Zhiyuan Fan

List of Publications by Year
in descending order

20 papers	1,099 citations	567281 15 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	1862 citing authors

#	Article	IF	Citations
1	Hyaluronidase Embedded in Nanocarrier PEG Shell for Enhanced Tumor Penetration and Highly Efficient Antitumor Efficacy. Nano Letters, 2016, 16, 3268-3277.	9.1	227
2	Dense and Dynamic Polyethylene Glycol Shells Cloak Nanoparticles from Uptake by Liver Endothelial Cells for Long Blood Circulation. ACS Nano, 2018, 12, 10130-10141.	14.6	153
3	Synthesis and Properties of Fluorescence Dyes: Tetracyclic Pyrazolo[3,4-b]Pyridine-Based Coumarin Chromophores with Intramolecular Charge Transfer Character. Journal of Organic Chemistry, 2012, 77, 3475-3482.	3.2	126
4	A Facile Approach to Functionalize Cell Membrane-Coated Nanoparticles. Theranostics, 2016, 6, 1012-1022.	10.0	111
5	Block copolymer crystalsomes withÂan ultrathin shell to extend blood circulation time. Nature Communications, 2018, 9, 3005.	12.8	61
6	Cell membrane coating for reducing nanoparticle-induced inflammatory responses to scaffold constructs. Nano Research, 2018, 11, 5573-5583.	10.4	57
7	A new class of biological materials: Cell membrane-derived hydrogel scaffolds. Biomaterials, 2019, 197, 244-254.	11.4	55
8	A facile assay for direct colorimetric visualization of lipopolysaccharides at low nanomolar level. Nano Research, 2012, 5, 486-493.	10.4	54
9	Structural elucidation of cell membrane-derived nanoparticles using molecular probes. Journal of Materials Chemistry B, 2014, 2, 8231-8238.	5.8	42
10	Cell Membrane Bioconjugation and Membrane-Derived Nanomaterials for Immunotherapy. Bioconjugate Chemistry, 2018, 29, 624-634.	3.6	37
11	PEGylation enables subcutaneously administered nanoparticles to induce antigen-specific immune tolerance. Journal of Controlled Release, 2021, 331, 164-175.	9.9	31
12	Highly sensitive and selective colorimetric visualization of streptomycin in raw milk using Au nanoparticles supramolecular assembly. Chemical Communications, 2011, 47, 9888.	4.1	30
13	Applications of biomaterials for immunosuppression in tissue repair and regeneration. Acta Biomaterialia, 2021, 126, 31-44.	8.3	27
14	Engineering long-circulating nanomaterial delivery systems. Current Opinion in Biotechnology, 2020, 66, 131-139.	6.6	24
15	Tailoring the physicochemical properties of nanomaterials for immunomodulation. Advanced Drug Delivery Reviews, 2022, 180, 114039.	13.7	19
16	Longâ€Term Recruitment of Endogenous M2 Macrophages by Platelet Lysateâ€Rich Plasma Macroporous Hydrogel Scaffold for Articular Cartilage Defect Repair. Advanced Healthcare Materials, 2022, 11, e2101661.	7.6	19
17	Ruthenium(II) complex-based fluorescent sensor for peroxynitrite. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 94, 340-345.	3.9	14
18	A chromo- and fluorogenic sensor for probing the cancer biomarker lysophosphatidic acid. Analyst, The, 2012, 137, 1853.	3.5	9

#	Article	IF	Citations
19	Slippery Nanoparticles as a Diffusion Platform for Mucin Producing Gastrointestinal Tumors. Annals of Surgical Oncology, 2020, 27, 76-84.	1.5	2
20	Thiol-selective sensor based on intramolecular energy transfer between a bichromophoric system. Tetrahedron, 2013, 69, 4536-4540.	1.9	1