

List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8627152/anette-mullertz-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

239 papers	8,966 citations	53 h-index	82 g-index
250 ext. papers	9,921 ext. citations	5.3 avg, IF	6.23 L-index

#	Paper	IF	Citations
239	In vitro models for the prediction of in vivo performance of oral dosage forms. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 57, 342-66	5.1	240
238	A dynamic in vitro lipolysis model. I. Controlling the rate of lipolysis by continuous addition of calcium. <i>European Journal of Pharmaceutical Sciences</i> , <b>2001</b> , 14, 115-22	5.1	231
237	New perspectives on lipid and surfactant based drug delivery systems for oral delivery of poorly soluble drugs. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 62, 1622-36	4.8	205
236	Lipid-based formulations for oral administration of poorly water-soluble drugs. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 453, 215-24	6.5	203
235	Early pharmaceutical profiling to predict oral drug absorption: current status and unmet needs. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 57, 173-99	5.1	198
234	Comparison of drug transporter gene expression and functionality in Caco-2 cells from 10 different laboratories. <i>European Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 35, 383-96	5.1	198
233	Toward the establishment of standardized in vitro tests for lipid-based formulations, part 1: method parameterization and comparison of in vitro digestion profiles across a range of representative formulations. <i>Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 101, 3360-80	3.9	185
232	A dynamic in vitro lipolysis model. II: Evaluation of the model. <i>European Journal of Pharmaceutical Sciences</i> , <b>2001</b> , 14, 237-44	5.1	167
231	Solubilisation of poorly water-soluble drugs during in vitro lipolysis of medium- and long-chain triacylglycerols. <i>European Journal of Pharmaceutical Sciences</i> , <b>2004</b> , 23, 287-96	5.1	158
230	In vitro and in vivo performance of novel supersaturated self-nanoemulsifying drug delivery systems (super-SNEDDS). <i>Journal of Controlled Release</i> , <b>2012</b> , 160, 25-32	11.7	150
229	Bile salts and their importance for drug absorption. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 453, 44-55	6.5	135
228	In vivo in vitro correlations for a poorly soluble drug, danazol, using the flow-through dissolution method with biorelevant dissolution media. <i>European Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 24, 305-13	5.1	127
227	Successful oral delivery of poorly water-soluble drugs both depends on the intraluminal behavior of drugs and of appropriate advanced drug delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 137, 104967	5.1	118
226	Precipitation of a poorly soluble model drug during in vitro lipolysis: characterization and dissolution of the precipitate. <i>Journal of Pharmaceutical Sciences</i> , <b>2010</b> , 99, 4982-91	3.9	118
225	Bioavailability of probucol from lipid and surfactant based formulations in minipigs: influence of droplet size and dietary state. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2008</b> , 69, 553-62	5.7	117
224	A comparison of the solubility of danazol in human and simulated gastrointestinal fluids. <i>Pharmaceutical Research</i> , <b>2000</b> , 17, 891-4	4.5	117
223	In vitro lipolysis models as a tool for the characterization of oral lipid and surfactant based drug delivery systems. <i>International Journal of Pharmaceutics</i> , <b>2011</b> , 417, 245-55	6.5	114

222	Morphological observations on a lipid-based drug delivery system during in vitro digestion. <i>European Journal of Pharmaceutical Sciences</i> , <b>2007</b> , 31, 85-94	5.1	112
221	Examination of oral absorption and lymphatic transport of halofantrine in a triple-cannulated canine model after administration in self-microemulsifying drug delivery systems (SMEDDS) containing structured triglycerides. <i>European Journal of Pharmaceutical Sciences</i> , <b>2003</b> , 20, 91-7	5.1	110
220	Characterising the behaviour of poorly water soluble drugs in the intestine: application of biorelevant media for solubility, dissolution and transport studies. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 62, 1656-68	4.8	105
219	Supersaturated self-nanoemulsifying drug delivery systems (Super-SNEDDS) enhance the bioavailability of the poorly water-soluble drug simvastatin in dogs. <i>AAPS Journal</i> , <b>2013</b> , 15, 219-27	3.7	98
218	Toward the establishment of standardized in vitro tests for lipid-based formulations. 2. The effect of bile salt concentration and drug loading on the performance of type I, II, IIIA, IIIB, and IV formulations during in vitro digestion. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 3286-300	5.6	97
217	Structural development of self nano emulsifying drug delivery systems (SNEDDS) during in vitro lipid digestion monitored by small-angle X-ray scattering. <i>Pharmaceutical Research</i> , <b>2007</b> , 24, 1844-53	4.5	96
216	Refining stability and dissolution rate of amorphous drug formulations. <i>Expert Opinion on Drug Delivery</i> , <b>2014</b> , 11, 977-89	8	95
215	In vitro digestion testing of lipid-based delivery systems: calcium ions combine with fatty acids liberated from triglyceride rich lipid solutions to form soaps and reduce the solubilization capacity of colloidal digestion products. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 441, 323-33	6.5	91
214	Bioavailability of seocalcitol II: development and characterisation of self-microemulsifying drug delivery systems (SMEDDS) for oral administration containing medium and long chain triglycerides. <i>European Journal of Pharmaceutical Sciences</i> , <b>2006</b> , 28, 233-42	5.1	91
213	Lipid-based formulations for danazol containing a digestible surfactant, Labrafil M2125CS: in vivo bioavailability and dynamic in vitro lipolysis. <i>Pharmaceutical Research</i> , <b>2008</b> , 25, 2769-77	4.5	89
212	Effect of liquid volume and food intake on the absolute bioavailability of danazol, a poorly soluble drug. <i>European Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 24, 297-303	5.1	89
211	In vitro lipolysis data does not adequately predict the in vivo performance of lipid-based drug delivery systems containing fenofibrate. <i>AAPS Journal</i> , <b>2014</b> , 16, 539-49	3.7	84
210	Oral biopharmaceutics tools - time for a new initiative - an introduction to the IMI project OrBiTo. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 57, 292-9	5.1	80
209	Toward the establishment of standardized in vitro tests for lipid-based formulations, part 3: understanding supersaturation versus precipitation potential during the in vitro digestion of type I, II, IIIA, IIIB and IV lipid-based formulations. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 3059-76	4.5	78
208	Oral bioavailability of cinnarizine in dogs: relation to SNEDDS droplet size, drug solubility and in vitro precipitation. <i>European Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 48, 339-50	5.1	78
207	In vitro lipid digestion models in design of drug delivery systems for enhancing oral bioavailability. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2008</b> , 4, 65-76	5.5	75
206	Oral delivery of peptides and proteins using lipid-based drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , <b>2012</b> , 9, 1289-304	8	71
205	Biorelevant media simulating fed state intestinal fluids: colloid phase characterization and impact on solubilization capacity. <i>Journal of Pharmaceutical Sciences</i> , <b>2010</b> , 99, 3522-32	3.9	71

