

Qingguo Xu

List of Publications by Year in descending order

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34
papers

5,811
citations

304743

22
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

10122
citing authors

#	ARTICLE	IF	CITATIONS
1	3D engineering for optic neuropathy treatment. <i>Drug Discovery Today</i> , 2021, 26, 181-188.	6.4	1
2	Shear-Thinning Viscous Materials for Subconjunctival Injection of Microparticles. <i>AAPS PharmSciTech</i> , 2021, 22, 8.	3.3	5
3	Neutrophil Extracellular Traps Increase Airway Mucus Viscoelasticity and Slow Mucus Particle Transit. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 69-78.	2.9	23
4	Impact of Membranes on In Vitro Release Assessment: a Case Study Using Dexamethasone. <i>AAPS PharmSciTech</i> , 2021, 22, 42.	3.3	4
5	LC-MS/MS method for simultaneous quantification of dexamethasone and tobramycin in rabbit ocular biofluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1170, 122610.	2.3	3
6	Sunitinib malate-loaded biodegradable microspheres for the prevention of corneal neovascularization in rats. <i>Journal of Controlled Release</i> , 2020, 327, 456-466.	9.9	23
7	Dry powder aerosol containing muco-inert particles for excipient enhanced growth pulmonary drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102262.	3.3	11
8	Presence of Posterior Staphyloma in Congenital Cataract Children. <i>Current Eye Research</i> , 2019, 44, 1319-1324.	1.5	7
9	Evaluation of co-delivery of colistin and ciprofloxacin in liposomes using an in vitro human lung epithelial cell model. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118616.	5.2	23
10	Controlled release of dexamethasone sodium phosphate with biodegradable nanoparticles for preventing experimental corneal neovascularization. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 119-123.	3.3	33
11	Upregulation of the Glutaminase II Pathway Contributes to Glutamate Production upon Glutaminase 1 Inhibition in Pancreatic Cancer. <i>Proteomics</i> , 2019, 19, e1800451.	2.2	36
12	Therapeutic implications of nanomedicine for ocular drug delivery. <i>Drug Discovery Today</i> , 2019, 24, 1524-1538.	6.4	85
13	Fenofibrate-Loaded Biodegradable Nanoparticles for the Treatment of Experimental Diabetic Retinopathy and Neovascular Age-Related Macular Degeneration. <i>Molecular Pharmaceutics</i> , 2019, 16, 1958-1970.	4.6	72
14	Controlled release of corticosteroid with biodegradable nanoparticles for treating experimental autoimmune uveitis. <i>Journal of Controlled Release</i> , 2019, 296, 68-80.	9.9	50
15	Effects of enzymatic degradation on dynamic mechanical properties of the vitreous and intravitreal nanoparticle mobility. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 118, 124-133.	4.0	19
16	Immunomodulation-accelerated neuronal regeneration following selective rod photoreceptor cell ablation in the zebrafish retina. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3719-E3728.	7.1	155
17	Nanoparticles that do not adhere to mucus provide uniform and long-lasting drug delivery to airways following inhalation. <i>Science Advances</i> , 2017, 3, e1601556.	10.3	219
18	Development of Absorbable, Antibiotic-Eluting Sutures for Ophthalmic Surgery. <i>Translational Vision Science and Technology</i> , 2017, 6, 1.	2.2	20

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19	Nanoparticles coated with high molecular weight PEG penetrate mucus and provide uniform vaginal and colorectal distribution <i>in vivo</i> . <i>Nanomedicine</i> , 2016, 11, 1337-1343.	3.3	107
20	Combination therapy with BPTES nanoparticles and metformin targets the metabolic heterogeneity of pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5328-36.	7.1	180
21	PEGylation as a strategy for improving nanoparticle-based drug and gene delivery. <i>Advanced Drug Delivery Reviews</i> , 2016, 99, 28-51.	13.7	2,748
22	Liposome-based mucus-penetrating particles (MPP) for mucosal theranostics: Demonstration of diamagnetic chemical exchange saturation transfer (diaCEST) magnetic resonance imaging (MRI). <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 401-405.	3.3	44
23	Corticosteroid-loaded biodegradable nanoparticles for prevention of corneal allograft rejection in rats. <i>Journal of Controlled Release</i> , 2015, 201, 32-40.	9.9	75
24	Impact of Surface Polyethylene Glycol (PEG) Density on Biodegradable Nanoparticle Transport in Mucus <i>ex Vivo</i> and Distribution <i>in Vivo</i> . <i>ACS Nano</i> , 2015, 9, 9217-9227.	14.6	425
25	Brain-Penetrating Nanoparticles Improve Paclitaxel Efficacy in Malignant Glioma Following Local Administration. <i>ACS Nano</i> , 2014, 8, 10655-10664.	14.6	215
26	Scalable method to produce biodegradable nanoparticles that rapidly penetrate human mucus. <i>Journal of Controlled Release</i> , 2013, 170, 279-286.	9.9	108
27	Nanoparticle diffusion in, and microrheology of, the bovine vitreous <i>ex vivo</i> . <i>Journal of Controlled Release</i> , 2013, 167, 76-84.	9.9	233
28	Nanotechnology approaches for ocular drug delivery. <i>Middle East African Journal of Ophthalmology</i> , 2013, 20, 26.	0.3	97
29	A Dense Poly(Ethylene Glycol) Coating Improves Penetration of Large Polymeric Nanoparticles Within Brain Tissue. <i>Science Translational Medicine</i> , 2012, 4, 149ra119.	12.4	506
30	Systematic assessment of microneedle injection into the mouse cornea. <i>European Journal of Medical Research</i> , 2012, 17, 19.	2.2	18
31	Preparation and characterization of negatively charged poly(lactic-co-glycolic acid) microspheres. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 2377-2389.	3.3	42
32	Controlled release of amoxicillin from hydroxyapatite-coated poly(lactic-co-glycolic acid) microspheres. <i>Journal of Controlled Release</i> , 2008, 127, 146-153.	9.9	103
33	Drug Delivery Systems Based on Hydroxyapaptite-coated Poly(lactic-co-glycolic acid) Microspheres. <i>Materials Research Society Symposia Proceedings</i> , 2007, 1063, 1.	0.1	0
34	Encapsulation and release of a hydrophobic drug from hydroxyapatite coated liposomes. <i>Biomaterials</i> , 2007, 28, 2687-2694.	11.4	121