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	Osmolality of Excipients for Parenteral Formulation Measured by Freezing Point Depression and Vapor Pressure â€“ A Comparative Analysis. Pharmaceutical Research, 2023, 40, 1709-1722.	1.7	3
2	Exploring the interactions between buffers and cyclodextrin complexesâ€”formation of regular inclusion or atypical non-inclusion complexes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2022, 102, 151-158.	0.9	2
3	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
4	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
5	Do Phospholipids Boost or Attenuate Drug Absorption? InÂVitro and InÂVivo Evaluation of Mono- and Diacyl Phospholipid-Based Solid Dispersions of Celecoxib. Journal of Pharmaceutical Sciences, 2021, 110, 198-207.	1.6	8
6	Inhibitory Effects of 17-Î±-Ethinyl-Estradiol and 17-Î²-Estradiol on Transport Via the Intestinal Proton-Coupled Amino Acid Transporter (PAT1) Investigated InÂVitro and InÂVivo. Journal of Pharmaceutical Sciences, 2021, 110, 354-364.	1.6	3
7	Inhalationally Administered Semifluorinated Alkanes (SFAs) as Drug Carriers in an Experimental Model of Acute Respiratory Distress Syndrome. Pharmaceutics, 2021, 13, 431.	2.0	2
8	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
9	Picking up good vibrations: Exploration of the intensified vibratory mill via a modern design of experiments. International Journal of Pharmaceutics, 2021, 598, 120367.	2.6	0
10	In Silico, In Vitro, and In Vivo Evaluation of Precipitation Inhibitors in Supersaturated Lipid-Based Formulations of Venetoclax. Molecular Pharmaceutics, 2021, 18, 2174-2188.	2.3	11
11	Rational Selection of Bio-Enabling Oral Drug Formulations â€“ A PEARRL Commentary. Journal of Pharmaceutical Sciences, 2021, 110, 1921-1930.	1.6	12
12	Shedding a light on the physical stability of suspensions micronised with intensified vibratory milling; A trend observed with decreasing particle size as a function of time. International Journal of Pharmaceutics, 2021, 603, 120687.	2.6	3
13	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
14	Specific Buffers Affect the Stability of a Charged Cyclodextrin Complex Via Competitive Binding and Ionic Strength. Journal of Pharmaceutical Sciences, 2021, 110, 2661-2668.	1.6	5
15	Combining species specific in vitro & in silico models to predict in vivo food effect in a preclinical stage â€“ case study of Venetoclax. European Journal of Pharmaceutical Sciences, 2021, 162, 105840.	1.9	8
16	Lipid Based Formulations in Hard Gelatin and HPMC Capsules: a Physical Compatibility Study. Pharmaceutical Research, 2021, 38, 1439-1454.	1.7	2
17	Artificial Neural Networks to Predict the Apparent Degree of Supersaturation in Supersaturated Lipid-Based Formulations: A Pilot Study. Pharmaceutics, 2021, 13, 1398.	2.0	8
18	Lipophilic salts and lipid-based formulations for bridging the food effect gap of venetoclax. Journal of Pharmaceutical Sciences, 2021, , .	1.6	3

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19	Simultaneous determination of cyclodextrin stability constants as a function of pH and temperature â€“ A tool for drug formulation and process design. Journal of Drug Delivery Science and Technology, 2021, 65, 102675.	1.4	3
20	Oral etoposide and zosuquidar bioavailability in rats: Effect of co-administration and in vitro-in vivo correlation of P-glycoprotein inhibition. International Journal of Pharmaceutics: X, 2021, 3, 100089.	1.2	2
21	On the Design of Food Effect Studies in Adults for Extrapolating Oral Drug Absorption Data to Infants: an Exploratory Study Highlighting the Importance of Infant Food. AAPS Journal, 2020, 22, 6.	2.2	11
22	Successful Extrapolation of Paracetamol Exposure from Adults to Infants After Oral Administration of a Pediatric Aqueous Suspension Is Highly Dependent on the Study Dosing Conditions. AAPS Journal, 2020, 22, 126.	2.2	9
23	Development and evaluation of a biorelevant medium simulating porcine gastrointestinal fluids. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 154, 116-126.	2.0	14
24	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
25	Exploration of the heat generation within the intensified vibratory mill. International Journal of Pharmaceutics, 2020, 587, 119644.	2.6	1
26	Certain carboxylic acid buffers can destabilize Î²-cyclodextrin complexes by competitive interaction. International Journal of Pharmaceutics, 2020, 589, 119774.	2.6	6
27	Factors Affecting Successful Extrapolation of Ibuprofen Exposure from Adults to Pediatric Populations After Oral Administration of a Pediatric Aqueous Suspension. AAPS Journal, 2020, 22, 146.	2.2	6
28	Novel Biphasic Lipolysis Method To Predict in Vivo Performance of Lipid-Based Formulations. Molecular Pharmaceutics, 2020, 17, 3342-3352.	2.3	18
29	Toward simplified oral lipid-based drug delivery using mono-/di-glycerides as single component excipients. Drug Development and Industrial Pharmacy, 2020, 46, 2051-2060.	0.9	6
30	Chase Dosing of Lipid Formulations to Enhance Oral Bioavailability of Nilotinib in Rats. Pharmaceutical Research, 2020, 37, 124.	1.7	8
31	Cyclodextrin binding constants as a function of pH for compounds with multiple pKa values. International Journal of Pharmaceutics, 2020, 585, 119493.	2.6	15
32	High-dose etoposide formulations do not saturate intestinal P-glycoprotein: Development, stability, and pharmacokinetics in Sprague-Dawley rats. International Journal of Pharmaceutics, 2020, 583, 119399.	2.6	5
33	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
34	In Vivo Performance of Innovative Polyelectrolyte Matrices for Hot Melt Extrusion of Amorphous Drug Systems. Molecular Pharmaceutics, 2020, 17, 3053-3061.	2.3	4
35	Liposomes: Advancements and innovation in the manufacturing process. Advanced Drug Delivery Reviews, 2020, 154-155, 102-122.	6.6	256
36	Supersaturated Lipid-Based Formulations to Enhance the Oral Bioavailability of Venetoclax. Pharmaceutics, 2020, 12, 564.	2.0	19

