 19 |
| 16 | Self-Confirming Magnetosomes for Tumor-Targeted ¹ T ₂ /T ₂ Dual-Mode MRI and MRI-Guided Photothermal Therapy. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200841. | 7.6 | 19 |
| 17 | Polymer-KLAK Peptide Conjugates Induce Cancer Cell Death through Synergistic Effects of Mitochondria Damage and Autophagy Blockage. <i>Bioconjugate Chemistry</i> , 2017, 28, 1709-1721. | 3.6 | 18 |
| 18 | Conic shapes have higher sensitivity than cylindrical ones in nanopore DNA sequencing. <i>Scientific Reports</i> , 2018, 8, 9097. | 3.3 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | <p><p>A Protein Corona Adsorbed to a Bacterial Magnetosome Affects Its Cellular Uptake</p></p>. International Journal of Nanomedicine, 2020, Volume 15, 1481-1498. | 6.7 | 18 |
| 20 | Protein biomarkers in breast cancer-derived extracellular vesicles for use in liquid biopsies. American Journal of Physiology - Cell Physiology, 2021, 321, C779-C797. | 4.6 | 18 |
| 21 | Proteomic profiling of RAW264.7 macrophage cells exposed to graphene oxide: insights into acute cellular responses. Nanotoxicology, 2019, 13, 35-49. | 3.0 | 17 |
| 22 | Switchable counterion gradients around charged metallic nanoparticles enable reception of radio waves. Science Advances, 2018, 4, eaau3546. | 10.3 | 16 |
| 23 | Peptide probes derived from pertuzumab by molecular dynamics modeling for HER2 positive tumor imaging. PLoS Computational Biology, 2017, 13, e1005441. | 3.2 | 15 |
| 24 | Molecular recognition of human islet amyloid polypeptide assembly by selective oligomerization of thioflavin T. Science Advances, 2020, 6, eabc1449. | 10.3 | 14 |
| 25 | Label-free detection microarray for novel peptide ligands screening base on MSâ€“SPRi combination. Talanta, 2015, 134, 705-711. | 5.5 | 13 |
| 26 | Strategy for Avoiding Protein Corona Inhibition of Targeted Drug Delivery by Linking Recombinant Affibody Scaffold to Magnetosomes. International Journal of Nanomedicine, 2022, Volume 17, 665-680. | 6.7 | 13 |
| 27 | Drug-internalized bacterial swimmers for magnetically manipulable tumor-targeted drug delivery. Nanoscale, 2020, 12, 13513-13522. | 5.6 | 11 |
| 28 | Adsorption of helical and saddle-shaped oligothiophenes on solid surface. Science China Chemistry, 2018, 61, 844-849. | 8.2 | 10 |
| 29 | Peptosome Coadministration Improves Nanoparticle Delivery to Tumors through NRP1-Mediated Co-Endocytosis. Biomolecules, 2019, 9, 172. | 4.0 | 10 |
| 30 | Efficient and Long-Lasting Current Rectification by Laminated Yet Separated, Oppositely Charged Monolayers. ACS Applied Electronic Materials, 2019, 1, 2295-2300. | 4.3 | 9 |
| 31 | Bilayer Adsorption of Porphyrin Molecules Substituted with Carboxylic Acid atop the NN4A Network Revealed by STM and DFT. Langmuir, 2019, 35, 4428-4434. | 3.5 | 9 |
| 32 | A comprehensive assessment of the biocompatibility of Magnetospirillum gryphiswaldense MSR-1 bacterial magnetosomes in vitro and in vivo. Toxicology, 2021, 462, 152949. | 4.2 | 8 |
| 33 | Unravelling the Self-Assembly of Diketopyrrolopyrrole-Based Photovoltaic Molecules. Langmuir, 2018, 34, 11952-11959. | 3.5 | 5 |
| 34 | On-Surface Crystallization Behaviors of H-Bond Donorâ€“Acceptor Complexes at Liquid/Solid Interfaces. Langmuir, 2019, 35, 8935-8942. | 3.5 | 4 |
| 35 | Switchable Ionic Rectifiers Based on Ferroelectric Nanopores. ACS Applied Nano Materials, 2020, 3, 1104-1110. | 5.0 | 4 |
| 36 | CD151 enrichment in exosomes of luminal androgen receptor breast cancer cell line contributes to cell invasion. Biochimie, 2021, 189, 65-75. | 2.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | High-Throughput Peptide Screening on a Bimodal Imprinting Chip Through MS-SPRi Integration. <i>Methods in Molecular Biology</i> , 2016, 1352, 111-125. | 0.9 | 2 |
| 38 | Design of a Simple and Practical Nanosystem Coordinates Tumor Targeting and Penetration for Improved Theranostics. <i>Advanced Therapeutics</i> , 2019, 2, 1800107. | 3.2 | 2 |
| 39 | A structure-preserving finite element discretization for the time-dependent Nernst-Planck equation. <i>Journal of Applied Mathematics and Computing</i> , 2022, 68, 1545-1564. | 2.5 | 2 |
| 40 | Heterochirality-Mediated Cross-Strand Nested Hydrophobic Interaction Effects Manifested in Surface-Bound Peptide Assembly Structures. <i>Journal of Physical Chemistry B</i> , 2022, 126, 723-733. | 2.6 | 2 |