204	Property profiling of biosimilar mucus in a novel mucus-containing in vitro model for assessment of intestinal drug absorption. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 87, 227-35	5.7	70
203	Characterising lipid lipolysis and its implication in lipid-based formulation development. <i>AAPS Journal</i> , <b>2012</b> , 14, 860-71	3.7	66
202	Dissolution of hydrocortisone in human and simulated intestinal fluids. <i>Pharmaceutical Research</i> , <b>2000</b> , 17, 183-9	4.5	66
201	Self-nanoemulsifying drug delivery systems for oral insulin delivery: in vitro and in vivo evaluations of enteric coating and drug loading. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 477, 390-8	6.5	65
200	Adsorption of pharmaceutical excipients onto microcrystals of siramesine hydrochloride: effects on physicochemical properties. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2009</b> , 71, 109-16	5.7	64
199	Impact of gastrointestinal physiology on drug absorption in special populations--An UNGAP review. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 147, 105280	5.1	63
198	Insights into the early dissolution events of amlodipine using UV imaging and Raman spectroscopy. <i>Molecular Pharmaceutics</i> , <b>2011</b> , 8, 1372-80	5.6	61
197	Clinical studies with oral lipid based formulations of poorly soluble compounds. <i>Therapeutics and Clinical Risk Management</i> , <b>2007</b> , 3, 591-604	2.9	61
196	Intestinal lymphatic transport of halofantrine in rats assessed using a chylomicron flow blocking approach: the influence of polysorbate 60 and 80. <i>European Journal of Pharmaceutical Sciences</i> , <b>2008</b> , 35, 211-8	5.1	60
195	Influence of lipid composition and drug load on the In Vitro performance of self-nanoemulsifying drug delivery systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 101, 1721-31	3.9	59
194	Colloidal structures in media simulating intestinal fed state conditions with and without lipolysis products. <i>Pharmaceutical Research</i> , <b>2009</b> , 26, 361-74	4.5	59
193	The effect of alpha-tocopherol on the in vitro solubilisation of lipophilic drugs. <i>International Journal of Pharmaceutics</i> , <b>2001</b> , 222, 217-24	6.5	59
192	Analysis of 3D Prints by X-ray Computed Microtomography and Terahertz Pulsed Imaging. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 1037-1052	4.5	58
191	In vitro models for the prediction of in vivo performance of oral dosage forms: Recent progress from partnership through the IMI OrBiTo collaboration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 136, 70-83	5.7	58
190	Fed and fasted state gastro-intestinal in vitro lipolysis: In vitro in vivo relations of a conventional tablet, a SNEDDS and a solidified SNEDDS. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 57, 232-9	5.1	57
189	Characterization of fasted human gastric fluid for relevant rheological parameters and gastric lipase activities. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 85, 958-65	5.7	56
188	Absorption of triglycerides with defined or random structure by rats with biliary and pancreatic diversion. <i>Lipids</i> , <b>1995</b> , 30, 521-6	1.6	55
187	Polymer-filled microcontainers for oral delivery loaded using supercritical impregnation. <i>Journal of Controlled Release</i> , <b>2014</b> , 173, 1-9	11.7	54

