

Niall J O reilly

List of Publications by Citations

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

851
citations

11
h-index

18
g-index

18
ext. papers

1,059
ext. citations

5.5
avg, IF

4.85
L-index

#	Paper	IF	Citations
17	Polymeric Amorphous Solid Dispersions: A Review of Amorphization, Crystallization, Stabilization, Solid-State Characterization, and Aqueous Solubilization of Biopharmaceutical Classification System Class II Drugs. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 2527-2544	3.9	504
16	Synthesis and Characterization of Poly(2-hydroxyethylmethacrylate) Contact Lenses Containing Chitosan Nanoparticles as an Ocular Delivery System for Dexamethasone Sodium Phosphate. <i>Pharmaceutical Research</i> , 2016 , 33, 1638-48	4.5	58
15	Theoretical and experimental investigation of drug-polymer interaction and miscibility and its impact on drug supersaturation in aqueous medium. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 107, 16-31	5.7	50
14	Electrochemistry of cytochrome C in aqueous and mixed solvent solutions: thermodynamics, kinetics, and the effect of solvent dielectric constant. <i>Langmuir</i> , 2005 , 21, 1009-14	4	37
13	Formulation and characterisation of dissolving microneedles for the transdermal delivery of therapeutic peptides. <i>International Journal of Pharmaceutics</i> , 2017 , 526, 125-136	6.5	36
12	Investigation into the Solid-State Properties and Dissolution Profile of Spray-Dried Ternary Amorphous Solid Dispersions: A Rational Step toward the Design and Development of a Multicomponent Amorphous System. <i>Molecular Pharmaceutics</i> , 2018 , 15, 3796-3812	5.6	29
11	Dissolving microneedle based transdermal delivery of therapeutic peptide analogues. <i>International Journal of Pharmaceutics</i> , 2019 , 565, 9-19	6.5	26
10	Understanding the generation and maintenance of supersaturation during the dissolution of amorphous solid dispersions using modulated DSC and H NMR. <i>International Journal of Pharmaceutics</i> , 2018 , 536, 414-425	6.5	25
9	An investigation into the crystallization tendency/kinetics of amorphous active pharmaceutical ingredients: A case study with dipyridamole and cinnarizine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 104, 59-71	5.7	24
8	Inhaled hydroxychloroquine to improve efficacy and reduce harm in the treatment of COVID-19. <i>Medical Hypotheses</i> , 2020 , 143, 110110	3.8	17
7	Designing enhanced spray dried particles for inhalation: A review of the impact of excipients and processing parameters on particle properties. <i>Powder Technology</i> , 2021 , 384, 313-331	5.2	13
6	Posterior Segment Ophthalmic Drug Delivery: Role of Muco-Adhesion with a Special Focus on Chitosan. <i>Pharmaceutics</i> , 2021 , 13,	6.4	9
5	Dexamethasone-Loaded Nanostructured Lipid Carriers for the Treatment of Dry Eye Disease. <i>Pharmaceutics</i> , 2021 , 13,	6.4	9
4	The effect of solvent on the catalytic properties of microperoxidase-11. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 5304-13	3.6	6
3	Leucine as an excipient in spray dried powder for inhalation. <i>Drug Discovery Today</i> , 2021 , 26, 2384-2396	8.8	4
2	Developing ciprofloxacin dry powder for inhalation: A story of challenges and rational design in the treatment of cystic fibrosis lung infection.. <i>International Journal of Pharmaceutics</i> , 2021 , 613, 121388	6.5	1
1	Development and Characterization of a Spray-Dried Inhalable Ciprofloxacin-Quercetin Co-Amorphous System.. <i>International Journal of Pharmaceutics</i> , 2022 , 121657	6.5	0

