

# Feng Wan

## List of Publications by Year in descending order

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29  
papers

1,277  
citations

331670

21  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle-mediated pulmonary drug delivery: state of the art towards efficient treatment of recalcitrant respiratory tract bacterial infections. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1634-1654.	5.8	33
2	Particle engineering principles and technologies for pharmaceutical biologics. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 140-167.	13.7	36
3	Ultrasml TPGS-PLGA Hybrid Nanoparticles for Site-Specific Delivery of Antibiotics into <i>Pseudomonas aeruginosa</i> Biofilms in Lungs. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 380-389.	8.0	57
4	A free-floating mucin layer to investigate the effect of the local microenvironment in lungs on mucin-nanoparticle interactions. <i>Acta Biomaterialia</i> , 2020, 104, 115-123.	8.3	19
5	Swelling of mucoadhesive electrospun chitosan/polyethylene oxide nanofibers facilitates adhesion to the sublingual mucosa. <i>Carbohydrate Polymers</i> , 2020, 242, 116428.	10.2	34
6	Quality by design thinking in the development of long-acting injectable PLGA/PLA-based microspheres for peptide and protein drug delivery. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119441.	5.2	56
7	Synthesis of carbon quantum dot-poly lactic-co-glycolic acid hybrid nanoparticles for chemo-photothermal therapy against bacterial biofilms. <i>Journal of Colloid and Interface Science</i> , 2020, 577, 66-74.	9.4	38
8	Utilizing nanoparticles for improving anti-biofilm effects of azithromycin: A head-to-head comparison of modified hyaluronic acid nanogels and coated poly (lactic-co-glycolic acid) nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2019, 555, 595-606.	9.4	42
9	In vivo evaluation of solid lipid microparticles and hybrid polymer-lipid microparticles for sustained delivery of leuprolide. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 315-321.	4.3	9
10	Qualitative and quantitative analysis of the biophysical interaction of inhaled nanoparticles with pulmonary surfactant by using quartz crystal microbalance with dissipation monitoring. <i>Journal of Colloid and Interface Science</i> , 2019, 545, 162-171.	9.4	21
11	Encapsulation and release of doxycycline from electrospay-generated PLGA microspheres: Effect of polymer end groups. <i>International Journal of Pharmaceutics</i> , 2019, 564, 1-9.	5.2	63
12	Lipid Shell-Enveloped Polymeric Nanoparticles with High Integrity of Lipid Shells Improve Mucus Penetration and Interaction with Cystic Fibrosis-Related Bacterial Biofilms. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 10678-10687.	8.0	21
13	Lipid and PLGA hybrid microparticles as carriers for protein delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 65-72.	3.0	20
14	The role of mucus as an invisible cloak to transepithelial drug delivery by nanoparticles. <i>Advanced Drug Delivery Reviews</i> , 2018, 124, 107-124.	13.7	85
15	Ciprofloxacin-loaded sodium alginate/poly (lactic-co-glycolic acid) electrospun fibrous mats for wound healing. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 123, 42-49.	4.3	103
16	Effect of excipients on encapsulation and release of insulin from spray-dried solid lipid microparticles. <i>International Journal of Pharmaceutics</i> , 2018, 550, 439-446.	5.2	15
17	Insight into Nanoscale Network of Spray-Dried Polymeric Particles: Role of Polymer Molecular Conformation. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 36686-36692.	8.0	8
18	Design of PLGA-based depot delivery systems for biopharmaceuticals prepared by spray drying. <i>International Journal of Pharmaceutics</i> , 2016, 498, 82-95.	5.2	75

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19	Sustained release donepezil loaded PLGA microspheres for injection: Preparation, in vitro and in vivo study. <i>Asian Journal of Pharmaceutical Sciences</i> , 2015, 10, 405-414.	9.1	80
20	Formulation Strategies and Particle Engineering Technologies for Pulmonary Delivery of Biopharmaceuticals. <i>Current Pharmaceutical Design</i> , 2015, 21, 2599-2610.	1.9	16
21	Nanoembedded Microparticles for Stabilization and Delivery of Drug-Loaded Nanoparticles. <i>Current Pharmaceutical Design</i> , 2015, 21, 5829-5844.	1.9	34
22	One-Step Production of Protein-Loaded PLGA Microparticles via Spray Drying Using 3-Fluid Nozzle. <i>Pharmaceutical Research</i> , 2014, 31, 1967-1977.	3.5	41
23	Modulating Protein Release Profiles by Incorporating Hyaluronic Acid into PLGA Microparticles Via a Spray Dryer Equipped with a 3-Fluid Nozzle. <i>Pharmaceutical Research</i> , 2014, 31, 2940-2951.	3.5	24
24	Impact of PLGA molecular behavior in the feed solution on the drug release kinetics of spray dried microparticles. <i>Polymer</i> , 2013, 54, 5920-5927.	3.8	24
25	Critical Solvent Properties Affecting the Particle Formation Process and Characteristics of Celecoxib-Loaded PLGA Microparticles via Spray-Drying. <i>Pharmaceutical Research</i> , 2013, 30, 1065-1076.	3.5	59
26	Particle formation and characteristics of Celecoxib-loaded poly(lactic-co-glycolic acid) microparticles prepared in different solvents using electrospraying. <i>Polymer</i> , 2012, 53, 3220-3229.	3.8	49
27	Design space approach in the optimization of the spray-drying process. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 226-234.	4.3	138
28	Quality by design approach in the optimization of the spray-drying process. <i>Pharmaceutical Development and Technology</i> , 2012, 17, 389-397.	2.4	50
29	Encapsulation of azithromycin into polymeric microspheres by reduced pressure-solvent evaporation method. <i>International Journal of Pharmaceutics</i> , 2012, 433, 79-88.	5.2	27