Anette MÃ¼llertz

List of Publications by Year
in descending order

243 papers	11,082 citations	22153 59 h-index	42399 92 g-index
250 all docs	250 docs citations	250 times ranked	7365 citing authors

#	Article	IF	Citations
1	In vitro models for the prediction of in vivo performance of oral dosage forms. European Journal of Pharmaceutical Sciences, 2014, 57, 342-366.	4.0	297
2	Lipid-based formulations for oral administration of poorly water-soluble drugs. International Journal of Pharmaceutics, 2013, 453, 215-224.	5.2	265
3	A dynamic in vitro lipolysis model. European Journal of Pharmaceutical Sciences, 2001, 14, 115-122.	4.0	254
4	New perspectives on lipid and surfactant based drug delivery systems for oral delivery of poorly soluble drugs. Journal of Pharmacy and Pharmacology, 2010, 62, 1622-1636.	2.4	246
5	Successful oral delivery of poorly water-soluble drugs both depends on the intraluminal behavior of drugs and of appropriate advanced drug delivery systems. European Journal of Pharmaceutical Sciences, 2019, 137, 104967.	4.0	222
6	Early pharmaceutical profiling to predict oral drug absorption: Current status and unmet needs. European Journal of Pharmaceutical Sciences, 2014, 57, 173-199.	4.0	221
7	Comparison of drug transporter gene expression and functionality in Caco-2 cells from 10 different laboratories. European Journal of Pharmaceutical Sciences, 2008, 35, 383-396.	4.0	220
8	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. Journal of Pharmaceutical Sciences, 2012, 101, 3360-3380.	3.3	217
9	A dynamic in vitro lipolysis model. European Journal of Pharmaceutical Sciences, 2001, 14, 237-244.	4.0	184
10	In vitro and in vivo performance of novel supersaturated self-nanoemulsifying drug delivery systems (super-SNEDDS). Journal of Controlled Release, 2012, 160, 25-32.	9.9	178
11	Solubilisation of poorly water-soluble drugs during in vitro lipolysis of medium- and long-chain triacylglycerols. European Journal of Pharmaceutical Sciences, 2004, 23, 287-296.	4.0	171
12	Bile salts and their importance for drug absorption. International Journal of Pharmaceutics, 2013, 453, 44-55.	5.2	158
13	In vivo in vitro correlations for a poorly soluble drug, danazol, using the flow-through dissolution method with biorelevant dissolution media. European Journal of Pharmaceutical Sciences, 2005, 24, 305-313.	4.0	152
14	Impact of gastrointestinal physiology on drug absorption in special populationsâ€“â€“An UNGAP review. European Journal of Pharmaceutical Sciences, 2020, 147, 105280.	4.0	142
15	Bioavailability of probucol from lipid and surfactant based formulations in minipigs: Influence of droplet size and dietary state. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 553-562.	4.3	131
16	Precipitation of a Poorly Soluble Model Drug during In Vitro Lipolysis: Characterization and Dissolution of the Precipitate. Journal of Pharmaceutical Sciences, 2010, 99, 4982-4991.	3.3	131
17	A comparison of the solubility of danazol in human and simulated gastrointestinal fluids. Pharmaceutical Research, 2000, 17, 891-894.	3.5	130
18	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. European Journal of Pharmaceutical Sciences, 2003, 20, 91-97.	4.0	126

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19	In vitro lipolysis models as a tool for the characterization of oral lipid and surfactant based drug delivery systems. International Journal of Pharmaceutics, 2011, 417, 245-255.	5.2	126
20	Morphological observations on a lipid-based drug delivery system during in vitro digestion. European Journal of Pharmaceutical Sciences, 2007, 31, 85-94.	4.0	124
21	Characterising the behaviour of poorly water soluble drugs in the intestine: application of biorelevant media for solubility, dissolution and transport studies. Journal of Pharmacy and Pharmacology, 2010, 62, 1656-1668.	2.4	119
22	Refining stability and dissolution rate of amorphous drug formulations. Expert Opinion on Drug Delivery, 2014, 11, 977-989.	5.0	119
