RenÃ© Holm

List of Publications by Year
in descending order

203 papers	7,008 citations	61857 43 h-index	85405 71 g-index
206 all docs	206 docs citations	206 times ranked	6334 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.	1.9	297
2	Use of pharmaceutical salts and cocrystals to address the issue of poor solubility. International Journal of Pharmaceutics, 2013, 453, 88-100.	2.6	277
3	Lipid-based formulations for oral administration of poorly water-soluble drugs. International Journal of Pharmaceutics, 2013, 453, 215-224.	2.6	265
4	Liposomes: Advancements and innovation in the manufacturing process. Advanced Drug Delivery Reviews, 2020, 154-155, 102-122.	6.6	256
5	In vivo methods for drug absorption â€“ Comparative physiologies, model selection, correlations with in vitro methods (IVIVC), and applications for formulation/API/excipient characterization including food effects. European Journal of Pharmaceutical Sciences, 2014, 57, 99-151.	1.9	226
6	Early pharmaceutical profiling to predict oral drug absorption: Current status and unmet needs. European Journal of Pharmaceutical Sciences, 2014, 57, 173-199.	1.9	221
7	Bile salts and their importance for drug absorption. International Journal of Pharmaceutics, 2013, 453, 44-55.	2.6	158
8	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.	1.9	126
9	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.	2.2	114
10	Comparative Study of Different Methods for the Prediction of Drugâ€“Polymer Solubility. Molecular Pharmaceutics, 2015, 12, 3408-3419.	2.3	111
11	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.	2.2	98
12	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.	1.7	94
13	Solid lipid nanocarriers in drug delivery: characterization and design. Expert Opinion on Drug Delivery, 2018, 15, 771-785.	2.4	90
14	Pharmaceutical excipients â€” quality, regulatory and biopharmaceutical considerations. European Journal of Pharmaceutical Sciences, 2016, 87, 88-99.	1.9	88
15	Influence of Polymer Molecular Weight on Drugâ€“polymer Solubility: A Comparison between Experimentally Determined Solubility in PVP and Prediction Derived from Solubility in Monomer. Journal of Pharmaceutical Sciences, 2015, 104, 2905-2912.	1.6	84
16	Characterising Lipid Lipolysis and Its Implication in Lipid-Based Formulation Development. AAPS Journal, 2012, 14, 860-871.	2.2	79
17	Lipophilicity and hydrophobicity considerations in bio-enabling oral formulations approaches â€“ a PEARRL review. Journal of Pharmacy and Pharmacology, 2019, 71, 464-482.	1.2	76
18	Solidification to improve the biopharmaceutical performance of SEDDS: Opportunities and challenges. Advanced Drug Delivery Reviews, 2019, 142, 102-117.	6.6	76

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19	Food for thought: formulating away the food effect â€“ a PEARRL review. Journal of Pharmacy and Pharmacology, 2019, 71, 510-535.	1.2	75
20	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.	1.9	70
21	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.	1.9	69
22	Validation of Dissolution Testing with Biorelevant Media: An OrBiTo Study. Molecular Pharmaceutics, 2017, 14, 4192-4201.	2.3	69
23	Structured triglyceride vehicles for oral delivery of halofantrine: examination of intestinal lymphatic transport and bioavailability in conscious rats. Pharmaceutical Research, 2002, 19, 1354-1361.	1.7	64
24	Hydroxypropyl-Substituted Î²-Cyclodextrins: Influence of Degree of Substitution on the Thermodynamics of Complexation with Tauroconjugated and Glycoconjugated Bile Salts. Langmuir, 2010, 26, 17949-17957.	1.6	63
25	Influence of polymer molecular weight on in vitro dissolution behavior and in vivo performance of celecoxib:PVP amorphous solid dispersions. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 101, 145-151.	2.0	62
