Robert Damitz

List of Publications by Year
in descending order

38 papers	949 citations	471509 17 h-index	454955 30 g-index
39 all docs	39 docs citations	39 times ranked	1090 citing authors

#	Article	IF	Citations
1	Extended release of dexamethasone from silicone-hydrogel contact lenses containing vitamin E. Journal of Controlled Release, 2010, 148, 110-116.	9.9	122
2	Dual drug delivery from vitamin E loaded contact lenses for glaucoma therapy. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 312-321.	4.3	107
3	Mechanistic modeling of ophthalmic drug delivery to the anterior chamber by eye drops and contact lenses. Advances in Colloid and Interface Science, 2016, 233, 139-154.	14.7	64
4	Controlled Release of Antibiotics From Vitamin Eâ€“Loaded Silicone-Hydrogel Contact Lenses. Journal of Pharmaceutical Sciences, 2016, 105, 1164-1172.	3.3	59
5	Therapeutic contact lenses: a patent review. Expert Opinion on Therapeutic Patents, 2015, 25, 1117-1129.	5.0	49
6	Controlled delivery of pirfenidone through vitamin E-loaded contact lens ameliorates corneal inflammation. Drug Delivery and Translational Research, 2018, 8, 1114-1126.	5.8	44
7	Evaluating the potential of drug eluting contact lenses for treatment of bacterial keratitis using an ex vivo corneal model. International Journal of Pharmaceutics, 2019, 565, 499-508.	5.2	41
8	In vitro drug release and in vivo safety of vitamin E and cysteamine loaded contact lenses. International Journal of Pharmaceutics, 2018, 544, 380-391.	5.2	40
9	Relating emulsion stability to interfacial properties for pharmaceutical emulsions stabilized by Pluronic F68 surfactant. International Journal of Pharmaceutics, 2017, 521, 8-18.	5.2	33
10	Timololâ€imprinted soft contact lenses: Influence of the template: Functional monomer ratio and the hydrogel thickness. Journal of Applied Polymer Science, 2011, 122, 1333-1340.	2.6	32
11	Parenteral emulsions and liposomes to treat drug overdose. Advanced Drug Delivery Reviews, 2015, 90, 12-23.	13.7	30
12	Interaction of Cationic Drugs with Liposomes. Langmuir, 2009, 25, 12056-12065.	3.5	29
13	Sequestration of amitriptyline by liposomes. Journal of Colloid and Interface Science, 2006, 300, 7-19.	9.4	28
14	Uptake of amitriptyline and nortriptyline with liposomes, proteins, and serum: Implications for drug detoxification. Journal of Colloid and Interface Science, 2008, 319, 81-93.	9.4	25
15	The absolute instability of an inviscid compound jet. Journal of Fluid Mechanics, 2006, 549, 81.	3.4	20
16	Modular and rapid access to amphiphilic homopolymers via successive chemoselective post-polymerization modification. Polymer Chemistry, 2017, 8, 6028-6032.	3.9	19
17	Comparison of Intravenous Lipid Emulsion, Bicarbonate, and Tailored Liposomes in Rabbit Clomipramine Toxicity. Academic Emergency Medicine, 2013, 20, 1076-1079.	1.8	17
18	Incorporation of drug particles for extended release of Cyclosporine A from poly-hydroxyethyl methacrylate hydrogels. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 120, 73-79.	4.3	17

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19	A Physiologically-Based Pharmacokinetic Model of Drug Detoxification by Nanoparticles. Journal of Pharmacokinetics and Pharmacodynamics, 2004, 31, 381-400.	1.8	16
20	Drug delivery to the eye anterior chamber by intraocular lenses: An in vivo concentration estimation model. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 133, 63-69.	4.3	16
21	Effect of the surface layer on drug release from delefilcon-A (Dailies Total1Â®) contact lenses. International Journal of Pharmaceutics, 2017, 529, 89-101.	5.2	15
22	Contact Lens Based Drug Delivery to the Posterior Segment Via Iontophoresis in Cadaver Rabbit Eyes. Pharmaceutical Research, 2019, 36, 87.	3.5	13
23	Incorporation of polymerizable surfactants in hydroxyethyl methacrylate lenses for improving wettability and lubricity. Journal of Colloid and Interface Science, 2015, 445, 60-68.	9.4	12
24	Kinetically stable propofol emulsions with reduced free drug concentration for intravenous delivery. International Journal of Pharmaceutics, 2015, 486, 232-241.	5.2	12
25	Taylor dispersion in polymerase chain reaction in a microchannel. Physics of Fluids, 2008, 20, .	4.0	11
26	Multidose Preservative Free Eyedrops by Selective Removal of Benzalkonium Chloride from Ocular Formulations. Pharmaceutical Research, 2017, 34, 2862-2872.	3.5	11
27	Rapid dissolution of propofol emulsions under sink conditions. International Journal of Pharmaceutics, 2015, 481, 47-55.	5.2	9
28	Pigmented contact lenses for managing ocular disorders. International Journal of Pharmaceutics, 2019, 555, 184-197.	5.2	9
29	Novel approaches for improving stability of cysteamine formulations. International Journal of Pharmaceutics, 2018, 549, 466-475.	5.2	7
30	Potential role of stromal collagen in cystine crystallization in cystinosis patients. International Journal of Pharmaceutics, 2018, 551, 232-240.	5.2	6
31	Delivery of ionic molecules to anterior chamber by iontophoretic contact lenses. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 140, 40-49.	4.3	6
32	Dispersion in core-annular flow with a solid annulus. AICHE Journal, 2005, 51, 2415-2427.	3.6	5
33	â€œMicro to macro (M2M)â€â€”A novel approach for intravenous delivery of propofol. International Journal of Pharmaceutics, 2015, 494, 218-226.	5.2	5
34	Carbon Black Tinted Contact Lenses for Reduction of Photophobia in Cystinosis Patients. Current Eye Research, 2019, 44, 497-504.	1.5	5
35	Reversal of lipophilic weak bases using pH gradient acidic centre liposomes: demonstration of effect in dabigatran-induced anticoagulation. Clinical Toxicology, 2016, 54, 428-433.	1.9	4
36	Spectroscopy of Oxygen-Sensitive Material for Measuring Contact Lens Oxygen Transmissibility. Current Eye Research, 2019, 44, 514-521.	1.5	4

#	Article	IF	Citations
37	Nanoparticleâ€loaded <scp>UV</scp>â€blocking contact lenses. Journal of Applied Polymer Science, 2015, 132, .	2.6	3
38	Broad spectrum UV protection by crystalline organic microrod sunscreens. International Journal of Pharmaceutics, 2015, 489, 30-44.	5.2	3