

Fang Lan

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,004
citations

19
h-index

30
g-index

55
ext. papers

1,241
ext. citations

6.6
avg, IF

4.48
L-index

#	Paper	IF	Citations
50	Surfactant-free synthesis of covalent organic framework nanospheres in water at room temperature. <i>Journal of Colloid and Interface Science</i> , 2022 , 606, 1333-1339	9.3	3
49	Graphene oxide and mineralized collagen-functionalized dental implant abutment with effective soft tissue seal and remotely repeatable photodisinfection.. <i>International Journal of Energy Production and Management</i> , 2022 , 9, rbac024	5.3	3
48	Facile Preparation of a Lithium-Ion Battery Separator with Thermal Shutdown Function Based on Polypropylene/Polyethylene Microsphere Composites. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 18530-18539	3.9	3
47	In Situ Controllable Fabrication of Two-Dimensional Magnetic FeO/TiO@TiCT Composites for Highly Efficient Phosphopeptides Enrichment. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54665-54676	9.5	2
46	Rapid synthesis of magnetic polyimine nanospheres at room temperature for enrichment of endogenous C-peptide. <i>Colloids and Interface Science Communications</i> , 2021 , 42, 100390	5.4	
45	Magnetic polymer nanomaterials for sample pretreatment in proteomics. <i>Materials Advances</i> , 2021 , 2, 2200-2215	3.3	0
44	Intermolecular B-N coordination and multi-interaction synergism induced selective glycoprotein adsorption by phenylboronic acid-functionalized magnetic composites under acidic and neutral conditions. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 453-463	7.3	5
43	Metal-Organic Framework-Derived Hollow and Hierarchical Porous Multivariate Metal-Oxide Microspheres for Efficient Phosphoproteomics Analysis. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 34762-34772	9.5	1
42	Bifunctional magnetic covalent organic framework for simultaneous enrichment of phosphopeptides and glycopeptides. <i>Analytica Chimica Acta</i> , 2021 , 1177, 338761	6.6	4
41	Phytic acid functionalized magnetic bimetallic metal-organic frameworks for phosphopeptide enrichment. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 1811-1820	7.3	6
40	Construction of a magnetic covalent organic framework with synergistic affinity strategy for enhanced glycopeptide enrichment. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 6377-6386	7.3	5
39	The essential role of osteoclast-derived exosomes in magnetic nanoparticle-infiltrated hydroxyapatite scaffold modulated osteoblast proliferation in an osteoporosis model. <i>Nanoscale</i> , 2020 , 12, 8720-8726	7.7	19
38	PAMAM-PMAA brush-functionalized magnetic composite nanospheres: a smart nanoprobe with tunable selectivity for effective enrichment of mono-, multi-, or global phosphopeptides. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 1266-1276	7.3	14
37	Design of guanidyl-functionalized magnetic covalent organic framework for highly selective capture of endogenous phosphopeptides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1145, 122080	3.2	4
36	Complementary multiple hydrogen-bond-based magnetic composite microspheres for high coverage and efficient phosphopeptide enrichment in bio-samples. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 8414-8421	7.3	3
35	Two-staged time-dependent materials for the prevention of implant-related infections. <i>Acta Biomaterialia</i> , 2020 , 101, 128-140	10.8	20
34	Multifunctional luminescent immuno-magnetic nanoparticles: toward fast, efficient, cell-friendly capture and recovery of circulating tumor cells. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 393-400	7.3	25