26	Effects of acute and chronic aripiprazole treatment on choice between cocaine self-administration and food under a concurrent schedule of reinforcement in rats. Psychopharmacology, 2008, 201, 43-53.	1.5	59
27	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.	2.0	58
28	Characterization and Physical Stability of Spray Dried Solid Dispersions of Probucol and PVP-K30. Pharmaceutical Development and Technology, 2008, 13, 375-386.	1.1	57
29	Optimization of Self-Microemulsifying Drug Delivery Systems (SMEDDS) Using a D-Optimal Design and the Desirability Function. Drug Development and Industrial Pharmacy, 2006, 32, 1025-1032.	0.9	54
30	Analytical advances in pharmaceutical impurity profiling. European Journal of Pharmaceutical Sciences, 2016, 87, 118-135.	1.9	54
31	Aqueous solubility: Simple predictive methods (in silico, in vitro and bio-relevant approaches). International Journal of Pharmaceutics, 2013, 453, 3-11.	2.6	53
32	Influence of PVP/VA copolymer composition on drugâ€“polymer solubility. European Journal of Pharmaceutical Sciences, 2016, 85, 10-17.	1.9	53
33	The pig as a preclinical model for predicting oral bioavailability and in vivo performance of pharmaceutical oral dosage forms: a PEARRL review. Journal of Pharmacy and Pharmacology, 2019, 71, 581-602.	1.2	53
34	Methodology of oral formulation selection in the pharmaceutical industry. European Journal of Pharmaceutical Sciences, 2016, 87, 136-163.	1.9	52
35	Approaches to increase mechanistic understanding and aid in the selection of precipitation inhibitors for supersaturating formulations â€“ a PEARRL review. Journal of Pharmacy and Pharmacology, 2019, 71, 483-509.	1.2	52
36	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.	1.9	51

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37	Methylated Î²-Cyclodextrins: Influence of Degree and Pattern of Substitution on the Thermodynamics of Complexation with Tauro- and Glyco-Conjugated Bile Salts. Langmuir, 2011, 27, 5832-5841.	1.6	51
38	Recent advances and potential applications of modulated differential scanning calorimetry (mDSC) in drug development. European Journal of Pharmaceutical Sciences, 2016, 87, 164-173.	1.9	51
39	Investigation of enzyme-sensitive lipid nanoparticles for delivery of siRNA to blood–brain barrier and glioma cells. International Journal of Nanomedicine, 2015, 10, 5995.	3.3	49
40	Simultaneous lipolysis/permeation in vitro model, for the estimation of bioavailability of lipid based drug delivery systems. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 117, 300-307.	2.0	48
41	Comparison of two DSC-based methods to predict drug-polymer solubility. International Journal of Pharmaceutics, 2018, 540, 98-105.	2.6	48
42	A survey on IVIVC/IVIVR development in the pharmaceutical industry â€“ Past experience and current perspectives. European Journal of Pharmaceutical Sciences, 2017, 102, 1-13.	1.9	47
43	Food matrices affect the bioavailability of (nâˆ’3) polyunsaturated fatty acids in a single meal study in humans. Food Research International, 2007, 40, 1062-1068.	2.9	46
44	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.	1.9	44
45	Solid state compatibility studies with tablet excipients using non thermal methods. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 424-428.	1.4	44
46	In vitro investigations of Î±-amylase mediated hydrolysis of cyclodextrins in the presence of ibuprofen, flurbiprofen, or benzo[a]pyrene. Carbohydrate Research, 2012, 362, 56-61.	1.1	44
47	In vitro, ex vivo and in vivo examination of buccal absorption of metoprolol with varying pH in TR146 cell culture, porcine buccal mucosa and GÃ¶ttingen minipigs. European Journal of Pharmaceutical Sciences, 2013, 49, 117-124.	1.9	44
48	Permeapadâ„¢ for investigation of passive drug permeability: The effect of surfactants, co-solvents and simulated intestinal fluids (FaSSIF and FeSSIF). International Journal of Pharmaceutics, 2015, 493, 192-197.	2.6	40