23	Supersaturated Self-Nanoemulsifying Drug Delivery Systems (Super-SNEDDS) Enhance the Bioavailability of the Poorly Water-Soluble Drug Simvastatin in Dogs. AAPS Journal, 2013, 15, 219-227.	4.4	114
24	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. International Journal of Pharmaceutics, 2013, 441, 323-333.	5.2	112
25	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. Molecular Pharmaceutics, 2012, 9, 3286-3300.	4.6	110
26	Structural Development of Self Nano Emulsifying Drug Delivery Systems (SNEDDS) During In Vitro Lipid Digestion Monitored by Small-angle X-ray Scattering. Pharmaceutical Research, 2007, 24, 1844-1853.	3.5	109
27	Property profiling of biosimilar mucus in a novel mucus-containing in vitro model for assessment of intestinal drug absorption. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 227-235.	4.3	109
28	Bioavailability of seocalcitol. European Journal of Pharmaceutical Sciences, 2006, 28, 233-242.	4.0	104
29	Effect of liquid volume and food intake on the absolute bioavailability of danazol, a poorly soluble drug. European Journal of Pharmaceutical Sciences, 2005, 24, 297-303.	4.0	98
30	In Vitro Lipolysis Data Does Not Adequately Predict the In Vivo Performance of Lipid-Based Drug Delivery Systems Containing Fenofibrate. AAPS Journal, 2014, 16, 539-549.	4.4	98
31	Lipid-based Formulations for Danazol Containing a Digestible Surfactant, Labrafil M2125CS: In Vivo Bioavailability and Dynamic In Vitro Lipolysis. Pharmaceutical Research, 2008, 25, 2769-2777.	3.5	94
32	Oral biopharmaceutics tools â€“ Time for a new initiative â€“ An introduction to the IMI project OrBiTo. European Journal of Pharmaceutical Sciences, 2014, 57, 292-299.	4.0	91
33	In vitro models for the prediction of in vivo performance of oral dosage forms: Recent progress from partnership through the IMI OrBiTo collaboration. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 136, 70-83.	4.3	91
34	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. Pharmaceutical Research, 2013, 30, 3059-3076.	3.5	87
35	Oral delivery of peptides and proteins using lipid-based drug delivery systems. Expert Opinion on Drug Delivery, 2012, 9, 1289-1304.	5.0	86
36	Oral bioavailability of cinnarizine in dogs: Relation to SNEDDS droplet size, drug solubility and in vitro precipitation. European Journal of Pharmaceutical Sciences, 2013, 48, 339-350.	4.0	85

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37	Current challenges and future perspectives in oral absorption research: An opinion of the UNGAP network. Advanced Drug Delivery Reviews, 2021, 171, 289-331.	13.7	84
38	Characterising Lipid Lipolysis and Its Implication in Lipid-Based Formulation Development. AAPS Journal, 2012, 14, 860-871.	4.4	79
39	Hydrolysed pea proteins mitigate inÂvitro wheat starch digestibility. Food Hydrocolloids, 2018, 79, 117-126.	10.7	79
40	In vitrolipid digestion models in design of drug delivery systems for enhancing oral bioavailability. Expert Opinion on Drug Metabolism and Toxicology, 2008, 4, 65-76.	3.3	78
41	Biorelevant Media Simulating Fed State Intestinal Fluids: Colloid Phase Characterization and Impact on Solubilization Capacity. Journal of Pharmaceutical Sciences, 2010, 99, 3522-3532.	3.3	78
42	Self-nanoemulsifying drug delivery systems for oral insulin delivery: In vitro and in vivo evaluations of enteric coating and drug loading. International Journal of Pharmaceutics, 2014, 477, 390-398.	5.2	77
43	In vitro digestion models to evaluate lipid based drug delivery systems; present status and current trends. Advanced Drug Delivery Reviews, 2019, 142, 35-49.	13.7	76
44	Dissolution of hydrocortisone in human and simulated intestinal fluids. Pharmaceutical Research, 2000, 17, 183-189.	3.5	74
45	Characterization of fasted human gastric fluid for relevant rheological parameters and gastric lipase activities. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 958-965.	4.3	74
