

James R Falconer

List of Publications by Citations

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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.

39
papers

631
citations

10
h-index

24
g-index

42
ext. papers

908
ext. citations

5.7
avg, IF

4.65
L-index

#	Paper	IF	Citations
39	Solvent Supercritical Fluid Technologies to Extract Bioactive Compounds from Natural Sources: A Review. <i>Molecules</i> , 2017 , 22,	4.8	183
38	Recent advances in non-ionic surfactant vesicles (niosomes): Fabrication, characterization, pharmaceutical and cosmetic applications. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 144, 18-39	5.7	109
37	Solid nanoparticles for oral antimicrobial drug delivery: a review. <i>Drug Discovery Today</i> , 2019 , 24, 858-866	8.8	59
36	Strategies to maximize liposomal drug loading for a poorly water-soluble anticancer drug. <i>Pharmaceutical Research</i> , 2015 , 32, 1451-61	4.5	40
35	Nuts, cereals, seeds and legumes proteins derived emulsifiers as a source of plant protein beverages: A review. <i>Critical Reviews in Food Science and Nutrition</i> , 2020 , 60, 2742-2762	11.5	23
34	Extemporaneously compounded medicines. <i>Australian Prescriber</i> , 2017 , 40, 5-8	1.4	19
33	A study of microemulsions as prolonged-release injectables through in-situ phase transition. <i>Journal of Controlled Release</i> , 2014 , 174, 188-94	11.7	19
32	Formulation technologies and advances for oral delivery of novel nitroimidazoles and antimicrobial peptides. <i>Journal of Controlled Release</i> , 2020 , 324, 728-749	11.7	19
31	Nose-to-brain delivery of antipsychotics using nanotechnology: a review. <i>Expert Opinion on Drug Delivery</i> , 2020 , 17, 839-853	8	17
30	Extraction of medicinal cannabinoids through supercritical carbon dioxide technologies: A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1167, 122581	3.2	10
29	PLGA encapsulated β -cyclodextrin-meropenem inclusion complex formulation for oral delivery. <i>International Journal of Pharmaceutics</i> , 2021 , 597, 120280	6.5	10
28	A systematic review and meta-analysis of the association between clozapine and norclozapine serum levels and peripheral adverse drug reactions. <i>Psychopharmacology</i> , 2021 , 238, 615-637	4.7	10
27	Microfluidic assembly of pomegranate-like hierarchical microspheres for efflux regulation in oral drug delivery. <i>Acta Biomaterialia</i> , 2021 , 126, 277-290	10.8	9
26	Self-built supercritical CO ₂ anti-solvent unit design, construction and operation using carbamazepine. <i>AAPS PharmSciTech</i> , 2008 , 9, 944-52	3.9	8
25	Supercritical carbon dioxide assisted complexation of benzimidazole: β -cyclodextrin for improved dissolution. <i>International Journal of Pharmaceutics</i> , 2021 , 596, 120240	6.5	8
24	Liquid CO ₂ Formulated Mesoporous Silica Nanoparticles for pH-Responsive Oral Delivery of Meropenem. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 1836-1853	5.5	8
23	Improving drug retention in liposomes by aging with the aid of glucose. <i>International Journal of Pharmaceutics</i> , 2016 , 505, 194-203	6.5	7

22	Dispersibility of phospholipids and their optimization for the efficient production of liposomes using supercritical fluid technology. <i>International Journal of Pharmaceutics</i> , 2019 , 563, 174-183	6.5	6
21	Supercritical Fluid Technologies to Fabricate Proliposomes. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2015 , 18, 747-64	3.4	6
20	Oral meropenem for superbugs: challenges and opportunities. <i>Drug Discovery Today</i> , 2021 , 26, 551-560	8.8	6
19	Factorial design-assisted supercritical carbon-dioxide extraction of cytotoxic active principles from <i>Carica papaya</i> leaf juice. <i>Scientific Reports</i> , 2019 , 9, 1716	4.9	5
18	Non-ionic surfactant vesicles as a carrier system for dermal delivery of (+)-Catechin and their antioxidant effects. <i>Journal of Drug Targeting</i> , 2021 , 29, 310-322	5.4	5
17	Niosomal Nanocarriers for Enhanced Dermal Delivery of Epigallocatechin Gallate for Protection against Oxidative Stress of the Skin.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	5
16	Preparation and characterization of progesterone dispersions using supercritical carbon dioxide. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 458-69	3.6	4
15	Evaluation of progesterone permeability from supercritical fluid processed dispersion systems. <i>Pharmaceutical Development and Technology</i> , 2014 , 19, 238-46	3.4	4
14	The effects of supercritical carbon dioxide processing on progesterone dispersion systems: a multivariate study. <i>AAPS PharmSciTech</i> , 2012 , 13, 1255-65	3.9	4
13	Engineering mesoporous silica nanoparticles towards oral delivery of vancomycin. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 7145-7166	7.3	4
12	Preparation of albendazole-loaded liposomes by supercritical carbon dioxide processing. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, S1186-S1192	6.1	4
11	Nanomaterials: The New Antimicrobial Magic Bullet.. <i>ACS Infectious Diseases</i> , 2022 ,	5.5	4
10	Compound Identification and In Vitro Cytotoxicity of the Supercritical Carbon Dioxide Extract of Papaya Freeze-Dried Leaf Juice. <i>Processes</i> , 2020 , 8, 610	2.9	3
9	An investigation into the stability and sterility of citric acid solutions used for cough reflex testing. <i>Dysphagia</i> , 2014 , 29, 622-8	3.7	3
8	Understanding the relationship between solubility and permeability of Cyclodextrin-based systems embedded with poorly aqueous soluble benzimidazole.. <i>International Journal of Pharmaceutics</i> , 2022 , 616, 121487	6.5	2
7	Sustained release ketamine-loaded porous silicon-PLGA microparticles prepared by an optimized supercritical CO process. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	2
6	Development and Optimization of Supercritical Fluid Extraction Setup Leading to Quantification of 11 Cannabinoids Derived from Medicinal Cannabis. <i>Biology</i> , 2021 , 10,	4.9	2
5	Clozapine-Encapsulated Binary Mixed Micelles in Thermosensitive Sol-Gels for Intranasal Administration.. <i>Gels</i> , 2022 , 8,	4.2	1

4	Effects of Ethanol on the Supercritical Carbon Dioxide Extraction of Cannabinoids from Near Equimolar (THC and CBD Balanced) Cannabis Flower. <i>Separations</i> , 2021 , 8, 154	3.1	1
3	Influence of PEGylated porous silicon nanoparticles on permeation and efflux of an orally administered antibiotic. <i>Materials Today Advances</i> , 2022 , 13, 100210	7.4	0
2	Fractional Factorial Design Study for the Extraction of Cannabinoids from CBD-Dominant Cannabis Flowers by Supercritical Carbon Dioxide. <i>Processes</i> , 2022 , 10, 93	2.9	0
1	Sustained-release ketamine-loaded lipid-particulate system: in vivo assessment in mice. <i>Drug Delivery and Translational Research</i> , 2021 , 1	6.2	