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37	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
38	Determination of acidity constants for weak acids and bases by isothermal titration calorimetry. Journal of Pharmaceutical and Biomedical Analysis, 2020, 184, 113206.	1.4	8
39	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
40	Food for thought: formulating away the food effect â€“ a PEARRL review. Journal of Pharmacy and Pharmacology, 2019, 71, 510-535.	1.2	75
41	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
42	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
43	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
44	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
45	Correlation between the stability constant and pH for Î²-cyclodextrin complexes. International Journal of Pharmaceutics, 2019, 568, 118523.	2.6	22
46	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
47	Montmorillonite-surfactant hybrid particles for modulating intestinal P-glycoprotein-mediated transport. International Journal of Pharmaceutics, 2019, 571, 118696.	2.6	11
48	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
49	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
50	Does the Intake of Ethanol Affect Oral Absorption of Poorly Soluble Drugs?. Journal of Pharmaceutical Sciences, 2019, 108, 1765-1771.	1.6	6
51	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
52	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
53	Toward the establishment of a standardized pre-clinical porcine model to predict food effects â€“ Case studies on fenofibrate and paracetamol. International Journal of Pharmaceutics: X, 2019, 1, 100017.	1.2	3
54	Nfat5 is involved in the hyperosmotic regulation of Tmem184b: a putative modulator of ibuprofen transport in renal MDCK I cells. FEBS Open Bio, 2019, 9, 1071-1081.	1.0	3

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55	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
56	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
57	New Insights into Using Lipid Based Suspensions for â€˜Brick Dustâ€™ Molecules: Case Study of Nilotinib. Pharmaceutical Research, 2019, 36, 56.	1.7	23
58	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
59	Solidification to improve the biopharmaceutical performance of SEDDS: Opportunities and challenges. Advanced Drug Delivery Reviews, 2019, 142, 102-117.	6.6	76
60	Modified Polymer Matrix in Pharmaceutical Hot Melt Extrusion by Molecular Interactions with a Carboxylic Coformer. Molecular Pharmaceutics, 2019, 16, 141-150.	2.3	11
61	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
62	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
63	Comparison of two DSC-based methods to predict drug-polymer solubility. International Journal of Pharmaceutics, 2018, 540, 98-105.	2.6	48
64	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
65	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
66	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
67	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
68	Injectable anti-malarials revisited: discovery and development of new agents to protect against malaria. Malaria Journal, 2018, 17, 402.	0.8	30
69	Solid lipid nanocarriers in drug delivery: characterization and design. Expert Opinion on Drug Delivery, 2018, 15, 771-785.	2.4	90
70	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
71	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
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	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
74	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
75	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
76	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
77	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
78	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
79	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
80	Medicines for Pediatric Patientsâ€”Biopharmaceutical, Developmental, and Regulatory Considerations. Journal of Pharmaceutical Sciences, 2017, 106, 950-960.	1.6	17
81	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
82	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
83	Validation of Dissolution Testing with Biorelevant Media: An OrBiTo Study. Molecular Pharmaceutics, 2017, 14, 4192-4201.	2.3	69
84	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
85	Development of a Î¼Dissolution-Permeation model with in situ drug concentration monitoring. Journal of Drug Delivery Science and Technology, 2016, 35, 223-233.	1.4	6
86	Quantitative surface topography assessment of directly compressed and roller compacted tablet cores using photometric stereo image analysis. European Journal of Pharmaceutical Sciences, 2016, 87, 79-87.	1.9	6
87	A Promising New Method to Estimate Drug-Polymer Solubility at Room Temperature. Journal of Pharmaceutical Sciences, 2016, 105, 2621-2624.	1.6	28
88	Industrial Pharmaceutics. European Journal of Pharmaceutical Sciences, 2016, 87, 1-2.	1.9	1
89	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
90	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