46	Adsorption of pharmaceutical excipients onto microcrystals of siramesine hydrochloride: Effects on physicochemical properties. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 71, 109-116.	4.3	73
47	Intestinal lymphatic transport of halofantrine in rats assessed using a chylomicron flow blocking approach: The influence of polysorbate 60 and 80. European Journal of Pharmaceutical Sciences, 2008, 35, 211-218.	4.0	70
48	Influence of Lipid Composition and Drug Load on the In Vitro Performance of Self-Nanoemulsifying Drug Delivery Systems. Journal of Pharmaceutical Sciences, 2012, 101, 1721-1731.	3.3	70
49	Fed and fasted state gastro-intestinal in vitro lipolysis: In vitro in vivo relations of a conventional tablet, a SNEDDS and a solidified SNEDDS. European Journal of Pharmaceutical Sciences, 2014, 57, 232-239.	4.0	69
50	Analysis of 3D Prints by X-ray Computed Microtomography andÂTerahertz Pulsed Imaging. Pharmaceutical Research, 2017, 34, 1037-1052.	3.5	69
51	Insights into the Early Dissolution Events of Amlodipine Using UV Imaging and Raman Spectroscopy. Molecular Pharmaceutics, 2011, 8, 1372-1380.	4.6	68
52	The effect of Î±-tocopherol on the in vitro solubilisation of lipophilic drugs. International Journal of Pharmaceutics, 2001, 222, 217-224.	5.2	67
53	Clinical studies with oral lipid based formulations of poorly soluble compounds. Therapeutics and Clinical Risk Management, 2007, 3, 591-604.	2.0	66
54	Colloidal Structures in Media Simulating Intestinal Fed State Conditions with and Without Lipolysis Products. Pharmaceutical Research, 2009, 26, 361-374.	3.5	65

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55	Structured triglyceride vehicles for oral delivery of halofantrine: examination of intestinal lymphatic transport and bioavailability in conscious rats. Pharmaceutical Research, 2002, 19, 1354-1361.	3.5	64
56	Absorption of triglycerides with defined or random structure by rats with biliary and pancreatic diversion. Lipids, 1995, 30, 521-526.	1.7	62
57	Solid cellulose nanofiber based foams â€“ Towards facile design of sustained drug delivery systems. Journal of Controlled Release, 2016, 244, 74-82.	9.9	62
58	Polymer-filled microcontainers for oral delivery loaded using supercritical impregnation. Journal of Controlled Release, 2014, 173, 1-9.	9.9	61
59	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 <scp>l</scp>-Arginine. Molecular Pharmaceutics, 2018, 15, 2036-2044.	4.6	61
60	Characterization of Prototype Self-Nanoemulsifying Formulations of Lipophilic Compounds. Journal of Pharmaceutical Sciences, 2007, 96, 876-892.	3.3	60
61	The Biopharmaceutics Risk Assessment Roadmap for Optimizing Clinical Drug Product Performance. Journal of Pharmaceutical Sciences, 2014, 103, 3377-3397.	3.3	60
62	Insights into Intermediate Phases of Human Intestinal Fluids Visualized by Atomic Force Microscopy and Cryo-Transmission Electron Microscopy ex Vivo. Molecular Pharmaceutics, 2012, 9, 237-247.	4.6	59
63	Polymeric microcontainers improve oral bioavailability of furosemide. International Journal of Pharmaceutics, 2016, 504, 98-109.	5.2	59
64	Preparation of an amorphous sodium furosemide salt improves solubility and dissolution rate and leads to a faster Tmax after oral dosing to rats. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 942-951.	4.3	58
65	Characterization and Physical Stability of Spray Dried Solid Dispersions of Probucol and PVP-K30. Pharmaceutical Development and Technology, 2008, 13, 375-386.	2.4	57
66	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations. 5. Lipolysis of Representative Formulations by Gastric Lipase. Pharmaceutical Research, 2015, 32, 1279-1287.	3.5	55
67	From concept to in vivo testing: Microcontainers for oral drug delivery. Journal of Controlled Release, 2017, 268, 343-351.	9.9	55
68	Spatial confinement can lead to increased stability of amorphous indomethacin. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 81, 418-425.	4.3	54
69	Steric and interactive barrier properties of intestinal mucus elucidated by particle diffusion and peptide permeation. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 95, 136-143.	4.3	54