186	Structured triglyceride vehicles for oral delivery of halofantrine: examination of intestinal lymphatic transport and bioavailability in conscious rats. <i>Pharmaceutical Research</i> , <b>2002</b> , 19, 1354-61	4.5	53
185	Insights into intermediate phases of human intestinal fluids visualized by atomic force microscopy and cryo-transmission electron microscopy ex vivo. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 237-47	5.6	52
184	Characterization of prototype self-nanoemulsifying formulations of lipophilic compounds. <i>Journal of Pharmaceutical Sciences</i> , <b>2007</b> , 96, 876-92	3.9	51
183	Polymeric microcontainers improve oral bioavailability of furosemide. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 504, 98-109	6.5	51
182	Solid cellulose nanofiber based foams - Towards facile design of sustained drug delivery systems. <i>Journal of Controlled Release</i> , <b>2016</b> , 244, 74-82	11.7	50
181	Spatial confinement can lead to increased stability of amorphous indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2012</b> , 81, 418-25	5.7	50
180	Characterization and physical stability of spray dried solid dispersions of probucol and PVP-K30. <i>Pharmaceutical Development and Technology</i> , <b>2008</b> , 13, 375-86	3.4	50
179	Toward the establishment of standardized in vitro tests for lipid-based formulations. 5. Lipolysis of representative formulations by gastric lipase. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 1279-87	4.5	49
178	In vitro digestion models to evaluate lipid based drug delivery systems; present status and current trends. <i>Advanced Drug Delivery Reviews</i> , <b>2019</b> , 142, 35-49	18.5	49
177	From concept to in vivo testing: Microcontainers for oral drug delivery. <i>Journal of Controlled Release</i> , <b>2017</b> , 268, 343-351	11.7	48
176	Enzyme supplementation of wheat-based diets for broilers: 1. Effect on growth performance and intestinal viscosity. <i>Animal Feed Science and Technology</i> , <b>1998</b> , 75, 27-43	3	48
175	Preparation of an amorphous sodium furosemide salt improves solubility and dissolution rate and leads to a faster Tmax after oral dosing to rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 85, 942-51	5.7	47
174	The biopharmaceutics risk assessment roadmap for optimizing clinical drug product performance. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 3377-3397	3.9	45
173	Toward the establishment of standardized in vitro tests for lipid-based formulations, part 6: effects of varying pancreatin and calcium levels. <i>AAPS Journal</i> , <b>2014</b> , 16, 1344-57	3.7	45
172	Development of simulated intestinal fluids containing nutrients as transport media in the Caco-2 cell culture model: assessment of cell viability, monolayer integrity and transport of a poorly aqueous soluble drug and a substrate of efflux mechanisms. <i>European Journal of Pharmaceutical Sciences</i> , <b>2007</b> , 32, 261-70	5.1	45
171	Using biorelevant dissolution to obtain IVIVC of solid dosage forms containing a poorly-soluble model compound. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2008</b> , 69, 648-57	5.7	43
170	Bioavailability of seocalcitol I: Relating solubility in biorelevant media with oral bioavailability in rats--effect of medium and long chain triglycerides. <i>Journal of Pharmaceutical Sciences</i> , <b>2005</b> , 94, 1830-8	3.9	43
169	In vitro-in vivo correlations of self-emulsifying drug delivery systems combining the dynamic lipolysis model and neuro-fuzzy networks. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2008</b> , 69, 887-98	5.7	41

168	Hydrolysed pea proteins mitigate in vitro wheat starch digestibility. <i>Food Hydrocolloids</i> , <b>2018</b> , 79, 117-126.	6.6	40
167	Enzyme supplementation of wheat-based diets for broilers. <i>Animal Feed Science and Technology</i> , <b>1998</b> , 75, 45-64	3	40
166	Comparison of total oral bioavailability and the lymphatic transport of halofantrine from three different unsaturated triglycerides in lymph-cannulated conscious rats. <i>European Journal of Pharmaceutical Sciences</i> , <b>2001</b> , 14, 331-7	5.1	40
165	Studying the Propensity of Compounds to Supersaturate: A Practical and Broadly Applicable Approach. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 3021-3029	3.9	39
164	Application of a Salt Coformer in a Co-Amorphous Drug System Dramatically Enhances the Glass Transition Temperature: A Case Study of the Ternary System Carbamazepine, Citric Acid, and L-Arginine. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 2036-2044	5.6	38
163	Toward the establishment of standardized in vitro tests for lipid-based formulations, part 4: proposing a new lipid formulation performance classification system. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 2441-55	3.9	36
162	Solid lipid particles for oral delivery of peptide and protein drugs I—elucidating the release mechanism of lysozyme during lipolysis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2013</b> , 85, 473-80	5.7	36
161	Comparison of lipases for in vitro models of gastric digestion: lipolysis using two infant formulas as model substrates. <i>Food and Function</i> , <b>2016</b> , 7, 3989-3998	6.1	35
160	Steric and interactive barrier properties of intestinal mucus elucidated by particle diffusion and peptide permeation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 95, 136-43	5.7	35
159	Enzymatic characterization of lipid-based drug delivery systems. <i>International Journal of Pharmaceutics</i> , <b>2005</b> , 298, 328-32	6.5	35
158	Survival of <i>Lactobacillus acidophilus</i> NCFM and <i>Bifidobacterium lactis</i> HN019 encapsulated in chocolate during in vitro simulated passage of the upper gastrointestinal tract. <i>LWT - Food Science and Technology</i> , <b>2016</b> , 74, 404-410	5.4	33
157	Kolliphor surfactants affect solubilization and bioavailability of fenofibrate. Studies of in vitro digestion and absorption in rats. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 1062-71	5.6	32
156	SNEDDS Containing Poorly Water Soluble Cinnarizine; Development and in Vitro Characterization of Dispersion, Digestion and Solubilization. <i>Pharmaceutics</i> , <b>2012</b> , 4, 641-65	6.4	32
155	Bioavailability of seocalcitol III. Administration of lipid-based formulations to minipigs in the fasted and fed state. <i>European Journal of Pharmaceutical Sciences</i> , <b>2007</b> , 31, 8-15	5.1	32
154	Biorelevant dissolution media: aggregation of amphiphiles and solubility of estradiol. <i>Journal of Pharmaceutical Sciences</i> , <b>2006</b> , 95, 248-55	3.9	31
153	Development of a high-throughput in vitro intestinal lipolysis model for rapid screening of lipid-based drug delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 94, 493-500	5.7	30
152	Interlaboratory Validation of Small-Scale Solubility and Dissolution Measurements of Poorly Water-Soluble Drugs. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 2864-2872	3.9	30
151	The Effect of Digestion and Drug Load on Halofantrine Absorption from Self-nanoemulsifying Drug Delivery System (SNEDDS). <i>AAPS Journal</i> , <b>2016</b> , 18, 180-6	3.7	30



