

# Lei Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/217490/publications.pdf>

Version: 2024-02-01

23  
papers

3,361  
citations

758635

12  
h-index

642321

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

4237  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted delivery of cancer drug paclitaxel to chordomas tumor cells via an RNA nanoparticle harboring an EGFR aptamer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 212, 112366.	2.5	11
2	Interfacial Superassembly of Mesoporous Titania Nanopillar-Arrays/Alumina Oxide Heterochannels for Light- and pH-Responsive Smart Ion Transport. <i>ACS Central Science</i> , 2022, 8, 361-369.	5.3	14
3	Feeding Alginate-Coated Liquid Metal Nanodroplets to Silkworms for Highly Stretchable Silk Fibers. <i>Nanomaterials</i> , 2022, 12, 1177.	1.9	3
4	Interfacially Super-Assembled Tyramine-Modified Mesoporous Silica-Alumina Oxide Heterochannels for Label-Free Tyrosinase Detection. <i>Analytical Chemistry</i> , 2022, 94, 2589-2596.	3.2	10
5	Skin-Inspired Packaging of Injectable Hydrogel Sensors Enabled by Photopolymerizable and Swellable Hydrogels toward Sustainable Electronics. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 6657-6666.	3.2	12
6	Amphiphilic-molecular templated porous $\beta$ -MnO <sub>2</sub> for high-performance rechargeable aqueous Zn-MnO <sub>2</sub> batteries. <i>Electrochimica Acta</i> , 2022, 424, 140646.	2.6	5
7	Patient-Derived Organoid Model in the Prediction of Chemotherapeutic Drug Response in Colorectal Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3515-3525.	2.6	3
8	Engineering Exosome-Like Nanovesicles Derived from <i>Asparagus cochinchinensis</i> Can Inhibit the Proliferation of Hepatocellular Carcinoma Cells with Better Safety Profile. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1575-1586.	3.3	75
9	Nanoencapsulation of anthocyanin by an amphiphilic peptide for stability enhancement. <i>Food Hydrocolloids</i> , 2021, 118, 106741.	5.6	36
10	Targeting Indoleamine 2,3-Dioxygenase 1: Fighting Cancers via Dormancy Regulation. <i>Frontiers in Immunology</i> , 2021, 12, 725204.	2.2	5
11	Enhanced physicochemical stabilities of cyanidin-3-O-glucoside via combination with silk fibroin peptide. <i>Food Chemistry</i> , 2021, 355, 129479.	4.2	25
12	Physicochemical stability-increasing effects of anthocyanin via a co-assembly approach with an amphiphilic peptide. <i>Food Chemistry</i> , 2021, 362, 130101.	4.2	24
13	Activity Characteristics and Tyrosinase Inhibition Mechanism of a Silk Fibroin Oligopeptide and Cordyceps Polysaccharide Composite. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 1913-1921.	0.9	2
14	Insight into the role of cholesterol in modulation of morphology and mechanical properties of CHO-K1 cells: An in situ AFM study. <i>Frontiers of Chemical Science and Engineering</i> , 2019, 13, 98-107.	2.3	11
15	Histidine-Rich Cell-Penetrating Peptide for Cancer Drug Delivery and Its Uptake Mechanism. <i>Langmuir</i> , 2019, 35, 3513-3523.	1.6	45
16	Surface-assisted assembly of a histidine-rich lipidated peptide for simultaneous exfoliation of graphite and functionalization of graphene nanosheets. <i>Nanoscale</i> , 2019, 11, 2999-3012.	2.8	39
17	Development of Hydrophilic Drug Encapsulation and Controlled Release Using a Modified Nanoprecipitation Method. <i>Processes</i> , 2019, 7, 331.	1.3	36
18	Charge and Coordination Directed Liposome Fusion onto SiO <sub>2</sub> and TiO <sub>2</sub> Nanoparticles. <i>Langmuir</i> , 2019, 35, 1672-1681.	1.6	19

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19	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. <i>Journal of Controlled Release</i> , 2016, 236, 22-30.	4.8	34
20	Effect of Cholesterol on Cellular Uptake of Cancer Drugs Pirarubicin and Ellipticine. <i>Journal of Physical Chemistry B</i> , 2016, 120, 3148-3156.	1.2	38
21	An amphipathic lytic peptide for enhanced and selective delivery of ellipticine. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4348-4355.	2.9	5
22	Design and Characterization of a Multifunctional pH-Triggered Peptide C8 for Selective Anticancer Activity. <i>Advanced Healthcare Materials</i> , 2015, 4, 2709-2718.	3.9	23
23	Membrane transporters in drug development. <i>Nature Reviews Drug Discovery</i> , 2010, 9, 215-236.	21.5	2,886