

Qiao-Jun Fang

List of Publications by Year in descending order

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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	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
2	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
3	Strategy for Avoiding Protein Corona Inhibition of Targeted Drug Delivery by Linking Recombinant Affibody Scaffold to Magnetosomes. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 665-680.	6.7	13
4	Advancing osmotic power generation by covalent organic framework monolayer. <i>Nature Nanotechnology</i> , 2022, 17, 622-628.	31.5	113
5	Self-Confirming Magnetosomes for Tumor-Targeted ¹ T ₂ Dual-Mode MRI and MRI-Guided Photothermal Therapy. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200841.	7.6	19
6	Siderophores for medical applications: Imaging, sensors, and therapeutics. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120306.	5.2	25
7	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
8	Protein biomarkers in breast cancer-derived extracellular vesicles for use in liquid biopsies. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C779-C797.	4.6	18
9	CD151 enrichment in exosomes of luminal androgen receptor breast cancer cell line contributes to cell invasion. <i>Biochimie</i> , 2021, 189, 65-75.	2.6	4
10	A comprehensive assessment of the biocompatibility of <i>Magnetospirillum gryphiswaldense</i> MSR-1 bacterial magnetosomes in vitro and in vivo. <i>Toxicology</i> , 2021, 462, 152949.	4.2	8
11	Molecular recognition of human islet amyloid polypeptide assembly by selective oligomerization of thioflavin T. <i>Science Advances</i> , 2020, 6, eabc1449.	10.3	14
12	Drug-internalized bacterial swimmers for magnetically manipulable tumor-targeted drug delivery. <i>Nanoscale</i> , 2020, 12, 13513-13522.	5.6	11
13	A Protein Corona Adsorbed to a Bacterial Magnetosome Affects Its Cellular Uptake.	6.7	18
14	Switchable Ionic Rectifiers Based on Ferroelectric Nanopores. <i>ACS Applied Nano Materials</i> , 2020, 3, 1104-1110.	5.0	4
15	Efficient and Long-Lasting Current Rectification by Laminated Yet Separated, Oppositely Charged Monolayers. <i>ACS Applied Electronic Materials</i> , 2019, 1, 2295-2300.	4.3	9
16	On-Surface Crystallization Behaviors of H-Bond Donor-Acceptor Complexes at Liquid/Solid Interfaces. <i>Langmuir</i> , 2019, 35, 8935-8942.	3.5	4
17	Peptosome Coadministration Improves Nanoparticle Delivery to Tumors through NRP1-Mediated Co-Endocytosis. <i>Biomolecules</i> , 2019, 9, 172.	4.0	10
18	Bi-layer Adsorption of Porphyrin Molecules Substituted with Carboxylic Acid atop the NN4A Network Revealed by STM and DFT. <i>Langmuir</i> , 2019, 35, 4428-4434.	3.5	9

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19	Proteomic profiling of RAW264.7 macrophage cells exposed to graphene oxide: insights into acute cellular responses. <i>Nanotoxicology</i> , 2019, 13, 35-49.	3.0	17
20	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
21	Switchable counterion gradients around charged metallic nanoparticles enable reception of radio waves. <i>Science Advances</i> , 2018, 4, eaau3546.	10.3	16
22	Unravelling the Self-Assembly of Diketopyrrolopyrrole-Based Photovoltaic Molecules. <i>Langmuir</i> , 2018, 34, 11952-11959.	3.5	5
23	Conic shapes have higher sensitivity than cylindrical ones in nanopore DNA sequencing. <i>Scientific Reports</i> , 2018, 8, 9097.	3.3	18
24	Adsorption of helical and saddle-shaped oligothiophenes on solid surface. <i>Science China Chemistry</i> , 2018, 61, 844-849.	8.2	10
25	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
26	Polymer- α -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
27	Chiral Nanoparticle as a New Efficient Antimicrobial Nanoagent. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601011.	7.6	81
28	Tumor detection using magnetosome nanoparticles functionalized with a newly screened EGFR/HER2 targeting peptide. <i>Biomaterials</i> , 2017, 115, 53-64.	11.4	65
29	Peptide probes derived from pertuzumab by molecular dynamics modeling for HER2 positive tumor imaging. <i>PLoS Computational Biology</i> , 2017, 13, e1005441.	3.2	15
30	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
31	HER2 Targeting Peptides Screening and Applications in Tumor Imaging and Drug Delivery. <i>Theranostics</i> , 2016, 6, 1261-1273.	10.0	45
32	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
33	An Evaluation of Blood Compatibility of Silver Nanoparticles. <i>Scientific Reports</i> , 2016, 6, 25518.	3.3	157
34	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
35	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
36	Structure-based Design of Peptides with High Affinity and Specificity to HER2 Positive Tumors. <i>Theranostics</i> , 2015, 5, 1154-1165.	10.0	34

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37	Quantitative Proteomic Analysis of Cellular Resistance to the Nanoparticle Abraxane. ACS Nano, 2015, 9, 10099-10112.	14.6	40
38	Label-free detection microarray for novel peptide ligands screening base on MS&SPRi combination. Talanta, 2015, 134, 705-711.	5.5	13
39	Rapid Screening of Peptide Probes through <i>In Situ</i> Single-Bead Sequencing Microarray. Analytical Chemistry, 2014, 86, 11854-11859.	6.5	40
40	Bimodal Imprint Chips for Peptide Screening: Integration of High-Throughput Sequencing by MS and Affinity Analyses by Surface Plasmon Resonance Imaging. Analytical Chemistry, 2014, 86, 3703-3707.	6.5	27