150	Investigating the correlation between in vivo absorption and in vitro release of fenofibrate from lipid matrix particles in biorelevant medium. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 51, 204-10	5.1	30
149	Cinnarizine food-effects in beagle dogs can be avoided by administration in a Self Nano Emulsifying Drug Delivery System (SNEDDS). <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 57, 164-72	5.1	30
148	Dissolution of solid lipid extrudates in biorelevant media. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 422, 116-24	6.5	30
147	Preparation and characterization of insulin-surfactant complexes for loading into lipid-based drug delivery systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 102, 2689-98	3.9	30
146	Optimization of self nanoemulsifying drug delivery system for poorly water-soluble drug using response surface methodology. <i>Drug Development and Industrial Pharmacy</i> , <b>2013</b> , 39, 799-806	3.6	30
145	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
144	Impact of Lipid-Based Drug Delivery Systems on the Transport and Uptake of Insulin Across Caco-2 Cell Monolayers. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 2743-2751	3.9	30
143	Are phytosomes a superior nanodelivery system for the antioxidant rutin?. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 548, 82-91	6.5	30
142	Lipophilic prodrugs of apomorphine I: preparation, characterisation, and in vitro enzymatic hydrolysis in biorelevant media. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 89, 216-23	5.7	29
141	Comparison of the lymphatic transport of halofantrine administered in disperse systems containing three different unsaturated fatty acids. <i>Pharmaceutical Research</i> , <b>2001</b> , 18, 1299-304	4.5	29
140	Separation and detection of phospholipid hydroperoxides in the low nanomolar range by a high performance liquid chromatography/ironthiocyanate assay. <i>Lipids</i> , <b>1990</b> , 25, 415-8	1.6	29
139	The ability of two in vitro lipolysis models reflecting the human and rat gastro-intestinal conditions to predict the in vivo performance of SNEDDS dosing regimens. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 124, 116-124	5.7	28
138	Solid lipid particles for oral delivery of peptide and protein drugs II--the digestion of trilaurin protects desmopressin from proteolytic degradation. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 2420-8	4.5	28
137	A new approach to dissolution testing by UV imaging and finite element simulations. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 1328-37	4.5	28
136	pH-triggered drug release from biodegradable microwells for oral drug delivery. <i>Biomedical Microdevices</i> , <b>2015</b> , 17, 9958	3.7	28
135	Cellulose Nanopaper and Nanofoam for Patient-Tailored Drug Delivery. <i>Advanced Materials Interfaces</i> , <b>2017</b> , 4, 1600655	4.6	27
134	Elucidating the Molecular Interactions Occurring during Drug Precipitation of Weak Bases from Lipid-Based Formulations: A Case Study with Cinnarizine and a Long Chain Self-Nanoemulsifying Drug Delivery System. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 4067-76	5.6	26
133	In Vivo Precipitation of Poorly Soluble Drugs from Lipid-Based Drug Delivery Systems. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 3417-3426	5.6	26

132	Biorelevant characterisation of amorphous furosemide salt exhibits conversion to a furosemide hydrate during dissolution. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 457, 14-24	6.5	26
131	Exploring the fate of liposomes in the intestine by dynamic in vitro lipolysis. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 437, 253-63	6.5	26
130	Physicochemical Characterization of Simulated Intestinal Fed-State Fluids Containing Lyso-Phosphatidylcholine and Cholesterol. <i>Dissolution Technologies</i> , <b>2009</b> , 16, 47-50	1.7	26
129	Effect of food intake and co-administration of placebo self-nanoemulsifying drug delivery systems on the absorption of cinnarizine in healthy human volunteers. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 84, 77-82	5.1	24
128	Bioavailability of cinnarizine in dogs: effect of SNEDDS loading level and correlation with cinnarizine solubilization during in vitro lipolysis. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 3101-13	4.5	24
127	Real-time dissolution behavior of furosemide in biorelevant media as determined by UV imaging. <i>Pharmaceutical Development and Technology</i> , <b>2013</b> , 18, 1407-16	3.4	24
126	Influence of drug load and physical form of cinnarizine in new SNEDDS dosing regimens: in vivo and in vitro evaluations. <i>AAPS Journal</i> , <b>2017</b> , 19, 587-594	3.7	23
125	In Vitro Model Simulating Gastro-Intestinal Digestion in the Pediatric Population (Neonates and Young Infants). <i>AAPS PharmSciTech</i> , <b>2017</b> , 18, 317-329	3.9	23
124	Influence of the type of surfactant and the degree of dispersion on the lymphatic transport of halofantrine in conscious rats. <i>Pharmaceutical Research</i> , <b>2004</b> , 21, 1413-8	4.5	23
123	Fat emulsions based on structured lipids (1,3-specific triglycerides): an investigation of the in vivo fate. <i>Pharmaceutical Research</i> , <b>1996</b> , 13, 725-8	4.5	23
122	Microcontainers for oral insulin delivery - In vitro studies of permeation enhancement. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 143, 98-105	5.7	22
121	Effect of composition of simulated intestinal media on the solubility of poorly soluble compounds investigated by design of experiments. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 111, 311-319	5.1	22
120	Formulation and characterization of self-nanoemulsifying drug delivery systems containing monoacyl phosphatidylcholine. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 502, 151-60	6.5	22
119	Biodegradable microcontainers - towards real life applications of microfabricated systems for oral drug delivery. <i>Lab on A Chip</i> , <b>2019</b> , 19, 2905-2914	7.2	22
118	Influence of bile on the absorption of halofantrine from lipid-based formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2012</b> , 81, 281-7	5.7	22
117	Effects of polysorbate 80 on the in-vitro precipitation and oral bioavailability of halofantrine from polyethylene glycol 400 formulations in rats. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 62, 63-70	4.8	21
116	In vitro and in vivo performance of monoacyl phospholipid-based self-emulsifying drug delivery systems. <i>Journal of Controlled Release</i> , <b>2017</b> , 255, 45-53	11.7	20
115	Bioinspired Layer-by-Layer Microcapsules Based on Cellulose Nanofibers with Switchable Permeability. <i>Biomacromolecules</i> , <b>2017</b> , 18, 1401-1410	6.9	20