70	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 6: Effects of Varying Pancreatin and Calcium Levels. AAPS Journal, 2014, 16, 1344-1357.	4.4	53
71	Studying the Propensity of Compounds to Supersaturate: A Practical and Broadly Applicable Approach. Journal of Pharmaceutical Sciences, 2016, 105, 3021-3029.	3.3	53
72	Enzyme supplementation of wheat-based diets for broilers. Animal Feed Science and Technology, 1998, 75, 27-43.	2.2	51

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73	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. European Journal of Pharmaceutical Sciences, 2007, 32, 261-270.	4.0	51
74	Using biorelevant dissolution to obtain IVIVC of solid dosage forms containing a poorly-soluble model compound. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 648-657.	4.3	50
75	Enzyme supplementation of wheat-based diets for broilers. Animal Feed Science and Technology, 1998, 75, 45-64.	2.2	49
76	Bioavailability of seocalcitol I: Relating solubility in biorelevant media with oral bioavailability in ratsâ€"effect of medium and long chain triglycerides. Journal of Pharmaceutical Sciences, 2005, 94, 1830-1838.	3.3	47
77	In vitroâ€"in vivo correlations of self-emulsifying drug delivery systems combining the dynamic lipolysis model and neuro-fuzzy networks. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 887-898.	4.3	46
78	Survival of Lactobacillus acidophilus NCFMÂ® and Bifidobacterium lactis HN019 encapsulated in chocolate during inÂvitro simulated passage of the upper gastrointestinal tract. LWT - Food Science and Technology, 2016, 74, 404-410.	5.2	45
79	Comparison of lipases for in vitro models of gastric digestion: lipolysis using two infant formulas as model substrates. Food and Function, 2016, 7, 3989-3998.	4.6	45
80	Are phytosomes a superior nanodelivery system for the antioxidant rutin?. International Journal of Pharmaceutics, 2018, 548, 82-91.	5.2	45
81	Comparison of total oral bioavailability and the lymphatic transport of halofantrine from three different unsaturated triglycerides in lymph-cannulated conscious rats. European Journal of Pharmaceutical Sciences, 2001, 14, 331-337.	4.0	44
82	Solid lipid particles for oral delivery of peptide and protein drugs I â€" Elucidating the release mechanism of lysozyme during lipolysis. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 473-480.	4.3	42
83	Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 4: Proposing a New Lipid Formulation Performance Classification System. Journal of Pharmaceutical Sciences, 2014, 103, 2441-2455.	3.3	42
84	Biorelevant dissolution media: Aggregation of amphiphiles and solubility of estradiol. Journal of Pharmaceutical Sciences, 2006, 95, 248-255.	3.3	40
85	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. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 124, 116-124.	4.3	40
86	The Effect of Digestion and Drug Load on Halofantrine Absorption from Self-nanoemulsifying Drug Delivery System (SNEDDS). AAPS Journal, 2016, 18, 180-186.	4.4	39
87	Enzymatic characterization of lipid-based drug delivery systems. International Journal of Pharmaceutics, 2005, 298, 328-332.	5.2	38
88	Interlaboratory Validation of Small-Scale Solubility and Dissolution Measurements of Poorly Water-Soluble Drugs. Journal of Pharmaceutical Sciences, 2016, 105, 2864-2872.	3.3	38
89	Investigating the correlation between in vivo absorption and in vitro release of fenofibrate from lipid matrix particles in biorelevant medium. European Journal of Pharmaceutical Sciences, 2014, 51, 204-210.	4.0	37
90	Solid Lipid Particles for Oral Delivery of Peptide and Protein Drugs II â€" The Digestion of Trilaurin Protects Desmopressin from Proteolytic Degradation. Pharmaceutical Research, 2014, 31, 2420-2428.	3.5	37

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91	Development of a high-throughput in vitro intestinal lipolysis model for rapid screening of lipid-based drug delivery systems. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 493-500.	4.3	36