49	Bridging the gaps between academic research and industrial product developments of lipid-based formulations. Advanced Drug Delivery Reviews, 2019, 142, 118-127.	6.6	40
50	Nonionic surfactants modulate the transport activity of ATP-binding cassette (ABC) transporters and solute carriers (SLC): Relevance to oral drug absorption. International Journal of Pharmaceutics, 2019, 566, 410-433.	2.6	40
51	Amorphization within the tablet: Using microwave irradiation to form a glass solution in situ. International Journal of Pharmaceutics, 2017, 519, 343-351.	2.6	39
52	Application of the solubility parameter concept to assist with oral delivery of poorly water-soluble drugs â€“ a PEARRL review. Journal of Pharmacy and Pharmacology, 2019, 71, 441-463.	1.2	39
53	Successful in silico predicting of intestinal lymphatic transfer. International Journal of Pharmaceutics, 2004, 272, 189-193.	2.6	38
54	Thermodynamics and structure of inclusion compounds of tauro- and glyco-conjugated bile salts and Î²-cyclodextrin. Physical Chemistry Chemical Physics, 2009, 11, 5070.	1.3	38

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55	Interlaboratory Validation of Small-Scale Solubility and Dissolution Measurements of Poorly Water-Soluble Drugs. Journal of Pharmaceutical Sciences, 2016, 105, 2864-2872.	1.6	38
56	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.	1.9	37
57	Determination of thermodynamic potentials and the aggregation number for micelles with the mass-action model by isothermal titration calorimetry: A case study on bile salts. Journal of Colloid and Interface Science, 2015, 453, 79-89.	5.0	37
58	Effect of polymer type and drug dose on the in vitro and in vivo behavior of amorphous solid dispersions. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 105, 106-114.	2.0	37
59	Effect of amorphous phase separation and crystallization on the in vitro and in vivo performance of an amorphous solid dispersion. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 130, 290-295.	2.0	37
60	Evaluation of Drugâ€“Polymer Solubility Curves Through Formal Statistical Analysis: Comparison of Preparation Techniques. Journal of Pharmaceutical Sciences, 2015, 104, 44-51.	1.6	36
61	Kolliphor Surfactants Affect Solubilization and Bioavailability of Fenofibrate. Studies of in Vitro Digestion and Absorption in Rats. Molecular Pharmaceutics, 2015, 12, 1062-1071.	2.3	35
62	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.	1.9	33
63	Polysorbate 20 alters the oral bioavailability of etoposide in wild type and mdr1a deficient Sprague-Dawley rats. International Journal of Pharmaceutics, 2018, 543, 352-360.	2.6	33
64	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.	2.0	32
65	Effect of cyclodextrin concentration on the oral bioavailability of danazol and cinnarizine in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 101, 9-14.	2.0	32
66	Characterization of gastrointestinal transit and luminal conditions in pigs using a telemetric motility capsule. European Journal of Pharmaceutical Sciences, 2021, 156, 105627.	1.9	31
67	Comparison of the lymphatic transport of halofantrine administered in disperse systems containing three different unsaturated fatty acids. Pharmaceutical Research, 2001, 18, 1299-1304.	1.7	30
68	Glass solution formation in water - In situ amorphization of naproxen and ibuprofen with EudragitÂ® E PO. Journal of Drug Delivery Science and Technology, 2016, 34, 32-40.	1.4	30
69	Soluble 1:1 complexes and insoluble 3:2 complexes â€“ Understanding the phase-solubility diagram of hydrocortisone and Î³-cyclodextrin. International Journal of Pharmaceutics, 2017, 531, 504-511.	2.6	30
