

# Zhiyuan Fan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5401744/publications.pdf>

Version: 2024-02-01

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	Tailoring the physicochemical properties of nanomaterials for immunomodulation. <i>Advanced Drug Delivery Reviews</i> , 2022, 180, 114039.	13.7	19
2	Long-Term Recruitment of Endogenous M2 Macrophages by Platelet Lysate-Rich Plasma Macroporous Hydrogel Scaffold for Articular Cartilage Defect Repair. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101661.	7.6	19
3	PEGylation enables subcutaneously administered nanoparticles to induce antigen-specific immune tolerance. <i>Journal of Controlled Release</i> , 2021, 331, 164-175.	9.9	31
4	Applications of biomaterials for immunosuppression in tissue repair and regeneration. <i>Acta Biomaterialia</i> , 2021, 126, 31-44.	8.3	27
5	Slippery Nanoparticles as a Diffusion Platform for Mucin Producing Gastrointestinal Tumors. <i>Annals of Surgical Oncology</i> , 2020, 27, 76-84.	1.5	2
6	Engineering long-circulating nanomaterial delivery systems. <i>Current Opinion in Biotechnology</i> , 2020, 66, 131-139.	6.6	24
7	A new class of biological materials: Cell membrane-derived hydrogel scaffolds. <i>Biomaterials</i> , 2019, 197, 244-254.	11.4	55
8	Cell Membrane Bioconjugation and Membrane-Derived Nanomaterials for Immunotherapy. <i>Bioconjugate Chemistry</i> , 2018, 29, 624-634.	3.6	37
9	Block copolymer crystalsomes with an ultrathin shell to extend blood circulation time. <i>Nature Communications</i> , 2018, 9, 3005.	12.8	61
10	Cell membrane coating for reducing nanoparticle-induced inflammatory responses to scaffold constructs. <i>Nano Research</i> , 2018, 11, 5573-5583.	10.4	57
11	Dense and Dynamic Polyethylene Glycol Shells Cloak Nanoparticles from Uptake by Liver Endothelial Cells for Long Blood Circulation. <i>ACS Nano</i> , 2018, 12, 10130-10141.	14.6	153
12	A Facile Approach to Functionalize Cell Membrane-Coated Nanoparticles. <i>Theranostics</i> , 2016, 6, 1012-1022.	10.0	111
13	Hyaluronidase Embedded in Nanocarrier PEG Shell for Enhanced Tumor Penetration and Highly Efficient Antitumor Efficacy. <i>Nano Letters</i> , 2016, 16, 3268-3277.	9.1	227
14	Structural elucidation of cell membrane-derived nanoparticles using molecular probes. <i>Journal of Materials Chemistry B</i> , 2014, 2, 8231-8238.	5.8	42
15	Thiol-selective sensor based on intramolecular energy transfer between a bichromophoric system. <i>Tetrahedron</i> , 2013, 69, 4536-4540.	1.9	1
16	Synthesis and Properties of Fluorescence Dyes: Tetracyclic Pyrazolo[3,4- <i>b</i> ]pyridine-Based Coumarin Chromophores with Intramolecular Charge Transfer Character. <i>Journal of Organic Chemistry</i> , 2012, 77, 3475-3482.	3.2	126
17	A chromo- and fluorogenic sensor for probing the cancer biomarker lysophosphatidic acid. <i>Analyst</i> , 2012, 137, 1853.	3.5	9
18	A facile assay for direct colorimetric visualization of lipopolysaccharides at low nanomolar level. <i>Nano Research</i> , 2012, 5, 486-493.	10.4	54

#	ARTICLE	IF	CITATIONS
19	Ruthenium(II) complex-based fluorescent sensor for peroxydinitrite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 94, 340-345.	3.9	14
20	Highly sensitive and selective colorimetric visualization of streptomycin in raw milk using Au nanoparticles supramolecular assembly. <i>Chemical Communications</i> , 2011, 47, 9888.	4.1	30