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91	Ibuprofen transport in renal cell cultures: characterization of an ibuprofen transporter upregulated by hyperosmolarity. MedChemComm, 2016, 7, 1916-1924.	3.5	2
92	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
93	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
94	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
95	A Transporter of Ibuprofen is Upregulated in MDCK I Cells under Hyperosmotic Culture Conditions. Molecular Pharmaceutics, 2016, 13, 3119-3129.	2.3	6
96	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
97	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
98	Antibiotic Resistance: The Need For a Global Strategy. Journal of Pharmaceutical Sciences, 2016, 105, 2278-2287.	1.6	21
99	Apomorphine and its esters: Differences in Caco-2 cell permeability and chylomicron affinity. International Journal of Pharmaceutics, 2016, 509, 499-506.	2.6	16
100	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
101	Statistical Analysis of a Method to Predict Drugâ€"Polymer Miscibility. Journal of Pharmaceutical Sciences, 2016, 105, 362-367.	1.6	12
102	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
103	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
104	Pharmacokinetic/Pharmacodynamic Relationship of Gabapentin in a CFA-induced Inflammatory Hyperalgesia Rat Model. Pharmaceutical Research, 2016, 33, 1133-1143.	1.7	12
105	Tween 20 increases intestinal transport of doxorubicin in vitro but not in vivo. International Journal of Pharmaceutics, 2016, 498, 66-69.	2.6	9
106	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
107	Methodology of oral formulation selection in the pharmaceutical industry. European Journal of Pharmaceutical Sciences, 2016, 87, 136-163.	1.9	52
108	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

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109	Pharmaceutical excipients â€" quality, regulatory and biopharmaceutical considerations. European Journal of Pharmaceutical Sciences, 2016, 87, 88-99.	1.9	88
110	Analytical advances in pharmaceutical impurity profiling. European Journal of Pharmaceutical Sciences, 2016, 87, 118-135.	1.9	54
111	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
112	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
113	Hydration Differences Explain the Large Variations in the Complexation Thermodynamics of Modified Î³-Cyclodextrins with Bile Salts. Journal of Physical Chemistry B, 2016, 120, 396-405.	1.2	8
114	Influence of PVP/VA copolymer composition on drugâ€"polymer solubility. European Journal of Pharmaceutical Sciences, 2016, 85, 10-17.	1.9	53
115	Does the Digestibility of Cyclodextrins Influence the InÂVivo Absorption of Benzo[a]pyrene in Rats?. Journal of Pharmaceutical Sciences, 2016, 105, 2698-2702.	1.6	2
116	A heuristic model to quantify the impact of excess cyclodextrin on oral drug absorption from aqueous solution. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 102, 142-151.	2.0	4
117	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
118	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
119	Investigation of surface porosity measurements and compaction pressure as means to ensure consistent contact angle determinations. International Journal of Pharmaceutics, 2016, 498, 355-361.	2.6	10
120	Thermodynamic investigation of the interaction between cyclodextrins and preservatives â€" Application and verification in a mathematical model to determine the needed preservative surplus in aqueous cyclodextrin formulations. European Journal of Pharmaceutical Sciences, 2016, 87, 22-29.	1.9	8
121	Dissolution Model Development: Formulation Effects and Filter Complications. Dissolution Technologies, 2016, 23, 6-12.	0.2	3
122	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
123	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
124	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
125	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
126	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

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127	Comparative Study of Different Methods for the Prediction of Drugâ€“Polymer Solubility. Molecular Pharmaceutics, 2015, 12, 3408-3419.	2.3	111
128	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
129	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
130	Evaluation of pharmacokinetic properties and anaesthetic effects of propofol in a new perfluorohexyloctane (F6H8) emulsion in rats â€“ A comparative study. International Journal of Pharmaceutics, 2015, 486, 69-76.	2.6	8
131	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
132	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
133	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
134	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
135	Pharmacokinetic aspects of the anti-epileptic drug substance vigabatrin: focus on transporter interactions. Therapeutic Delivery, 2014, 5, 927-942.	1.2	10
136	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
137	Conscious and anaesthetised GÃ¶ttingen mini-pigs as anin-vivomodel for buccal absorption â€“ pH-dependent absorption of metoprolol from bioadhesive tablets. Drug Development and Industrial Pharmacy, 2014, 40, 604-610.	0.9	7
138	Intestinal absorption of the antiepileptic drug substance vigabatrin is altered by infant formula in vitro and in vivo.. Pharmacology Research and Perspectives, 2014, 2, e00036.	1.1	8
139	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
140	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
141	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
142	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
143	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
144	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

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145	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
146	Determination of the aggregation number for micelles by isothermal titration calorimetry. Thermochimica Acta, 2014, 588, 28-37.	1.2	23
147	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
148	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
149	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
150	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
151	The anti-epileptic drug substance vigabatrin inhibits taurine transport in intestinal and renal cell culture models. International Journal of Pharmaceutics, 2014, 473, 395-397.	2.6	7
152	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
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