70	Nonionic surfactants increase digoxin absorption in Caco-2 and MDCKII MDR1 cells: Impact on P-glycoprotein inhibition, barrier function, and repeated cellular exposure. International Journal of Pharmaceutics, 2018, 551, 270-280.	2.6	30
71	Injectable anti-malarials revisited: discovery and development of new agents to protect against malaria. Malaria Journal, 2018, 17, 402.	0.8	30
72	The BioGIT System: a Valuable In Vitro Tool to Assess the Impact of Dose and Formulation on Early Exposure to Low Solubility Drugs After Oral Administration. AAPS Journal, 2018, 20, 71.	2.2	30

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73	Exploring the Origins of Enthalpyâ€“Entropy Compensation by Calorimetric Studies of Cyclodextrin Complexes. Journal of Physical Chemistry B, 2019, 123, 6686-6693.	1.2	30
74	Transferrin receptor expression and role in transendothelial transport of transferrin in cultured brain endothelial monolayers. Molecular and Cellular Neurosciences, 2016, 76, 59-67.	1.0	29
75	Influence of Copolymer Composition on In Vitro and In Vivo Performance of Celecoxib-PVP/VA Amorphous Solid Dispersions. AAPS Journal, 2016, 18, 416-423.	2.2	29
76	Influence of PVP molecular weight on the microwave assisted in situ amorphization of indomethacin. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 122, 62-69.	2.0	29
77	Biopharmaceutical considerations in paediatrics with a view to the evaluation of orally administered drug products â€“ a PEARRL review. Journal of Pharmacy and Pharmacology, 2019, 71, 603-642.	1.2	29
78	Best practices in current models mimicking drug permeability in the gastrointestinal tract - An UNGAP review. European Journal of Pharmaceutical Sciences, 2022, 170, 106098.	1.9	29
79	Complexation of tauroâ€•and glycoâ€conjugated bile salts with three neutral Î²â€CDs studied by ACE. Electrophoresis, 2007, 28, 3745-3752.	1.3	28
80	A Promising New Method to Estimate Drug-Polymer Solubility at Room Temperature. Journal of Pharmaceutical Sciences, 2016, 105, 2621-2624.	1.6	28
81	Use of PermeapadÂ® for prediction of buccal absorption: A comparison to in vitro, ex vivo and in vivo method. European Journal of Pharmaceutical Sciences, 2016, 93, 399-404.	1.9	28
82	Use of correction factors in mobility shift affinity capillary electrophoresis for weak analyte â€“ ligand interactions. Journal of Separation Science, 2009, 32, 1712-1721.	1.3	27
83	Higher Order Inclusion Complexes and Secondary Interactions Studied by Global Analysis of Calorimetric Titrations. Analytical Chemistry, 2012, 84, 2305-2312.	3.2	27
84	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.	1.9	27
85	Buffer solutions in drug formulation and processing: How pKa values depend on temperature, pressure and ionic strength. International Journal of Pharmaceutics, 2019, 560, 357-364.	2.6	27
86	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.	1.7	26
87	Roller compaction scale-up using roll width as scale factor and laser-based determined ribbon porosity as critical material attribute. European Journal of Pharmaceutical Sciences, 2016, 87, 69-78.	1.9	25
88	Exploring the Impact of Surfactant Type and Digestion: Highly Digestible Surfactants Improve Oral Bioavailability of Nilotinib. Molecular Pharmaceutics, 2020, 17, 3202-3213.	2.3	24
89	Thermodynamics of complexation of tauro- and glyco-conjugated bile salts with two modified Î²-cyclodextrins. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 201-211.	1.6	23
90	Influence of bile on the absorption of halofantrine from lipid-based formulations. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 81, 281-287.	2.0	23

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91	Determination of the aggregation number for micelles by isothermal titration calorimetry. Thermochimica Acta, 2014, 588, 28-37.	1.2	23
92	The solid-state continuum: a perspective on the interrelationships between different solid-state forms in drug substance and drug product. Journal of Pharmacy and Pharmacology, 2015, 67, 757-772.	1.2	23