114	Development and characterization of clove oil nanoemulsions and self-microemulsifying drug delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , <b>2018</b> , 46, 330-338	4.5	20
113	Anhydrate to hydrate solid-state transformations of carbamazepine and nitrofurantoin in biorelevant media studied in situ using time-resolved synchrotron X-ray diffraction. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2016</b> , 100, 119-27	5.7	19
112	Metabolism of emulsions containing medium- and long-chain triglycerides or interesterified triglycerides. <i>Journal of Lipid Research</i> , <b>1994</b> , 35, 1850-60	6.3	19
111	SEDDS for intestinal absorption of insulin: Application of Caco-2 and Caco-2/HT29 co-culture monolayers and intra-jejunal instillation in rats. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 560, 377-384	6.5	19
110	The Influence of Polymers on the Supersaturation Potential of Poor and Good Glass Formers. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	19
109	Formulation of self-nanoemulsifying drug delivery systems containing monoacyl phosphatidylcholine and Kolliphor RH40 using experimental design. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 13, 536-545	9	18
108	In vivo evaluation of lipid-based formulations for oral delivery of apomorphine and its diester prodrugs. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 513, 211-217	6.5	18
107	Recent developments in oral lipid-based drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , <b>2013</b> , 23, 375-382	4.5	18
106	Effect of bile on the oral absorption of halofantrine in polyethylene glycol 400 and polysorbate 80 formulations dosed to bile duct cannulated rats. <i>Journal of Pharmacy and Pharmacology</i> , <b>2011</b> , 63, 817-24	4.8	18
105	Fenofibrate oral absorption from SNEDDS and super-SNEDDS is not significantly affected by lipase inhibition in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 142, 258-264	5.7	17
104	Combining in vitro and in silico methods for better prediction of surfactant effects on the absorption of poorly water soluble drugs-a fenofibrate case example. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 473, 356-65	6.5	17
103	In vitro and in vivo evaluations of the performance of an indirubin derivative, formulated in four different self-emulsifying drug delivery systems. <i>Journal of Pharmacy and Pharmacology</i> , <b>2014</b> , 66, 1567-75	4.8	17
102	Stabilisation of amorphous furosemide increases the oral drug bioavailability in rats. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 490, 334-40	6.5	17
101	A novel excipient, 1-perfluorohexyloctane shows limited utility for the oral delivery of poorly water-soluble drugs. <i>European Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 42, 416-22	5.1	17
100	Phase transformations of amlodipine besylate solid forms. <i>Journal of Pharmaceutical Sciences</i> , <b>2011</b> , 100, 2896-910	3.9	17
99	Evaluation of the use of Göttingen minipigs to predict food effects on the oral absorption of drugs in humans. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 135-43	3.9	16
98	Investigation of Mucoadhesion and Degradation of PCL and PLGA Microcontainers for Oral Drug Delivery. <i>Polymers</i> , <b>2019</b> , 11,	4.5	16
97	An updated and simplified method for bile duct cannulation of rats. <i>Laboratory Animals</i> , <b>2010</b> , 44, 373-6	2.6	16

