# James R Falconer

## List of Publications by Year in Descending Order



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| 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 | Clozapine-Encapsulated Binary Mixed Micelles in Thermosensitive Sol-Gels for Intranasal Administration.. *Gels*, **2022**, 8, | 4.2 | 1 |
| 38 | Understanding the relationship between solubility and permeability of Ecyclodextrin-based systems embedded with poorly aqueous soluble benznidazole.. *International Journal of Pharmaceutics*, **2022**, 616, 121487 | 6.5 | 2 |
| 37 | Influence of PEGylated porous silicon nanoparticles on permeation and efflux of an orally administered antibiotic. *Materials Today Advances*, **2022**, 13, 100210 | 7.4 | 0 |
| 36 | Fractional Factorial Design Study for the Extraction of Cannabinoids from CBD-Dominant Cannabis Flowers by Supercritical Carbon Dioxide. *Processes*, **2022**, 10, 93 | 2.9 | 0 |
| 35 | Niosomal Nanocarriers for Enhanced Dermal Delivery of Epigallocatechin Gallate for Protection against Oxidative Stress of the Skin.. *Pharmaceutics*, **2022**, 14, | 6.4 | 5 |
| 34 | Nanomaterials: The New Antimicrobial Magic Bullet.. *ACS Infectious Diseases*, **2022**, | 5.5 | 4 |
| 33 | Sustained-release ketamine-loaded lipid-particulate system: in vivo assessment in mice. *Drug Delivery and Translational Research*, **2021**, 1 | 6.2 | |
| 32 | Supercritical carbon dioxide assisted complexation of benznidazole: Ecyclodextrin for improved dissolution. *International Journal of Pharmaceutics*, **2021**, 596, 120240 | 6.5 | 8 |
| 31 | Extraction of medicinal cannabinoids through supercritical carbon dioxide technologies: A review. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2021**, 1167, 122581 | 3.2 | 10 |
| 30 | PLGA encapsulated Ecyclodextrin-meropenem inclusion complex formulation for oral delivery. *International Journal of Pharmaceutics*, **2021**, 597, 120280 | 6.5 | 10 |
| 29 | Sustained release ketamine-loaded porous silicon-PLGA microparticles prepared by an optimized supercritical CO process. *Drug Delivery and Translational Research*, **2021**, 1 | 6.2 | 2 |
| 28 | Development and Optimization of Supercritical Fluid Extraction Setup Leading to Quantification of 11 Cannabinoids Derived from Medicinal Cannabis. *Biology*, **2021**, 10, | 4.9 | 2 |
| 27 | Microfluidic assembly of pomegranate-like hierarchical microspheres for efflux regulation in oral drug delivery. *Acta Biomaterialia*, **2021**, 126, 277-290 | 10.8 | 9 |
| 26 | Non-ionic surfactant vesicles as a carrier system for dermal delivery of (+)-Catechin and their antioxidant effects. *Journal of Drug Targeting*, **2021**, 29, 310-322 | 5.4 | 5 |
| 25 | Oral meropenem for superbugs: challenges and opportunities. *Drug Discovery Today*, **2021**, 26, 551-560 | 8.8 | 6 |
| 24 | Liquid CO Formulated Mesoporous Silica Nanoparticles for pH-Responsive Oral Delivery of Meropenem. *ACS Biomaterials Science and Engineering*, **2021**, 7, 1836-1853 | 5.5 | 8 |
| 23 | Engineering mesoporous silica nanoparticles towards oral delivery of vancomycin. *Journal of Materials Chemistry B*, **2021**, 9, 7145-7166 | 7.3 | 4 |

