

# Brendan T Griffin

## 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.

86

papers

2,409

citations

30

h-index

46

g-index

91

ext. papers

2,935

ext. citations

5.8

avg, IF

5.49

L-index

#	Paper	IF	Citations
86	Biopharmaceutical challenges associated with drugs with low aqueous solubility--the potential impact of lipid-based formulations. <i>Advanced Drug Delivery Reviews</i> , <b>2008</b> , 60, 617-24	18.5	207
85	Lipid-based nanocarriers for oral peptide delivery. <i>Advanced Drug Delivery Reviews</i> , <b>2016</b> , 106, 337-354	18.5	166
84	Gut Reactions: Breaking Down Xenobiotic-Microbiome Interactions. <i>Pharmacological Reviews</i> , <b>2019</b> , 71, 198-224	22.5	135
83	Interactions between antidepressants and P-glycoprotein at the blood-brain barrier: clinical significance of in vitro and in vivo findings. <i>British Journal of Pharmacology</i> , <b>2012</b> , 165, 289-312	8.6	135
82	Comparison of in vitro tests at various levels of complexity for the prediction of in vivo performance of lipid-based formulations: case studies with fenofibrate. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 86, 427-37	5.7	97
81	From Belly to Brain: Targeting the Ghrelin Receptor in Appetite and Food Intake Regulation. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	81
80	Pharmacokinetic, pharmacodynamic and biodistribution following oral administration of nanocarriers containing peptide and protein drugs. <i>Advanced Drug Delivery Reviews</i> , <b>2016</b> , 106, 367-380	18.5	64
79	The Impact of the Gut Microbiota on Drug Metabolism and Clinical Outcome. <i>Yale Journal of Biology and Medicine</i> , <b>2016</b> , 89, 375-382	2.4	62
78	Drug-gut microbiota interactions: implications for neuropharmacology. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 4415-4429	8.6	59
77	Pharmacotherapy for Neonatal Seizures: Current Knowledge and Future Perspectives. <i>Drugs</i> , <b>2016</b> , 76, 647-61	12.1	50
76	Lactococcus lactis as a cell factory for delivery of therapeutic proteins. <i>Current Gene Therapy</i> , <b>2010</b> , 10, 34-45	4.3	50
75	A novel lipid-based solid dispersion for enhancing oral bioavailability of Lycopene--in vivo evaluation using a pig model. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 453, 307-14	6.5	48
74	Food for thought: formulating away the food effect - a PEARRL review. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 510-535	4.8	47
73	A comparison of intestinal lymphatic transport and systemic bioavailability of saquinavir from three lipid-based formulations in the anaesthetised rat model. <i>Journal of Pharmacy and Pharmacology</i> , <b>2006</b> , 58, 917-25	4.8	47
72	Impact of body composition parameters on clinical outcomes in patients with metastatic castrate-resistant prostate cancer treated with docetaxel. <i>Clinical Nutrition ESPEN</i> , <b>2016</b> , 13, e39-e45	1.3	47
71	Lactococcus lactis-expressing listeriolysin O (LLO) provides protection and specific CD8(+) T cells against Listeria monocytogenes in the murine infection model. <i>Vaccine</i> , <b>2008</b> , 26, 5304-14	4.1	44
70	Impact of Gut Microbiota-Mediated Bile Acid Metabolism on the Solubilization Capacity of Bile Salt Micelles and Drug Solubility. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 1251-1263	5.6	42