96	Solution or suspension - Does it matter for lipid based systems? In vivo studies of chase dosing lipid vehicles with aqueous suspensions of a poorly soluble drug. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 117, 308-314	5.7	15
95	Buccal absorption of diazepam is improved when administered in bioadhesive tablets-An in vivo study in conscious Göttingen mini-pigs. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 515, 125-131	6.5	15
94	Optimizing Clinical Drug Product Performance: Applying Biopharmaceutics Risk Assessment Roadmap (BioRAM) and the BioRAM Scoring Grid. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 3243-3253	3.9	15
93	Polymeric Lids for Microcontainers for Oral Protein Delivery. <i>Macromolecular Bioscience</i> , <b>2019</b> , 19, e1900094	5.9	14
92	Structural features of colloidal species in the human fasted upper small intestine. <i>Journal of Pharmacy and Pharmacology</i> , <b>2015</b> , 67, 486-92	4.8	14
91	Supersaturation of zafirlukast in fasted and fed state intestinal media with and without precipitation inhibitors. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 91, 31-9	5.1	14
90	Developing a predictive in vitro dissolution model based on gastrointestinal fluid characterisation in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 142, 307-314	5.7	14
89	Feasibility of capsule endoscopy for direct imaging of drug delivery systems in the fasted upper-gastrointestinal tract. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 2044-53	4.5	14
88	Floating solid cellulose nanofibre nanofoams for sustained release of the poorly soluble model drug furosemide. <i>Journal of Pharmacy and Pharmacology</i> , <b>2017</b> , 69, 1477-1484	4.8	14
87	Ex vivo correlation of the permeability of metoprolol across human and porcine buccal mucosa. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 2053-2061	3.9	14
86	Amorphous is not always better-A dissolution study on solid state forms of carbamazepine. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 522, 74-79	6.5	13
85	Improving the drug load and in vitro performance of supersaturated self-nanoemulsifying drug delivery systems (super-SNEDDS) using polymeric precipitation inhibitors. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 575, 118960	6.5	13
84	Efficacy of oral lipid-based formulations of apomorphine and its diester in a Parkinson's disease rat model. <i>Journal of Pharmacy and Pharmacology</i> , <b>2017</b> , 69, 1110-1115	4.8	12
83	Ex vivo intestinal perfusion model for investigating mucoadhesion of microcontainers. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 570, 118658	6.5	12
82	Apomorphine and its esters: Differences in Caco-2 cell permeability and chylomicron affinity. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 509, 499-506	6.5	12
81	Increased concentration of plasminogen activator inhibitor type-1 in plasma after intake of fish oil. <i>Fibrinolysis</i> , <b>1990</b> , 4, 86-88		12
80	Six years of progress in the oral biopharmaceutics area - A summary from the IMI OrBiTo project. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 152, 236-247	5.7	12
79	Monoacyl phosphatidylcholine inhibits the formation of lipid multilamellar structures during in vitro lipolysis of self-emulsifying drug delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 108, 62-70	5.1	11

78	Towards the development of Self-Nano-Emulsifying Drug Delivery Systems (SNEDDS) containing trimethyl chitosan for the oral delivery of amphotericin B: In vitro assessment and cytocompatibility studies. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 56, 101524	4.5	11
77	Self-microemulsifying drug delivery system and nanoemulsion for enhancing aqueous miscibility of Alpinia galanga oil. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188848	3.7	11
76	A slow cooling rate of indomethacin melt spatially confined in microcontainers increases the physical stability of the amorphous drug without influencing its biorelevant dissolution behaviour. <i>Drug Delivery and Translational Research</i> , <b>2014</b> , 4, 268-74	6.2	11
75	Influence of the solid form of siramesine hydrochloride on its behavior in aqueous environments. <i>Pharmaceutical Research</i> , <b>2009</b> , 26, 846-54	4.5	11
74	Comparison of the lymphatic transport of a lipophilic drug from vehicles containing alpha-tocopherol and/or triglycerides in rats. <i>Journal of Pharmacy and Pharmacology</i> , <b>2001</b> , 53, 1439-45	4.8	11
73	Effect of different surfactants in biorelevant medium on the secretion of a lipophilic compound in lipoproteins using Caco-2 cell culture. <i>Journal of Pharmaceutical Sciences</i> , <b>2006</b> , 95, 45-55	3.9	11
72	Bioavailability of seocalcitol IV: evaluation of lymphatic transport in conscious rats. <i>Pharmaceutical Research</i> , <b>2006</b> , 23, 2681-8	4.5	11
71	Graphene oxide as a functional excipient in buccal films for delivery of clotrimazole: Effect of molecular interactions on drug release and antifungal activity in vitro. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 589, 119811	6.5	11
70	Investigation of the Intra- and Interlaboratory Reproducibility of a Small Scale Standardized Supersaturation and Precipitation Method. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 4161-4169	5.6	10
69	Evaluation of self-emulsifying drug delivery systems for oral insulin delivery using an in vitro model simulating the intestinal proteolysis. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 147, 105272	5.1	10
68	In Vitro, Ex Vivo and In Vivo Evaluation of Microcontainers for Oral Delivery of Insulin. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	10
67	In vivo anesthetic effect and mechanism of action of active compounds from Alpinia galanga oil on Cyprinus carpio (koi carp). <i>Aquaculture</i> , <b>2018</b> , 496, 176-184	4.4	10
66	Azone decreases the buccal mucosal permeation of diazepam in a concentration-dependent manner via a reservoir effect. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 1133-41	3.9	10
65	Studying furosemide solubilization using an in vitro model simulating gastrointestinal digestion and drug solubilization in neonates and young infants. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 109, 191-199	5.1	10
64	In Vitro Evaluation of Self-Nano-Emulsifying Drug Delivery Systems (SNEDDS) Containing Room Temperature Ionic Liquids (RTILs) for the Oral Delivery of Amphotericin B. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	10
63	INFOGEST inter-laboratory recommendations for assaying gastric and pancreatic lipases activities prior to in vitro digestion studies. <i>Journal of Functional Foods</i> , <b>2021</b> , 82, 104497	5.1	10
62	Biorelevant intrinsic dissolution profiling in early drug development: Fundamental, methodological, and industrial aspects. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 139, 101-114	5.7	9
61	Exploring the utility of the Chasing Principle: influence of drug-free SNEDDS composition on solubilization of carvedilol, cinnarizine and R3040 in aqueous suspension. <i>Acta Pharmaceutica Sinica B</i> , <b>2019</b> , 9, 194-201	15.5	9