93	Challenges and trends in apomorphine drug delivery systems for the treatment of Parkinson's disease. Asian Journal of Pharmaceutical Sciences, 2018, 13, 507-517.	4.3	23
94	New Insights into Using Lipid Based Suspensions for â€˜Brick Dustâ€™ Molecules: Case Study of Nilotinib. Pharmaceutical Research, 2019, 36, 56.	1.7	23
95	Application of solid lipid nanoparticles as a long-term drug delivery platform for intramuscular and subcutaneous administration: In vitro and in vivo evaluation. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 163, 158-170.	2.0	23
96	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.	1.2	22
97	Correlation between the stability constant and pH for Î²-cyclodextrin complexes. International Journal of Pharmaceutics, 2019, 568, 118523.	2.6	22
98	Antibiotic Resistance: The Need For a Global Strategy. Journal of Pharmaceutical Sciences, 2016, 105, 2278-2287.	1.6	21
99	Oral and intravenous pharmacokinetics of taurine in sprague-dawley rats: the influence of dose and the possible involvement of the proton-coupled amino acid transporter, PAT1, in oral taurine absorption. Physiological Reports, 2017, 5, e13467.	0.7	21
100	Biorelevant intrinsic dissolution profiling in early drug development: Fundamental, methodological, and industrial aspects. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 139, 101-114.	2.0	21
101	Characterization of the complexation of tauro- and glyco-conjugated bile salts with Î³-cyclodextrin and 2-hydroxypropyl-Î³-cyclodextrin using affinity capillary electrophoresis. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 61, 161-169.	1.6	20
102	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.	1.2	20
103	Ex Vivo Correlation of the Permeability of Metoprolol Across Human and Porcine Buccal Mucosa. Journal of Pharmaceutical Sciences, 2014, 103, 2053-2061.	1.6	20
104	Displacement of Drugs From Cyclodextrin Complexes by Bile Salts: AÂSuggestion of an Intestinal Drug-Solubilizing Capacity From anÂ InÂVitro Model. Journal of Pharmaceutical Sciences, 2016, 105, 2640-2647.	1.6	20
105	Polysorbate 20 increases oral absorption of digoxin in wild-type Sprague Dawley rats, but not in mdr1a(-/-) Sprague Dawley rats. International Journal of Pharmaceutics, 2016, 513, 78-87.	2.6	20
106	In vivo evaluation of lipid-based formulations for oral delivery of apomorphine and its diester prodrugs. International Journal of Pharmaceutics, 2016, 513, 211-217.	2.6	20
107	Transcriptome analysis identifies activated signaling pathways and regulated ABC transporters and solute carriers after hyperosmotic stress in renal MDCK I cells. Genomics, 2019, 111, 1557-1565.	1.3	20
108	5-Hydroxy-l-tryptophan alters gaboxadol pharmacokinetics in rats: Involvement of PAT1 and rOat1 in gaboxadol absorption and elimination. European Journal of Pharmaceutical Sciences, 2010, 39, 68-75.	1.9	19

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109	PAT1 (SLC36A1) shows nuclear localization and affects growth of smooth muscle cells from rats. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E65-E74.	1.8	19
110	Extending the hydrophobic cavity of Î²-cyclodextrin results in more negative heat capacity changes but reduced binding affinities. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 78, 351-361.	0.9	19
111	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.	2.6	19
112	Complexation Thermodynamics of Modified Cyclodextrins: Extended Cavities and Distorted Structures. Journal of Physical Chemistry B, 2014, 118, 10120-10129.	1.2	19
113	Biological conversion of aripiprazole lauroxil âˆ' An N-acyloxymethyl aripiprazole prodrug. Results in Pharma Sciences, 2014, 4, 19-25.	4.2	19