92	Cellulose Nanopaper and Nanofoam for Patientâ€Tailored Drug Delivery. Advanced Materials Interfaces, 2017, 4, 1600655.	3.7	36
93	Bioavailability of seocalcitol. European Journal of Pharmaceutical Sciences, 2007, 31, 8-15.	4.0	35
94	Kolliphor Surfactants Affect Solubilization and Bioavailability of Fenofibrate. Studies of in Vitro Digestion and Absorption in Rats. Molecular Pharmaceutics, 2015, 12, 1062-1071.	4.6	35
95	Impact of Lipid-Based Drug Delivery Systems on the Transport and Uptake of Insulin Across Caco-2 Cell Monolayers. Journal of Pharmaceutical Sciences, 2016, 105, 2743-2751.	3.3	35
96	SNEDDS Containing Poorly Water Soluble Cinnarizine; Development and in Vitro Characterization of Dispersion, Digestion and Solubilization. Pharmaceutics, 2012, 4, 641-665.	4.5	34
97	Dissolution of solid lipid extrudates in biorelevant media. International Journal of Pharmaceutics, 2012, 422, 116-124.	5.2	34
98	Optimization of self nanoemulsifying drug delivery system for poorly water-soluble drug using response surface methodology. Drug Development and Industrial Pharmacy, 2013, 39, 799-806.	2.0	34
99	In Vitro Model Simulating Gastro-Intestinal Digestion in the Pediatric Population (Neonates and) Tj ETQq1 1 0.784314 rgBT /Overlock	3.3	34
100	Preparation and Characterization of Insulinâ€“Surfactant Complexes for Loading into Lipid-Based Drug Delivery Systems. Journal of Pharmaceutical Sciences, 2013, 102, 2689-2698.	3.3	33
101	Cinnarizine food-effects in beagle dogs can be avoided by administration in a Self Nano Emulsifying Drug Delivery System (SNEDDS). European Journal of Pharmaceutical Sciences, 2014, 57, 164-172.	4.0	33
102	Development and characterization of clove oil nanoemulsions and self-microemulsifying drug delivery systems. Journal of Drug Delivery Science and Technology, 2018, 46, 330-338.	3.0	33
103	Fasted and fed state human duodenal fluids: Characterization, drug solubility, and comparison to simulated fluids and with human bioavailability. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 163, 240-251.	4.3	33
104	Lipophilic prodrugs of apomorphine I: Preparation, characterisation, and in vitro enzymatic hydrolysis in biorelevant media. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 216-223.	4.3	32
105	Separation and detection of phospholipid hydroperoxides in the low nanomolar range by a high performance liquid chromatography/irothiocyanate assay. Lipids, 1990, 25, 415-418.	1.7	31
106	A New Approach to Dissolution Testing by UV Imaging and Finite Element Simulations. Pharmaceutical Research, 2013, 30, 1328-1337.	3.5	31
107	In Vivo Precipitation of Poorly Soluble Drugs from Lipid-Based Drug Delivery Systems. Molecular Pharmaceutics, 2016, 13, 3417-3426.	4.6	31
108	Microcontainers for oral insulin delivery â€“ In vitro studies of permeation enhancement. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 143, 98-105.	4.3	31

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109	Comparison of the lymphatic transport of halofantrine administered in disperse systems containing three different unsaturated fatty acids. Pharmaceutical Research, 2001, 18, 1299-1304.	3.5	30
110	Exploring the fate of liposomes in the intestine by dynamic in vitro lipolysis. International Journal of Pharmaceutics, 2012, 437, 253-263.	5.2	30
111	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. Molecular Pharmaceutics, 2015, 12, 4067-4076.	4.6	30
112	The Influence of Polymers on the Supersaturation Potential of Poor and Good Glass Formers. Pharmaceutics, 2018, 10, 164.	4.5	30
113	Bioavailability of Cinnarizine in Dogs: Effect of SNEDDS Loading Level and Correlation with Cinnarizine Solubilization During In Vitro Lipolysis. Pharmaceutical Research, 2013, 30, 3101-3113.	3.5	29
114	pH-triggered drug release from biodegradable microwells for oral drug delivery. Biomedical Microdevices, 2015, 17, 9958.	2.8	29
