

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	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
2	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
3	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
4	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
5	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
6	Brain-Penetrating Nanoparticles Improve Paclitaxel Efficacy in Malignant Glioma Following Local Administration. <i>ACS Nano</i> , 2014, 8, 10655-10664.	14.6	215
7	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
8	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
9	Encapsulation and release of a hydrophobic drug from hydroxyapatite coated liposomes. <i>Biomaterials</i> , 2007, 28, 2687-2694.	11.4	121
10	Scalable method to produce biodegradable nanoparticles that rapidly penetrate human mucus. <i>Journal of Controlled Release</i> , 2013, 170, 279-286.	9.9	108
11	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
12	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
13	Nanotechnology approaches for ocular drug delivery. <i>Middle East African Journal of Ophthalmology</i> , 2013, 20, 26.	0.3	97
14	Therapeutic implications of nanomedicine for ocular drug delivery. <i>Drug Discovery Today</i> , 2019, 24, 1524-1538.	6.4	85
15	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
16	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
17	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
18	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

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19	Preparation and characterization of negatively charged poly(lactic-co-glycolic acid) microspheres. Journal of Pharmaceutical Sciences, 2009, 98, 2377-2389.	3.3	42
20	Upregulation of the Glutaminase II Pathway Contributes to Glutamate Production upon Glutaminase 1 Inhibition in Pancreatic Cancer. Proteomics, 2019, 19, e1800451.	2.2	36
21	Controlled release of dexamethasone sodium phosphate with biodegradable nanoparticles for preventing experimental corneal neovascularization. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 17, 119-123.	3.3	33
22	Evaluation of co-delivery of colistin and ciprofloxacin in liposomes using an in vitro human lung epithelial cell model. International Journal of Pharmaceutics, 2019, 569, 118616.	5.2	23
23	Sunitinib malate-loaded biodegradable microspheres for the prevention of corneal neovascularization in rats. Journal of Controlled Release, 2020, 327, 456-466.	9.9	23
24	Neutrophil Extracellular Traps Increase Airway Mucus Viscoelasticity and Slow Mucus Particle Transit. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 69-78.	2.9	23
25	Development of Absorbable, Antibiotic-Eluting Sutures for Ophthalmic Surgery. Translational Vision Science and Technology, 2017, 6, 1.	2.2	20
26	Effects of enzymatic degradation on dynamic mechanical properties of the vitreous and intravitreal nanoparticle mobility. European Journal of Pharmaceutical Sciences, 2018, 118, 124-133.	4.0	19
27	Systematic assessment of microneedle injection into the mouse cornea. European Journal of Medical Research, 2012, 17, 19.	2.2	18
28	Dry powder aerosol containing muco-inert particles for excipient enhanced growth pulmonary drug delivery. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102262.	3.3	11
29	Presence of Posterior Staphyloma in Congenital Cataract Children. Current Eye Research, 2019, 44, 1319-1324.	1.5	7
30	Shear-Thinning Viscous Materials for Subconjunctival Injection of Microparticles. AAPS PharmSciTech, 2021, 22, 8.	3.3	5
31	Impact of Membranes on In Vitro Release Assessment: a Case Study Using Dexamethasone. AAPS PharmSciTech, 2021, 22, 42.	3.3	4
32	LC-MS/MS method for simultaneous quantification of dexamethasone and tobramycin in rabbit ocular biofluids. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1170, 122610.	2.3	3
33	3D engineering for optic neuropathy treatment. Drug Discovery Today, 2021, 26, 181-188.	6.4	1
34	Drug Delivery Systems Based on Hydroxyapatite-coated Poly(lactic-co-glycolic acid) Microspheres. Materials Research Society Symposia Proceedings, 2007, 1063, 1.	0.1	0