114	In vitro evaluation of poloxamer in situ forming gels for bedaquiline fumarate salt and pharmacokinetics following intramuscular injection in rats. International Journal of Pharmaceutics: X, 2019, 1, 100016.	1.2	19
115	Supersaturated Lipid-Based Formulations to Enhance the Oral Bioavailability of Venetoclax. Pharmaceutics, 2020, 12, 564.	2.0	19
116	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.	1.9	18
117	Evaluation of the Use of GÃ¶ttingen Minipigs to Predict Food Effects on the Oral Absorption of Drugs in Humans. Journal of Pharmaceutical Sciences, 2015, 104, 135-143.	1.6	18
118	Novel Biphasic Lipolysis Method To Predict in Vivo Performance of Lipid-Based Formulations. Molecular Pharmaceutics, 2020, 17, 3342-3352.	2.3	18
119	Complexation of tauroâ€•and glycoâ€conjugated bile salts with Î±â€cyclodextrin and hydroxypropylâ€Î±â€cyclodextrin studied by affinity capillary electrophoresis and molecular modelling. Journal of Separation Science, 2011, 34, 3221-3230.	1.3	17
120	Determination of stability constants of tauro- and glyco-conjugated bile salts with the negatively charged sulfobutylether-Î²-cyclodextrin: comparison of affinity capillary electrophoresis and isothermal titration calorimetry and thermodynamic analysis of the interaction. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 78, 185-194.	0.9	17
121	Computational Investigation of Enthalpyâ€"Entropy Compensation in Complexation of Glycoconjugated Bile Salts with Î²-Cyclodextrin and Analogs. Journal of Physical Chemistry B, 2014, 118, 10889-10897.	1.2	17
122	Interaction of GABA-mimetics with the taurine transporter (TauT, Slc6a6) in hyperosmotic treated Caco-2, LLC-PK1 and rat renal SKPT cells. European Journal of Pharmaceutical Sciences, 2016, 82, 138-146.	1.9	17
123	Solution or suspension â€" Does it matter for lipid based systems? In vivo studies of chase dosing lipid vehicles with aqueous suspensions of a poorly soluble drug. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 117, 308-314.	2.0	17
124	Medicines for Pediatric Patientsâ€"Biopharmaceutical, Developmental, and Regulatory Considerations. Journal of Pharmaceutical Sciences, 2017, 106, 950-960.	1.6	17
125	Montmorillonite and Laponite Clay Materials for the Solidification of Lipid-Based Formulations for the Basic Drug Blonanserin: In Vitro and in Vivo Investigations. Molecular Pharmaceutics, 2018, 15, 4148-4160.	2.3	17
126	Exploring impact of supersaturated lipid-based drug delivery systems of celecoxib on in vitro permeation across Permeapadâ"‡ membrane and in vivo absorption. European Journal of Pharmaceutical Sciences, 2020, 152, 105452.	1.9	17

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127	Buccal absorption of diazepam is improved when administered in bioadhesive tabletsâ€"An in vivo study in conscious GÃ¶ttingen mini-pigs. International Journal of Pharmaceutics, 2016, 515, 125-131.	2.6	16
128	Apomorphine and its esters: Differences in Caco-2 cell permeability and chylomicron affinity. International Journal of Pharmaceutics, 2016, 509, 499-506.	2.6	16
129	Exploring precipitation inhibitors to improve in vivo absorption of cinnarizine from supersaturated lipid-based drug delivery systems. European Journal of Pharmaceutical Sciences, 2021, 159, 105691.	1.9	16
130	Rectal Absorption of Vigabatrin, a Substrate of the Proton Coupled Amino Acid Transporter (PAT1,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.7	15
131	A study of salt effects on the complexation between Î²-cyclodextrins and bile salts based on the Hofmeister series. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 80, 243-251.	0.9	15
132	Importance of in vitro dissolution conditions for the in vivo predictability of an amorphous solid dispersion containing a pH-sensitive carrier. International Journal of Pharmaceutics, 2017, 531, 324-331.	2.6	15