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| 22 | Effects of Ethanol on the Supercritical Carbon Dioxide Extraction of Cannabinoids from Near Equimolar (THC and CBD Balanced) Cannabis Flower. *Separations*, **2021**, 8, 154 | 3.1 | 1 |
| 21 | A systematic review and meta-analysis of the association between clozapine and norclozapine serum levels and peripheral adverse drug reactions. *Psychopharmacology*, **2021**, 238, 615-637 | 4.7 | 10 |
| 20 | Compound Identification and In Vitro Cytotoxicity of the Supercritical Carbon Dioxide Extract of Papaya Freeze-Dried Leaf Juice. *Processes*, **2020**, 8, 610 | 2.9 | 3 |
| 19 | Nose-to-brain delivery of antipsychotics using nanotechnology: a review. *Expert Opinion on Drug Delivery*, **2020**, 17, 839-853 | 8 | 17 |
| 18 | Formulation technologies and advances for oral delivery of novel nitroimidazoles and antimicrobial peptides. *Journal of Controlled Release*, **2020**, 324, 728-749 | 11.7 | 19 |
| 17 | Nuts, cereals, seeds and legumes proteins derived emulsifiers as a source of plant protein beverages: A review. *Critical Reviews in Food Science and Nutrition*, **2020**, 60, 2742-2762 | 11.5 | 23 |
| 16 | Recent advances in non-ionic surfactant vesicles (niosomes): Fabrication, characterization, pharmaceutical and cosmetic applications. *European Journal of Pharmaceutics and Biopharmaceutics* , **2019**, 144, 18-39 | 5.7 | 109 |
| 15 | Dispersibility of phospholipids and their optimization for the efficient production of liposomes using supercritical fluid technology. *International Journal of Pharmaceutics*, **2019**, 563, 174-183 | 6.5 | 6 |
| 14 | Factorial design-assisted supercritical carbon-dioxide extraction of cytotoxic active principles from Carica papaya leaf juice. *Scientific Reports*, **2019**, 9, 1716 | 4.9 | 5 |
| 13 | Solid nanoparticles for oral antimicrobial drug delivery: a review. *Drug Discovery Today*, **2019**, 24, 858-866 | 6.8 | 59 |
| 12 | Preparation of albendazole-loaded liposomes by supercritical carbon dioxide processing. *Artificial Cells, Nanomedicine and Biotechnology*, **2018**, 46, S1186-S1192 | 6.1 | 4 |
| 11 | Extemporaneously compounded medicines. *Australian Prescriber*, **2017**, 40, 5-8 | 1.4 | 19 |
| 10 | Solvent Supercritical Fluid Technologies to Extract Bioactive Compounds from Natural Sources: A Review. *Molecules*, **2017**, 22, | 4.8 | 183 |
| 9 | Improving drug retention in liposomes by aging with the aid of glucose. *International Journal of Pharmaceutics*, **2016**, 505, 194-203 | 6.5 | 7 |
| 8 | Strategies to maximize liposomal drug loading for a poorly water-soluble anticancer drug. *Pharmaceutical Research*, **2015**, 32, 1451-61 | 4.5 | 40 |
| 7 | Supercritical Fluid Technologies to Fabricate Proliposomes. *Journal of Pharmacy and Pharmaceutical Sciences*, **2015**, 18, 747-64 | 3.4 | 6 |
| 6 | A study of microemulsions as prolonged-release injectables through in-situ phase transition. *Journal of Controlled Release*, **2014**, 174, 188-94 | 11.7 | 19 |
| 5 | Preparation and characterization of progesterone dispersions using supercritical carbon dioxide. *Drug Development and Industrial Pharmacy*, **2014**, 40, 458-69 | 3.6 | 4 |

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| 4 | Evaluation of progesterone permeability from supercritical fluid processed dispersion systems. *Pharmaceutical Development and Technology*, **2014**, 19, 238-46 | 3.4 | 4 |
| 3 | An investigation into the stability and sterility of citric acid solutions used for cough reflex testing. *Dysphagia*, **2014**, 29, 622-8 | 3.7 | 3 |
| 2 | The effects of supercritical carbon dioxide processing on progesterone dispersion systems: a multivariate study. *AAPS PharmSciTech*, **2012**, 13, 1255-65 | 3.9 | 4 |
| 1 | Self-built supercritical CO2 anti-solvent unit design, construction and operation using carbamazepine. *AAPS PharmSciTech*, **2008**, 9, 944-52 | 3.9 | 8 |