33	Dynamic protein corona influences immune-modulating osteogenesis in magnetic nanoparticle (MNP)-infiltrated bone regeneration scaffolds in vivo. <i>Nanoscale</i> , 2019 , 11, 6817-6827	7.7	13
32	Multi-targeting magnetic hyaluronan capsules efficiently capturing circulating tumor cells. <i>Journal of Colloid and Interface Science</i> , 2019 , 545, 94-103	9.3	12
31	Leukocyte-Repelling Biomimetic Immunomagnetic Nanoplatform for High-Performance Circulating Tumor Cells Isolation. <i>Small</i> , 2019 , 15, e1900558	11	33
30	Boronic Acid-Functionalized Magnetic Metal-Organic Frameworks via a Dual-Ligand Strategy for Highly Efficient Enrichment of Phosphopeptides and Glycopeptides. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 6043-6052	8.3	59
29	Glutathione-Functionalized Magnetic Covalent Organic Framework Microspheres with Size Exclusion for Endogenous Glycopeptide Recognition in Human Saliva. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 47218-47226	9.5	26
28	Dopamine self-polymerized along with hydroxyapatite onto the preactivated titanium percutaneous implants surface to promote human gingival fibroblast behavior and antimicrobial activity for biological sealing. <i>Journal of Biomaterials Applications</i> , 2018 , 32, 1071-1082	2.9	19
27	Multi-affinity sites of magnetic guanidyl-functionalized metal-organic framework nanospheres for efficient enrichment of global phosphopeptides. <i>Nanoscale</i> , 2018 , 10, 8391-8396	7.7	46
26	pH-responsive superstructures prepared via the assembly of FeO amphipathic Janus nanoparticles. <i>International Journal of Energy Production and Management</i> , 2018 , 5, 251-259	5.3	3
25	Conformational changes of adsorbed and free proteins on magnetic nanoclusters. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 170, 664-672	6	16
24	PAMA-Arg brush-functionalized magnetic composite nanospheres for highly effective enrichment of phosphorylated biomolecules. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3969-3978	7.3	16
23	Immuno-modified superparamagnetic nanoparticles via host-guest interactions for high-purity capture and mild release of exosomes. <i>Nanoscale</i> , 2018 , 10, 14280-14289	7.7	53
22	Superparamagnetic nanocomposites based on surface imprinting for biomacromolecular recognition. <i>Materials Science and Engineering C</i> , 2017 , 70, 1076-1080	8.3	11
21	pH-Responsive magnetic nanospheres for the reversibly selective capture and release of glycoproteins. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 1236-1245	7.3	19
20	pH-Responsive magnetic metal-organic framework nanocomposites for selective capture and release of glycoproteins. <i>Nanoscale</i> , 2017 , 9, 527-532	7.7	40
19	Protein Corona of Magnetic Hydroxyapatite Scaffold Improves Cell Proliferation via Activation of Mitogen-Activated Protein Kinase Signaling Pathway. <i>ACS Nano</i> , 2017 , 11, 3690-3704	16.7	69
18	Polymer-entanglement-driven coassembly of hybrid superparamagnetic nanoparticles: Tunable structures and flexible functionalization. <i>Journal of Colloid and Interface Science</i> , 2017 , 508, 263-273	9.3	6
17	Uniform Superparamagnetic Fe ₃ O ₄ /CMCS Composite Nanospheres for Lysozyme Adsorption. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 2233-8	1.3	4
16	Ligand-Free Fe ₃ O ₄ /CMCS Nanoclusters with Negative Charges for Efficient Structure-Selective Protein Adsorption. <i>Small</i> , 2016 , 12, 2344-53	11	18

15	A magnetic-dependent protein corona of tailor-made superparamagnetic iron oxides alters their biological behaviors. <i>Nanoscale</i> , 2016 , 8, 7544-55	7.7	22
14	Protein Adsorption: Ligand-Free Fe ₃ O ₄ /CMCS Nanoclusters with Negative Charges for Efficient Structure-Selective Protein Adsorption (Small 17/2016). <i>Small</i> , 2016 , 12, 2248-2248	11	1
13	Synthesis of amphipathic superparamagnetic Fe ₃ O ₄ Janus nanoparticles via a moderate strategy and their controllable self-assembly. <i>RSC Advances</i> , 2016 , 6, 40450-40458	3.7	15
12	A colloidal assembly approach to synthesize magnetic porous composite nanoclusters for efficient protein adsorption. <i>Nanoscale</i> , 2015 , 7, 17617-22	7.7	17
11	Double-sided coordination assembly: superparamagnetic composite microspheres with layer-by-layer structure for protein separation. <i>RSC Advances</i> , 2014 , 4, 1055-1061	3.7	12
10	Hollow superparamagnetic PLGA/Fe ₃ O ₄ composite microspheres for lysozyme adsorption. <i>Nanotechnology</i> , 2014 , 25, 085702	3.4	16
9	Polyacrylic acid brushes grafted from P(St-AA)/Fe ₃ O ₄ composite microspheres via ARGET-ATRP in aqueous solution for protein immobilization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 413-8	6	21
8	Polydopamine-based superparamagnetic molecularly imprinted polymer nanospheres for efficient protein recognition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 123, 213-8	6	21
7	Synergic effect of magnetic nanoparticles on the electrospun aligned superparamagnetic nanofibers as a potential tissue engineering scaffold. <i>RSC Advances</i> , 2013 , 3, 879-886	3.7	26
6	Superparamagnetic Fe ₃ O ₄ /PMMA composite nanospheres as a nanoplatform for multimodal protein separation. <i>RSC Advances</i> , 2013 , 3, 1557-1563	3.7	23
5	Low aggregation magnetic polyethyleneimine complexes with different saturation magnetization for efficient gene transfection in vitro and in vivo. <i>RSC Advances</i> , 2013 , 3, 23571	3.7	13
4	Synthesis of superparamagnetic Fe ₃ O ₄ /PMMA/SiO ₂ nanorattles with periodic mesoporous shell for lysozyme adsorption. <i>Nanoscale</i> , 2012 , 4, 2264-7	7.7	40
3	Magnetic responsive hydroxyapatite composite scaffolds construction for bone defect repairment. <i>International Journal of Nanomedicine</i> , 2012 , 7, 3365-78	7.3	94
2	Facile synthesis of monodisperse superparamagnetic Fe ₃ O ₄ /PMMA composite nanospheres with high magnetization. <i>Nanotechnology</i> , 2011 , 22, 225604	3.4	42
1	The effect of [Fe ³⁺]/[Fe ²⁺] molar ratio and iron salts concentration on the properties of superparamagnetic iron oxide nanoparticles in the water/ethanol/toluene system. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 5135-5145	2.3	59