60	Impact of sodium dodecyl sulphate on the dissolution of poorly soluble drug into biorelevant medium from drug-surfactant discs. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 467, 1-8	6.5	9
59	Unravelling the ultrastructure of ascending colon fluids from patients with ulcerative colitis by cryogenic transmission electron microscopy. <i>Journal of Pharmacy and Pharmacology</i> , <b>2013</b> , 65, 1482-7	4.8	9
58	Determination of surface-adsorbed excipients of various types on drug particles prepared by antisolvent precipitation using HPLC with evaporative light scattering detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 44, 874-80	3.5	9
57	Milk osteopontin retains integrin-binding activity after in vitro gastrointestinal transit. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 42-51	4	9
56	Rhamnogalacturonan-I Based Microcapsules for Targeted Drug Release. <i>PLoS ONE</i> , <b>2016</b> , 11, e0168050	3.7	9
55	In vivo models and decision trees for formulation development in early drug development: A review of current practices and recommendations for biopharmaceutical development. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 142, 222-231	5.7	8
54	Development of a Video-Microscopic Tool To Evaluate the Precipitation Kinetics of Poorly Water Soluble Drugs: A Case Study with Tadalafil and HPMC. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 4154-4160	5.6	8
53	Effect of supersaturation on absorption of indomethacin and tadalafil in a single pass intestinal perfusion rat model, in the absence and presence of a precipitation inhibitor. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 151, 108-115	5.7	8
52	Towards analyzing the potential of exosomes to deliver microRNA therapeutics. <i>Journal of Cellular Physiology</i> , <b>2021</b> , 236, 1529-1544	7	8
51	Solid lipid particles for oral delivery of peptide and protein drugs III - the effect of fed state conditions on the in vitro release and degradation of desmopressin. <i>AAPS Journal</i> , <b>2014</b> , 16, 875-83	3.7	7
50	Miniaturized approach for excipient selection during the development of oral solid dosage form. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 900-8	3.9	7
49	Comparison of induction methods for supersaturation: Amorphous dissolution versus solvent shift. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 152, 35-43	5.7	7
48	Achieving delayed release of freeze-dried probiotic strains by extrusion, spheronization and fluid bed coating - evaluated using a three-step in vitro model. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 591, 120022	6.5	7
47	Design of a self-unfolding delivery concept for oral administration of macromolecules. <i>Journal of Controlled Release</i> , <b>2021</b> , 329, 948-954	11.7	7
46	High-Throughput Lipolysis in 96-Well Plates for Rapid Screening of Lipid-Based Drug Delivery Systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 1183-1186	3.9	6
45	Image Analytical Approach for Needle-Shaped Crystal Counting and Length Estimation. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 4876-4885	3.5	6
44	Lymphatic fatty acids in canines dosed with pharmaceutical formulations containing structured triacylglycerols. <i>European Journal of Lipid Science and Technology</i> , <b>2006</b> , 108, 714-722	3	6
43	Using in vitro lipolysis and SPECT/CT in vivo imaging to understand oral absorption of fenofibrate from lipid-based drug delivery systems. <i>Journal of Controlled Release</i> , <b>2020</b> , 317, 375-384	11.7	6

42	Formulation of co-amorphous systems from naproxen and naproxen sodium and in situ monitoring of physicochemical state changes during dissolution testing by Raman spectroscopy. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 587, 119662	6.5	6
41	Enhancing Stability and Tooth Bleaching Activity of Carbamide Peroxide by Electrospun Nanofibrous Film. <i>Pharmaceutics</i> , <b>2020</b> , 13,	5.2	6
40	Adding a Gastric Step to the Intestinal Digestion Model Improves the Prediction of Pharmacokinetic Data in Beagle Dogs of Two Lipid-Based Drug Delivery Systems. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 3214-3222	5.6	6
39	Development of a Dissolution-Permeation model with in situ drug concentration monitoring. <i>Journal of Drug Delivery Science and Technology</i> , <b>2016</b> , 35, 223-233	4.5	6
38	A fast and novel internal calibration method for quantitative Raman measurements on aqueous solutions. <i>Analytical Methods</i> , <b>2018</b> , 10, 3589-3593	3.2	6
37	Mapping the intermediate digestion phases of human healthy intestinal contents from distal ileum and caecum at fasted and fed state conditions. <i>Journal of Pharmacy and Pharmacology</i> , <b>2017</b> , 69, 265-273	4.8	5
36	Dissolution enhancement of griseofulvin from griseofulvin-sodium dodecyl sulfate discs investigated by UV imaging. <i>Journal of Drug Delivery Science and Technology</i> , <b>2017</b> , 39, 516-522	4.5	5
35	Development of Self-Emulsifying Drug Delivery Systems (SEDDS) for Oral Bioavailability Enhancement of Poorly Soluble Drugs <b>2013</b> , 225-245		5
34	Estimating the Oral Absorption from Self-Nanoemulsifying Drug Delivery Systems Using an In Vitro Lipolysis-Permeation Method. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	5
33	Predicting Oral Absorption of fenofibrate in Lipid-Based Drug Delivery Systems by Combining In Vitro Lipolysis with the Mucus-PVPA Permeability Model. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 110, 208-216	3.9	5
32	Using Potentiometric Free Drug Sensors to Determine the Free Concentration of Ionizable Drugs in Colloidal Systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 103-112	3.9	4
31	The preparation of magnetically guided lipid based nanoemulsions using self-emulsifying technology. <i>Nanotechnology</i> , <b>2010</b> , 21, 055104	3.4	4
30	Oligonucleotide Delivery across the Caco-2 Monolayer: The Design and Evaluation of Self-Emulsifying Drug Delivery Systems (SEDDS). <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	4
29	Biorelevant Dissolution Media <b>2007</b> , 151-177		3
28	Evaluating side-by-side diffusion models for studying drug supersaturation in an absorptive environment: a case example of fenofibrate and felodipine. <i>Journal of Pharmacy and Pharmacology</i> , <b>2020</b> , 72, 371-384	4.8	3
27	Integrated Multi-stakeholder Systems Thinking Strategy: Decision-making with Biopharmaceutics Risk Assessment Roadmap (BioRAM) to Optimize Clinical Performance of Drug Products. <i>AAPS Journal</i> , <b>2020</b> , 22, 97	3.7	3
26	X-ray Imaging for Gastrointestinal Tracking of Microscale Oral Drug Delivery Devices. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 2538-2547	5.5	3
25	Fasted and fed state human duodenal fluids: Characterization, drug solubility, and comparison to simulated fluids and with human bioavailability. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 163, 240-251	5.7	3