69	Lipophilicity and hydrophobicity considerations in bio-enabling oral formulations approaches - a PEARRL review. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 464-482	4.8	42
68	Impact of gastrointestinal tract variability on oral drug absorption and pharmacokinetics: An UNGAP review. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 162, 105812	5.1	41
67	Microbiome-mediated bile acid modification: Role in intestinal drug absorption and metabolism. <i>Pharmacological Research</i> , <b>2018</b> , 133, 170-186	10.2	40
66	Regulation of biosimilar medicines and current perspectives on interchangeability and policy. <i>European Journal of Clinical Pharmacology</i> , <b>2019</b> , 75, 1-11	2.8	39
65	PEGylated cyclodextrins as novel siRNA nanosystems: correlations between polyethylene glycol length and nanoparticle stability. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 473, 105-12	6.5	38
64	Bioavailability of lycopene in the rat: the role of intestinal lymphatic transport. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 62, 323-31	4.8	37
63	Folate-targeted amphiphilic cyclodextrin.siRNA nanoparticles for prostate cancer therapy exhibit PSMA mediated uptake, therapeutic gene silencing in vitro and prolonged circulation in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 2341-2351	6	37
62	Silicon microfluidic flow focusing devices for the production of size-controlled PLGA based drug loaded microparticles. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 467, 60-9	6.5	34
61	P-glycoprotein inhibition increases the brain distribution and antidepressant-like activity of escitalopram in rodents. <i>Neuropsychopharmacology</i> , <b>2013</b> , 38, 2209-19	8.7	34
60	Inhibition of P-glycoprotein enhances transport of imipramine across the blood-brain barrier: microdialysis studies in conscious freely moving rats. <i>British Journal of Pharmacology</i> , <b>2012</b> , 166, 1333-43	8.6	34
59	Biopharmaceutical modeling of drug supersaturation during lipid-based formulation digestion considering an absorption sink. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 3426-44	4.5	32
58	Current challenges and future perspectives in oral absorption research: An opinion of the UNGAP network. <i>Advanced Drug Delivery Reviews</i> , <b>2021</b> , 171, 289-331	18.5	30
57	The pig as a preclinical model for predicting oral bioavailability and in vivo performance of pharmaceutical oral dosage forms: a PEARRL review. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 581-602	4.8	30
56	Human P-glycoprotein differentially affects antidepressant drug transport: relevance to blood-brain barrier permeability. <i>International Journal of Neuropsychopharmacology</i> , <b>2013</b> , 16, 2259-72	5.8	28
55	Assessing awareness and attitudes of healthcare professionals on the use of biosimilar medicines: A survey of physicians and pharmacists in Ireland. <i>Regulatory Toxicology and Pharmacology</i> , <b>2017</b> , 88, 252-261	3.4	27
54	Opportunities and challenges for oral delivery of hydrophobic versus hydrophilic peptide and protein-like drugs using lipid-based technologies. <i>Therapeutic Delivery</i> , <b>2011</b> , 2, 1633-53	3.8	26
53	Lipidic dispersion to reduce food dependent oral bioavailability of fenofibrate: In vitro, in vivo and in silico assessments. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 96, 207-16	5.7	25
52	In vitro dissolution models for the prediction of in vivo performance of an oral mesoporous silica formulation. <i>Journal of Controlled Release</i> , <b>2017</b> , 250, 86-95	11.7	24

