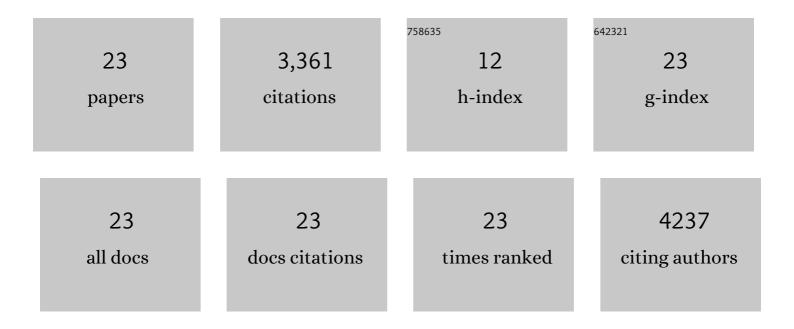
## Lei Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/217490/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Membrane transporters in drug development. Nature Reviews Drug Discovery, 2010, 9, 215-236.	21.5	2,886
2	Engineering Exosome-Like Nanovesicles Derived from Asparagus cochinchinensis Can Inhibit the Proliferation of Hepatocellular Carcinoma Cells with Better Safety Profile. International Journal of Nanomedicine, 2021, Volume 16, 1575-1586.	3.3	75
3	Histidine-Rich Cell-Penetrating Peptide for Cancer Drug Delivery and Its Uptake Mechanism. Langmuir, 2019, 35, 3513-3523.	1.6	45
4	Surface-assisted assembly of a histidine-rich lipidated peptide for simultaneous exfoliation of graphite and functionalization of graphene nanosheets. Nanoscale, 2019, 11, 2999-3012.	2.8	39
5	Effect of Cholesterol on Cellular Uptake of Cancer Drugs Pirarubicin and Ellipticine. Journal of Physical Chemistry B, 2016, 120, 3148-3156.	1.2	38
6	Development of Hydrophilic Drug Encapsulation and Controlled Release Using a Modified Nanoprecipitation Method. Processes, 2019, 7, 331.	1.3	36
7	Nanoencapsulation of anthocyanin by an amphiphilic peptide for stability enhancement. Food Hydrocolloids, 2021, 118, 106741.	5.6	36
8	Self-assembling peptide for co-delivery of HIV-1 CD8+ T cells epitope and Toll-like receptor 7/8 agonists R848 to induce maturation of monocyte derived dendritic cell and augment polyfunctional cytotoxic T lymphocyte (CTL) response. Journal of Controlled Release, 2016, 236, 22-30.	4.8	34
9	Enhanced physicochemical stabilities of cyanidin-3-O-glucoside via combination with silk fibroin peptide. Food Chemistry, 2021, 355, 129479.	4.2	25
10	Physicochemical stability-increasing effects of anthocyanin via a co-assembly approach with an amphiphilic peptide. Food Chemistry, 2021, 362, 130101.	4.2	24
11	Design and Characterization of a Multifunctional pHâ€Triggered Peptide C8 for Selective Anticancer Activity. Advanced Healthcare Materials, 2015, 4, 2709-2718.	3.9	23
12	Charge and Coordination Directed Liposome Fusion onto SiO <sub>2</sub> and TiO <sub>2</sub> Nanoparticles. Langmuir, 2019, 35, 1672-1681.	1.6	19
13	Interfacial Superassembly of Mesoporous Titania Nanopillar-Arrays/Alumina Oxide Heterochannels for Light- and pH-Responsive Smart Ion Transport. ACS Central Science, 2022, 8, 361-369.	5.3	14
14	Skin-Inspired Packaging of Injectable Hydrogel Sensors Enabled by Photopolymerizable and Swellable Hydrogels toward Sustainable Electronics. ACS Sustainable Chemistry and Engineering, 2022, 10, 6657-6666.	3.2	12
15	Insight into the role of cholesterol in modulation of morphology and mechanical properties of CHO-K1 cells: An in situ AFM study. Frontiers of Chemical Science and Engineering, 2019, 13, 98-107.	2.3	11
16	Targeted delivery of cancer drug paclitaxel to chordomas tumor cells via an RNA nanoparticle harboring an EGFR aptamer. Colloids and Surfaces B: Biointerfaces, 2022, 212, 112366.	2.5	11
17	Interfacially Super-Assembled Tyramine-Modified Mesoporous Silica-Alumina Oxide Heterochannels for Label-Free Tyrosinase Detection. Analytical Chemistry, 2022, 94, 2589-2596.	3.2	10
18	An amphipathic lytic peptide for enhanced and selective delivery of ellipticine. Journal of Materials Chemistry B, 2016, 4, 4348-4355.	2.9	5

Lei Zhang

#	Article	IF	CITATIONS
19	Targeting Indoleamine 2,3-Dioxygenase 1: Fighting Cancers via Dormancy Regulation. Frontiers in Immunology, 2021, 12, 725204.	2.2	5
20	Amphiphilic-molecular templated porous β-MnO2 for high-performance rechargeable aqueous Zn-MnO2 batteries. Electrochimica Acta, 2022, 424, 140646.	2.6	5
21	Feeding Alginate-Coated Liquid Metal Nanodroplets to Silkworms for Highly Stretchable Silk Fibers. Nanomaterials, 2022, 12, 1177.	1.9	3
22	Patient-Derived Organoid Model in the Prediction of Chemotherapeutic Drug Response in Colorectal Cancer. ACS Biomaterials Science and Engineering, 2022, 8, 3515-3525.	2.6	3
23	Activity Characteristics and Tyrosinase Inhibition Mechanism of a Silk Fibroin Oligopeptide and Cordyceps Polysaccharide Composite. International Journal of Peptide Research and Therapeutics, 2020, 26, 1913-1921.	0.9	2