115	Influence of drug load and physical form of cinnarizine in new SNEDDS dosing regimens: in vivo and in vitro evaluations. AAPS Journal, 2017, 19, 587-594.	4.4	29
116	Bioinspired Layer-by-Layer Microcapsules Based on Cellulose Nanofibers with Switchable Permeability. Biomacromolecules, 2017, 18, 1401-1410.	5.4	29
117	Biorelevant characterisation of amorphous furosemide salt exhibits conversion to a furosemide hydrate during dissolution. International Journal of Pharmaceutics, 2013, 457, 14-24.	5.2	28
118	Biodegradable microcontainers â€“ towards real life applications of microfabricated systems for oral drug delivery. Lab on A Chip, 2019, 19, 2905-2914.	6.0	28
119	Fat emulsions based on structured lipids (1,3-specific triglycerides): an investigation of the in vivo fate. Pharmaceutical Research, 1996, 13, 725-728.	3.5	27
120	Real-time dissolution behavior of furosemide in biorelevant media as determined by UV imaging. Pharmaceutical Development and Technology, 2013, 18, 1407-1416.	2.4	27
121	Effect of food intake and co-administration of placebo self-nanoemulsifying drug delivery systems on the absorption of cinnarizine in healthy human volunteers. European Journal of Pharmaceutical Sciences, 2016, 84, 77-82.	4.0	27
122	In vitro and in vivo performance of monoacyl phospholipid-based self-emulsifying drug delivery systems. Journal of Controlled Release, 2017, 255, 45-53.	9.9	27
123	Effect of composition of simulated intestinal media on the solubility of poorly soluble compounds investigated by design of experiments. European Journal of Pharmaceutical Sciences, 2018, 111, 311-319.	4.0	27
124	Fenofibrate oral absorption from SNEDDS and super-SNEDDS is not significantly affected by lipase inhibition in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 258-264.	4.3	27
125	SEDDS for intestinal absorption of insulin: Application of Caco-2 and Caco-2/HT29 co-culture monolayers and intra-jejunal instillation in rats. International Journal of Pharmaceutics, 2019, 560, 377-384.	5.2	27
126	In Vitro Evaluation of Self-Nano-Emulsifying Drug Delivery Systems (SNEDDS) Containing Room Temperature Ionic Liquids (RTILs) for the Oral Delivery of Amphotericin B. Pharmaceutics, 2020, 12, 699.	4.5	27

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127	Influence of the Type of Surfactant and the Degree of Dispersion on the Lymphatic Transport of Halofantrine in Conscious Rats. Pharmaceutical Research, 2004, 21, 1413-1418.	3.5	26
128	Formulation and characterization of self-nanoemulsifying drug delivery systems containing monoacyl phosphatidylcholine. International Journal of Pharmaceutics, 2016, 502, 151-160.	5.2	26
129	Formulation of self-nanoemulsifying drug delivery systems containing monoacyl phosphatidylcholine and KolliphorÂ® RH40 using experimental design. Asian Journal of Pharmaceutical Sciences, 2018, 13, 536-545.	9.1	26
130	Physicochemical Characterization of Simulated Intestinal Fed-State Fluids Containing Lyso-Phosphatidylcholine and Cholesterol. Dissolution Technologies, 2009, 16, 47-50.	0.6	26
131	Developing a predictive in vitro dissolution model based on gastrointestinal fluid characterisation in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 307-314.	4.3	24
132	Design of a self-unfolding delivery concept for oral administration of macromolecules. Journal of Controlled Release, 2021, 329, 948-954.	9.9	24
133	Influence of bile on the absorption of halofantrine from lipid-based formulations. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 81, 281-287.	4.3	23
134	Recent developments in oral lipid-based drug delivery. Journal of Drug Delivery Science and Technology, 2013, 23, 375-382.	3.0	23
135	Optimizing Clinical Drug Product Performance: Applying Biopharmaceutics Risk Assessment Roadmap (BioRAM) and the BioRAM Scoring Grid. Journal of Pharmaceutical Sciences, 2016, 105, 3243-3255.	3.3	23
136	Metabolism of emulsions containing medium- and long-chain triglycerides or interesterified triglycerides. Journal of Lipid Research, 1994, 35, 1850-60.	4.2	23