51	Efficacy of a <i>Lactococcus lactis</i> pγrG vaccine delivery platform expressing chromosomally integrated hly from <i>Listeria monocytogenes</i> . <i>Bioengineered Bugs</i> , <b>2010</b> , 1, 66-74		24
50	Nisin inducible production of listeriolysin O in <i>Lactococcus lactis</i> NZ9000. <i>Microbial Cell Factories</i> , <b>2008</b> , 7, 24	6.4	23
49	The effect of organic anion transporter 3 inhibitor probenecid on bumetanide levels in the brain: an integrated in vivo microdialysis study in the rat. <i>Journal of Pharmacy and Pharmacology</i> , <b>2015</b> , 67, 501-10	4.8	23
48	Expression of two <i>Listeria monocytogenes</i> antigens (P60 and LLO) in <i>Lactococcus lactis</i> and examination for use as live vaccine vectors. <i>Journal of Medical Microbiology</i> , <b>2010</b> , 59, 904-912	3.2	21
47	Enhanced colonic delivery of ciclosporin A self-emulsifying drug delivery system encapsulated in coated minispheres. <i>Drug Development and Industrial Pharmacy</i> , <b>2016</b> , 42, 245-53	3.6	20
46	Exploring the impact of drug properties on the extent of intestinal lymphatic transport - in vitro and in vivo studies. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 1817-29	4.5	19
45	Application of the solubility parameter concept to assist with oral delivery of poorly water-soluble drugs - a PEARRL review. <i>Journal of Pharmacy and Pharmacology</i> , <b>2019</b> , 71, 441-463	4.8	19
44	Knowledge of Adverse Drug Reaction Reporting and the Pharmacovigilance of Biological Medicines: A Survey of Healthcare Professionals in Ireland. <i>BioDrugs</i> , <b>2018</b> , 32, 267-280	7.9	15
43	In vitro bidirectional permeability studies identify pharmacokinetic limitations of NKCC1 inhibitor bumetanide. <i>European Journal of Pharmacology</i> , <b>2016</b> , 770, 117-25	5.3	15
42	Mesoporous silica-based dosage forms improve bioavailability of poorly soluble drugs in pigs: case example fenofibrate. <i>Journal of Pharmacy and Pharmacology</i> , <b>2017</b> , 69, 1284-1292	4.8	14
41	An examination of the effect of intestinal first pass extraction on intestinal lymphatic transport of saquinavir in the rat. <i>Pharmaceutical Research</i> , <b>2008</b> , 25, 1125-33	4.5	12
40	Sustained-release multiparticulates for oral delivery of a novel peptidic ghrelin agonist: Formulation design and in vitro characterization. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 536, 63-72	6.5	12
39	Impact of host and environmental factors on β-glucuronidase enzymatic activity: implications for gastrointestinal serotonin. <i>American Journal of Physiology - Renal Physiology</i> , <b>2020</b> , 318, G816-G826	5.1	11
38	Exploring gastric emptying rate in minipigs: Effect of food type and pre-dosing of metoclopramide. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 118, 183-190	5.1	11
37	The P-glycoprotein inhibitor cyclosporin A differentially influences behavioural and neurochemical responses to the antidepressant escitalopram. <i>Behavioural Brain Research</i> , <b>2014</b> , 261, 17-25	3.4	11
36	New Insights into Using Lipid Based Suspensions for Brick Dust Molecules: Case Study of Nilotinib. <i>Pharmaceutical Research</i> , <b>2019</b> , 36, 56	4.5	10
35	Supersaturated Lipid-Based Formulations to Enhance the Oral Bioavailability of Venetoclax. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	10
34	Novel Biphasic Lipolysis Method To Predict Performance of Lipid-Based Formulations. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 3342-3352	5.6	10

33	Characterization of gastrointestinal transit and luminal conditions in pigs using a telemetric motility capsule. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 156, 105627	5.1	10
32	Models of the Small Intestine <b>2008</b> , 34-76		9
31	Exploring the Impact of Surfactant Type and Digestion: Highly Digestible Surfactants Improve Oral Bioavailability of Nilotinib. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 3202-3213	5.6	9
30	Exploring impact of supersaturated lipid-based drug delivery systems of celecoxib on in vitro permeation across Permeapad membrane and in vivo absorption. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 152, 105452	5.1	8
29	Supersaturated lipid-based drug delivery systems - exploring impact of lipid composition type and drug properties on supersaturability and physical stability. <i>Drug Development and Industrial Pharmacy</i> , <b>2020</b> , 46, 356-364	3.6	8
28	Gut microbiome-mediated modulation of hepatic cytochrome P450 and P-glycoprotein: impact of butyrate and Fructo-oligosaccharide-inulin. <i>Journal of Pharmacy and Pharmacology</i> , <b>2020</b> , 72, 1072-1081	4.8	8
27	Application of a physiologically-based pharmacokinetic model for the prediction of bumetanide plasma and brain concentrations in the neonate. <i>Biopharmaceutics and Drug Disposition</i> , <b>2018</b> , 39, 125-134	1.7	8
26	A Retrospective Biopharmaceutical Analysis of >800 Approved Oral Drug Products: Are Drug Properties of Solid Dispersions and Lipid-Based Formulations Distinctive?. <i>Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 109, 3248-3261	3.9	8
25	Development and evaluation of a biorelevant medium simulating porcine gastrointestinal fluids. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 154, 116-126	5.7	7
24	The gut microbiome influences the bioavailability of olanzapine in rats. <i>EBioMedicine</i> , <b>2021</b> , 66, 103307	8.8	7
23	Broadband Acoustic Resonance Dissolution Spectroscopy (BARDS): A rapid test for enteric coating thickness and integrity of controlled release pellet formulations. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 544, 31-38	6.5	6
22	Treating disorders of the neonatal central nervous system: pharmacokinetic and pharmacodynamic considerations with a focus on antiepileptics. <i>British Journal of Clinical Pharmacology</i> , <b>2016</b> , 81, 62-77	3.8	6
21	Chase Dosing of Lipid Formulations to Enhance Oral Bioavailability of Nilotinib in Rats. <i>Pharmaceutical Research</i> , <b>2020</b> , 37, 124	4.5	5
20	Behavioural characterization of ghrelin ligands, anamorelin and HM01: Appetite and reward-motivated effects in rodents. <i>Neuropharmacology</i> , <b>2020</b> , 168, 108011	5.5	5
19	Chronic P-glycoprotein inhibition increases the brain concentration of escitalopram: potential implications for treating depression. <i>Pharmacology Research and Perspectives</i> , <b>2015</b> , 3, e00190	3.1	5
18	Combining species specific in vitro & in silico models to predict in vivo food effect in a preclinical stage - case study of Venetoclax. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 162, 105840	5.1	5
17	Machine learning methods for prediction of food effects on bioavailability: A comparison of support vector machines and artificial neural networks. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 168, 106018	5.1	4
16	Best practices in current models mimicking drug permeability in the gastrointestinal tract - an UNGAP review.. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 170, 106098	5.1	3

