

Oliver Germershaus

List of Publications by Year in descending order

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38
papers

2,231
citations

304368

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38
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38
all docs

38
docs citations

38
times ranked

3673
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparing Physical Container Closure Integrity Test Methods and Artificial Leak Methodologies. PDA Journal of Pharmaceutical Science and Technology, 2019, 73, 220-234.	0.3	6
2	Surface modification of nanofibrous matrices via layer-by-layer functionalized silk assembly for mitigating the foreign body reaction. Biomaterials, 2018, 164, 22-37.	5.7	78
3	Container Closure Integrity Testing of Prefilled Syringes. Journal of Pharmaceutical Sciences, 2018, 107, 2091-2097.	1.6	11
4	Methods To Determine the Silicone Oil Layer Thickness in Sprayed-On Siliconized Syringes. PDA Journal of Pharmaceutical Science and Technology, 2018, 72, 278-297.	0.3	8
5	Effects of Silk Degumming Process on Physicochemical, Tensile, and Optical Properties of Regenerated Silk Fibroin. Macromolecular Materials and Engineering, 2018, 303, 1800408.	1.7	28
6	Matrix metalloprotease triggered bioresponsive drug delivery systems – Design, synthesis and application. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 131, 189-202.	2.0	17
7	Silk fibroin degumming affects scaffold structure and release of macromolecular drugs. European Journal of Pharmaceutical Sciences, 2017, 106, 254-261.	1.9	30
8	Surface functionalization allowing repetitive use of optical sensors for real-time detection of antibody-bacteria interaction. Journal of Biophotonics, 2016, 9, 730-737.	1.1	6
9	Recent advances in crystalline and amorphous particulate protein formulations for controlled delivery. Asian Journal of Pharmaceutical Sciences, 2016, 11, 469-477.	4.3	20
10	Localized, non-viral delivery of nucleic acids: Opportunities, challenges and current strategies. Asian Journal of Pharmaceutical Sciences, 2015, 10, 159-175.	4.3	18
11	Predicting critical micelle concentration and micelle molecular weight of polysorbate 80 using compendial methods. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 559-568.	2.0	33
12	Application of natural and semi-synthetic polymers for the delivery of sensitive drugs. International Materials Reviews, 2015, 60, 101-131.	9.4	53
13	The effect of silk gland sericin protein incorporation into electrospun polycaprolactone nanofibers on in vitro and in vivo characteristics. Journal of Materials Chemistry B, 2015, 3, 859-870.	2.9	15
14	Influence of salt type and ionic strength on self-assembly of dextran sulfate-ciprofloxacin nanoplexes. International Journal of Pharmaceutics, 2015, 486, 21-29.	2.6	11
15	Fatty acid composition analysis in polysorbate 80 with high performance liquid chromatography coupled to charged aerosol detection. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 569-574.	2.0	44
16	Simple and rapid high performance liquid chromatography method for the determination of polidocanol as bulk product and in pharmaceutical polymer matrices using charged aerosol detection. Journal of Pharmaceutical and Biomedical Analysis, 2015, 104, 17-20.	1.4	6
17	Protein release from electrospun nonwovens: Improving the release characteristics through rational combination of polyester blend matrices with polidocanol. International Journal of Pharmaceutics, 2014, 477, 273-281.	2.6	12
18	Controlled Protein Delivery from Electrospun Non-Wovens: Novel Combination of Protein Crystals and a Biodegradable Release Matrix. Molecular Pharmaceutics, 2014, 11, 2372-2380.	2.3	23

#	ARTICLE	IF	CITATIONS
19	Deciphering the mechanism of protein interaction with silk fibroin for drug delivery systems. <i>Biomaterials</i> , 2014, 35, 3427-3434.	5.7	30
20	Silk fibroin layer-by-layer microcapsules for localized gene delivery. <i>Biomaterials</i> , 2014, 35, 7929-7939.	5.7	72
21	Decoration of silk fibroin by click chemistry for biomedical application. <i>Journal of Structural Biology</i> , 2014, 186, 420-430.	1.3	56
22	Ex Vivo Human Trabecular Bone Model for Biocompatibility Evaluation of Calcium Phosphate Composites Modified with Spray Dried Biodegradable Microspheres. <i>Advanced Healthcare Materials</i> , 2013, 2, 1361-1369.	3.9	8
23	Understanding the Freezing of Biopharmaceuticals: First-Principle Modeling of the Process and Evaluation of Its Effect on Product Quality. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 2495-2507.	1.6	26
24	Insulin-like growth factor-I aerosol formulations for pulmonary delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 61-68.	2.0	25
25	Electrospun matrices for localized drug delivery: Current technologies and selected biomedical applications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 1-13.	2.0	241
26	Bone targeting for the treatment of osteoporosis. <i>Journal of Controlled Release</i> , 2012, 161, 198-213.	4.8	79
27	Imidazole and Dimethyl Aminopropyl-Functionalized Hyperbranched Polymers for Nucleic Acid Transfection. <i>Macromolecular Bioscience</i> , 2010, 10, 1055-1062.	2.1	7
28	Integrin $\alpha_5\beta_3$ Targeted Gene Delivery Using RGD Peptidomimetic Conjugates with Copolymers of PEGylated Poly(ethylene imine). <i>Bioconjugate Chemistry</i> , 2009, 20, 1270-1280.	1.8	39
29	Influence of morphology and drug distribution on the release process of FITC-dextran-loaded microspheres prepared with different types of PLGA. <i>Journal of Microencapsulation</i> , 2009, 26, 334-345.	1.2	34
30	Gene delivery using chitosan, trimethyl chitosan or polyethylenglycol-graft-trimethyl chitosan block copolymers: Establishment of structure-activity relationships in vitro. <i>Journal of Controlled Release</i> , 2008, 125, 145-154.	4.8	229
31	HER2 Targeted Polyplexes: The Effect of Polyplex Composition and Conjugation Chemistry on in Vitro and in Vivo Characteristics. <i>Bioconjugate Chemistry</i> , 2008, 19, 244-253.	1.8	16
32	Effect of WOW process parameters on morphology and burst release of FITC-dextran loaded PLGA microspheres. <i>International Journal of Pharmaceutics</i> , 2007, 334, 137-148.	2.6	232
33	Crosslinked nanocarriers based upon poly(ethylene imine) for systemic plasmid delivery: In vitro characterization and in vivo studies in mice. <i>Journal of Controlled Release</i> , 2007, 118, 370-380.	4.8	98
34	Bioreversibly crosslinked polyplexes of PEI and high molecular weight PEG show extended circulation times in vivo. <i>Journal of Controlled Release</i> , 2007, 124, 69-80.	4.8	110
35	Influence of Polyethylene Glycol Chain Length on the Physicochemical and Biological Properties of Poly(ethylene imine)-graft-Poly(ethylene glycol) Block Copolymer/SiRNA Polyplexes. <i>Bioconjugate Chemistry</i> , 2006, 17, 1209-1218.	1.8	295
36	Trastuzumab-Polyethylenimine-Polyethylene Glycol Conjugates for Targeting Her2-Expressing Tumors. <i>Bioconjugate Chemistry</i> , 2006, 17, 1190-1199.	1.8	64

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37	Uptake and Transport of PEG-Graft-Trimethyl-Chitosan Copolymerâ€™Insulin Nanocomplexes by Epithelial Cells. <i>Pharmaceutical Research</i> , 2005, 22, 2058-2068.	1.7	149
38	Products of the Determination of the Iodine Value with Iodine Monobromide. <i>Archiv Der Pharmazie</i> , 2002, 335, 449-451.	2.1	2