137	Effects of polysorbate 80 on the in-vitro precipitation and oral bioavailability of halofantrine from polyethylene glycol 400 formulations in rats. Journal of Pharmacy and Pharmacology, 2010, 62, 63-70.	2.4	22
138	Stabilisation of amorphous furosemide increases the oral drug bioavailability in rats. International Journal of Pharmaceutics, 2015, 490, 334-340.	5.2	22
139	Anhydrate to hydrate solid-state transformations of carbamazepine and nitrofurantoin in biorelevant media studied in situ using time-resolved synchrotron X-ray diffraction. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 100, 119-127.	4.3	22
140	Investigation of Mucoadhesion and Degradation of PCL and PLGA Microcontainers for Oral Drug Delivery. Polymers, 2019, 11, 1828.	4.5	22
141	INFOGEST inter-laboratory recommendations for assaying gastric and pancreatic lipases activities prior to in vitro digestion studies. Journal of Functional Foods, 2021, 82, 104497.	3.4	22
142	Biorelevant intrinsic dissolution profiling in early drug development: Fundamental, methodological, and industrial aspects. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 139, 101-114.	4.3	21
143	Improving the drug load and in vitro performance of supersaturated self-nanoemulsifying drug delivery systems (super-SNEDDS) using polymeric precipitation inhibitors. International Journal of Pharmaceutics, 2020, 575, 118960.	5.2	21
144	Six years of progress in the oral biopharmaceutics area â€“ A summary from the IMI OrBiTo project. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 152, 236-247.	4.3	21

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145	Effect of bile on the oral absorption of halofantrine in polyethylene glycol 400 and polysorbate 80 formulations dosed to bile duct cannulated rats. Journal of Pharmacy and Pharmacology, 2011, 63, 817-824.	2.4	20
146	Ex Vivo Correlation of the Permeability of Metoprolol Across Human and Porcine Buccal Mucosa. Journal of Pharmaceutical Sciences, 2014, 103, 2053-2061.	3.3	20
147	In vitro and in vivo evaluations of the performance of an indirubin derivative, formulated in four different self-emulsifying drug delivery systems. Journal of Pharmacy and Pharmacology, 2014, 66, 1567-1575.	2.4	20
148	In vivo evaluation of lipid-based formulations for oral delivery of apomorphine and its diester prodrugs. International Journal of Pharmaceutics, 2016, 513, 211-217.	5.2	20
149	Ex vivo intestinal perfusion model for investigating mucoadhesion of microcontainers. International Journal of Pharmaceutics, 2019, 570, 118658.	5.2	20
150	In Vitro, Ex Vivo and In Vivo Evaluation of Microcontainers for Oral Delivery of Insulin. Pharmaceutics, 2020, 12, 48.	4.5	20
151	Combining in vitro and in silico methods for better prediction of surfactant effects on the absorption of poorly water soluble drugsâ€"a fenofibrate case example. International Journal of Pharmaceutics, 2014, 473, 356-365.	5.2	19
152	Supersaturation of zafirlukast in fasted and fed state intestinal media with and without precipitation inhibitors. European Journal of Pharmaceutical Sciences, 2016, 91, 31-39.	4.0	19
153	Floating solid cellulose nanofibre nanofoams for sustained release of the poorly soluble model drug furosemide. Journal of Pharmacy and Pharmacology, 2017, 69, 1477-1484.	2.4	19
154	An updated and simplified method for bile duct cannulation of rats. Laboratory Animals, 2010, 44, 373-376.	1.0	18
155	A novel excipient, 1-perfluorohexyloctane shows limited utility for the oral delivery of poorly water-soluble drugs. European Journal of Pharmaceutical Sciences, 2011, 42, 416-422.	4.0	18
156	Phase Transformations of Amlodipine Besylate Solid Forms. Journal of Pharmaceutical Sciences, 2011, 100, 2896-2910.	3.3	18
157	Feasibility of Capsule Endoscopy for Direct Imaging of Drug Delivery Systems in the Fasted Upper-Gastrointestinal Tract. Pharmaceutical Research, 2014, 31, 2044-2053.	3.5	18
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