133	Cyclodextrin binding constants as a function of pH for compounds with multiple pKa values. International Journal of Pharmaceutics, 2020, 585, 119493.	2.6	15
134	Efficacy of oral lipid-based formulations of apomorphine and its diester in a Parkinson's disease rat model. Journal of Pharmacy and Pharmacology, 2017, 69, 1110-1115.	1.2	14
135	Exploring gastric emptying rate in minipigs: Effect of food type and pre-dosing of metoclopramide. European Journal of Pharmaceutical Sciences, 2018, 118, 183-190.	1.9	14
136	Development and evaluation of a biorelevant medium simulating porcine gastrointestinal fluids. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 154, 116-126.	2.0	14
137	Combining biorelevant in vitro and in silico tools to investigate the in vivo performance of the amorphous solid dispersion formulation of etravirine in the fed state. European Journal of Pharmaceutical Sciences, 2020, 149, 105297.	1.9	14
138	Supersaturated lipid-based drug delivery systems â€“ exploring impact of lipid composition type and drug properties on supersaturability and physical stability. Drug Development and Industrial Pharmacy, 2020, 46, 356-364.	0.9	14
139	Evaluating the predictability of the in vitro transfer model and in vivo rat studies as a surrogate to investigate the supersaturation and precipitation behaviour of different Albendazole formulations for humans. European Journal of Pharmaceutical Sciences, 2017, 105, 108-118.	1.9	13
140	Effect of different surfactants in biorelevant medium on the secretion of a lipophilic compound in lipoproteins using Caco-2 cell culture. Journal of Pharmaceutical Sciences, 2006, 95, 45-55.	1.6	12
141	Intestinal Drug Transport via the Proton-Coupled Amino Acid Transporter PAT1 (SLC36A1) Is Inhibited by Gly-X_{aa} Dipeptides. Molecular Pharmaceutics, 2012, 9, 2761-2769.	2.3	12
142	Thermodynamics of the interaction of Î³-cyclodextrin and tauro- and glyco-conjugated bile salts. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 75, 223-233.	1.6	12
143	The absorptive flux of the anti-epileptic drug substance vigabatrin is carrier-mediated across Caco-2 cell monolayers. European Journal of Pharmaceutical Sciences, 2014, 51, 1-10.	1.9	12
144	In vivo and In vitro Evaluations of Intestinal Gabapentin Absorption: Effect of Dose and Inhibitors on Carrier-Mediated Transport. Pharmaceutical Research, 2015, 32, 898-909.	1.7	12

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145	Statistical Analysis of a Method to Predict Drugâ€“Polymer Miscibility. Journal of Pharmaceutical Sciences, 2016, 105, 362-367.	1.6	12
146	Pharmacokinetic/Pharmacodynamic Relationship of Gabapentin in a CFA-induced Inflammatory Hyperalgesia Rat Model. Pharmaceutical Research, 2016, 33, 1133-1143.	1.7	12
147	Investigation of the Intra- and Interlaboratory Reproducibility of a Small Scale Standardized Supersaturation and Precipitation Method. Molecular Pharmaceutics, 2017, 14, 4161-4169.	2.3	12
148	Size Analysis of Small Particles in Wet Dispersions by Laser Diffractometry: A Guidance to Quality Data. Journal of Pharmaceutical Sciences, 2019, 108, 1905-1914.	1.6	12
149	Rational Selection of Bio-Enabling Oral Drug Formulations â€“ A PEARRL Commentary. Journal of Pharmaceutical Sciences, 2021, 110, 1921-1930.	1.6	12
150	Affinity capillary electrophoresis method for investigation of bile salts complexation with sulfobutyl etherâ€Î²â€cyclodextrin. Journal of Separation Science, 2012, 35, 2764-2772.	1.3	11
151	AzoneÂ® Decreases the Buccal Mucosal Permeation of Diazepam in a Concentration-Dependent Manner via a Reservoir Effect. Journal of Pharmaceutical Sciences, 2014, 103, 1133-1141.	1.6	11
152	Montmorillonite-surfactant hybrid particles for modulating intestinal P-glycoprotein-mediated transport. International Journal of Pharmaceutics, 2019, 571, 118696.	2.6	11
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