24	Design and optimization of self-nanoemulsifying drug delivery systems of clove oil for efficacy enhancement in fish anesthesia. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 61, 102241	4.5	3
23	Dairy-Derived Emulsifiers in Infant Formula Show Marginal Effects on the Plasma Lipid Profile and Brain Structure in Preterm Piglets Relative to Soy Lecithin. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	3
22	Bovine Milk-Derived Emulsifiers Increase Triglyceride Absorption in Newborn Formula-Fed Pigs. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	3
21	Characterization of the Hydrodynamics in a Miniaturized Dissolution Apparatus. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 1095-1103	3.9	2
20	Comparison of induction methods for supersaturation: pH shift versus solvent shift. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 573, 118862	6.5	2
19	Visualizing the Journey of Fenofibrate through the Rat Gastrointestinal Tract by Matrix-Assisted Laser Desorption/Ionization-Mass Spectrometry Imaging. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 2189-2197	5.6	2
18	In vitro and in vivo comparison of microcontainers and microspheres for oral drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 600, 120516	6.5	2
17	Development of gastro-resistant coated probiotic granulates and evaluation of viability and release during simulated upper gastrointestinal transit. <i>LWT - Food Science and Technology</i> , <b>2021</b> , 144, 111174	5.4	2
16	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
15	Effects of recombinant human gastric lipase and pancreatin during in vitro pediatric gastro-intestinal digestion. <i>Food and Function</i> , <b>2021</b> , 12, 2938-2949	6.1	2
14	Development of Self-Nanoemulsifying Drug Delivery Systems Containing 4-Allylpyrocatechol for Treatment of Oral Infections Caused by. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
13	Evaluating Oral Drug Delivery Systems: Dissolution Models. <i>Advances in Delivery Science and Technology</i> , <b>2016</b> , 753-771		1
12	Evaluating Oral Drug Delivery Systems: Digestion Models. <i>Advances in Delivery Science and Technology</i> , <b>2016</b> , 773-790		1
11	Exploring the Impact of Intestinal Fluid Components on the Solubility and Supersaturation of Danazol. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 110, 2479-2488	3.9	1
10	Drug solubilization during simulated pediatric gastro-intestinal digestion. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 162, 105828	5.1	1
9	Formulation optimization, anesthetic activity, skin permeation, and transportation pathway of Alpinia galanga oil SNEDDS in zebrafish ( <i>Danio rerio</i> ). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 165, 193-202	5.7	1
8	Investigating the effect of graphene oxide in chitosan/alginate-based foams on the release and antifungal activity of clotrimazole in vitro.. <i>European Journal of Pharmaceutical Sciences</i> , <b>2022</b> , 106204	5.1	1
7	Physico-chemical characterization of aspirated and simulated human gastric fluids to study their influence on the intrinsic dissolution rate of cinnarizine. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 622, 121856	6.5	1



6	Hot punching for loading of biodegradable microcontainers with budesonide-Soluplus film. <i>Biomedical Microdevices</i> , <b>2021</b> , 23, 37	3.7	o
5	The Influence of Solidification on the in vitro Solubilisation of Blonanserine Loaded Supersaturated Lipid-Based Oral Formulations. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 157, 105640	5.1	o
4	Elucidating Pathway and Anesthetic Mechanism of Action of Clove Oil Nanoformulations in Fish. <i>Pharmaceutics</i> , <b>2022</b> , 14, 919	6.4	o
3	Using resin to generate a non-invasive intestinal bile-depleted rat model was unsuccessful. <i>European Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 47, 347-51	5.1	
2	Effect of centrifugation speed on the measured equilibrium solubility of poorly water-soluble compounds in viscous solvents. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 59, 101853	4.5	
1	Impact of oral gavage technique of drug-containing microcontainers on the gastrointestinal transit and absorption in rats.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 121630	6.5	