15	Toward simplified oral lipid-based drug delivery using mono-/di-glycerides as single component excipients. <i>Drug Development and Industrial Pharmacy</i> , <b>2020</b> , 46, 2051-2060	3.6	3
14	Rational Selection of Bio-Enabling Oral Drug Formulations - A PEARL Commentary. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 110, 1921-1930	3.9	3
13	Oral biopharmaceutics tools: recent progress from partnership through the Pharmaceutical Education and Research with Regulatory Links collaboration. <i>Journal of Pharmacy and Pharmacology</i> , <b>2021</b> , 73, 437-446	4.8	3
12	Toward the establishment of a standardized pre-clinical porcine model to predict food effects - Case studies on fenofibrate and paracetamol. <i>International Journal of Pharmaceutics: X</i> , <b>2019</b> , 1, 100017	3.2	2
11	Exploring precipitation inhibitors to improve in vivo absorption of cinnarizine from supersaturated lipid-based drug delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 159, 105691	5.1	2
10	,, and Evaluation of Precipitation Inhibitors in Supersaturated Lipid-Based Formulations of Venetoclax. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 2174-2188	5.6	2
9	Exploring porcine gastric and intestinal fluids using microscopic and solubility estimates: Impact of placebo self-emulsifying drug delivery system administration to inform bio-predictive in vitro tools. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 161, 105778	5.1	2
8	A Dairy-Derived Ghrelinergic Hydrolysate Modulates Food Intake In Vivo. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	2
7	Perspectives of pharmacists on facilitating experiential learning placements for pharmacy students in non-patient facing settings. <i>Currents in Pharmacy Teaching and Learning</i> , <b>2020</b> , 12, 901-909	1.5	1
6	Synthesis and In Vivo Evaluation of Insulin-Loaded Whey Beads as an Oral Peptide Delivery System. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1
5	Applying Computational Predictions of Biorelevant Solubility Ratio Upon Self-Emulsifying Lipid-Based Formulations Dispersion to Predict Dose Number. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 110, 164-175	3.9	1
4	Lipophilic Salts and Lipid-Based Formulations for Bridging the Food Effect Gap of Venetoclax. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> ,	3.9	1
3	Developing Clinically Relevant Dissolution Specifications (CRDSs) for Oral Drug Products: Virtual Webinar Series. <i>Pharmaceutics</i> , <b>2022</b> , 14, 1010	6.4	1
2	Impact of body composition parameters on clinical outcomes in patients with metastatic castration-resistant prostate cancer treated with docetaxel. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, e16121 <sup>2</sup> e16121		
1	Lipid-based Formulations <b>2022</b> , 137-160		