Ren Holm

List of Publications by Year in Descending Order

202 papers	5,181 citations	39 h-index	60 g-index
206 ext. papers	6,038 ext. citations	4.9 avg, IF	6.08 L-index

#	Paper	IF	Citations
202	Exploring the interactions between buffers and cyclodextrin complexes: Formation of regular inclusion or atypical non-inclusion complexes. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2022**, 102, 151	1.7	1
201	Preformulation Considerations for Design of Oral Modified-Release Products **2022**, 87-102		
200	Preclinical Evaluation: Animal Models to Evaluate MR Formulations **2022**, 325-339		
199	Osmolality of Excipients for Parenteral Formulation Measured by Freezing Point Depression and Vapor Pressure - A Comparative Analysis.. *Pharmaceutical Research*, **2022**, 1	4.5	0
198	Best practices in current models mimicking drug permeability in the gastrointestinal tract - an UNGAP review.. *European Journal of Pharmaceutical Sciences*, **2021**, 170, 106098	5.1	3
197	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	5.1	2
196	Picking up good vibrations: Exploration of the intensified vibratory mill via a modern design of experiments. *International Journal of Pharmaceutics*, **2021**, 598, 120367	6.5	
195	, , and Evaluation of Precipitation Inhibitors in Supersaturated Lipid-Based Formulations of Venetoclax. *Molecular Pharmaceutics*, **2021**, 18, 2174-2188	5.6	2
194	Rational Selection of Bio-Enabling Oral Drug Formulations - A PEARRL Commentary. *Journal of Pharmaceutical Sciences*, **2021**, 110, 1921-1930	3.9	3
193	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	6.5	
192	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	5.7	7
191	Specific Buffers Affect the Stability of a Charged Cyclodextrin Complex Via Competitive Binding and Ionic Strength. *Journal of Pharmaceutical Sciences*, **2021**, 110, 2661-2668	3.9	1
190	Characterization of gastrointestinal transit and luminal conditions in pigs using a telemetric motility capsule. *European Journal of Pharmaceutical Sciences*, **2021**, 156, 105627	5.1	10
189	Do Phospholipids Boost or Attenuate Drug Absorption? In Vitro and In Vivo Evaluation of Mono- and Diacyl Phospholipid-Based Solid Dispersions of Celecoxib. *Journal of Pharmaceutical Sciences*, **2021**, 110, 198-207	3.9	4
188	Inhibitory Effects of 17-Ethinyl-Estradiol and 17-Estradiol on Transport Via the Intestinal Proton-Coupled Amino Acid Transporter (PAT1) Investigated In Vitro and In Vivo. *Journal of Pharmaceutical Sciences*, **2021**, 110, 354-364	3.9	
187	Combining species specific in vitro & in silico models to predict in vivo food effect in a preclinical stage - case study of Venetoclax. *European Journal of Pharmaceutical Sciences*, **2021**, 162, 105840	5.1	5
186	Lipid Based Formulations in Hard Gelatin and HPMC Capsules: a Physical Compatibility Study. *Pharmaceutical Research*, **2021**, 38, 1439-1454	4.5	1

185	Lipophilic Salts and Lipid-Based Formulations for Bridging the Food Effect Gap of Venetoclax. *Journal of Pharmaceutical Sciences*, **2021**,	3.9	1
184	Simultaneous determination of cyclodextrin stability constants as a function of pH and temperature □A tool for drug formulation and process design. *Journal of Drug Delivery Science and Technology*, **2021**, 65, 102675	4.5	0
183	Oral etoposide and zosuquidar bioavailability in rats: Effect of co-administration and - correlation of P-glycoprotein inhibition.. *International Journal of Pharmaceutics: X*, **2021**, 3, 100089	3.2	0
182	Chase Dosing of Lipid Formulations to Enhance Oral Bioavailability of Nilotinib in Rats. *Pharmaceutical Research*, **2020**, 37, 124	4.5	5
181	Cyclodextrin binding constants as a function of pH for compounds with multiple pK values. *International Journal of Pharmaceutics*, **2020**, 585, 119493	6.5	5
180	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	6.5	2
179	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	5.1	6
178	In Vivo Performance of Innovative Polyelectrolyte Matrices for Hot Melt Extrusion of Amorphous Drug Systems. *Molecular Pharmaceutics*, **2020**, 17, 3053-3061	5.6	1
177	Liposomes: Advancements and innovation in the manufacturing process. *Advanced Drug Delivery Reviews*, **2020**, 154-155, 102-122	18.5	72
176	Supersaturated Lipid-Based Formulations to Enhance the Oral Bioavailability of Venetoclax. *Pharmaceutics*, **2020**, 12,	6.4	10
175	Exploring impact of supersaturated lipid-based drug delivery systems of celecoxib on in vitro permeation across Permeapad membrane and in vivo absorption. *European Journal of Pharmaceutical Sciences*, **2020**, 152, 105452	5.1	8
174	Determination of acidity constants for weak acids and bases by isothermal titration calorimetry. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 184, 113206	3.5	3
173	Supersaturated lipid-based drug delivery systems - exploring impact of lipid composition type and drug properties on supersaturability and physical stability. *Drug Development and Industrial Pharmacy*, **2020**, 46, 356-364	3.6	8
172	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	3.7	2
171	Development and evaluation of a biorelevant medium simulating porcine gastrointestinal fluids. *European Journal of Pharmaceutics and Biopharmaceutics*, **2020**, 154, 116-126	5.7	7
170	Exploring the Impact of Surfactant Type and Digestion: Highly Digestible Surfactants Improve Oral Bioavailability of Nilotinib. *Molecular Pharmaceutics*, **2020**, 17, 3202-3213	5.6	9
169	Exploration of the heat generation within the intensified vibratory mill. *International Journal of Pharmaceutics*, **2020**, 587, 119644	6.5	1
168	Certain carboxylic acid buffers can destabilize □cyclodextrin complexes by competitive interaction. *International Journal of Pharmaceutics*, **2020**, 589, 119774	6.5	4

167	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	3.7	3
166	Novel Biphasic Lipolysis Method To Predict Performance of Lipid-Based Formulations. *Molecular Pharmaceutics*, **2020**, 17, 3342-3352	5.6	10
165	Toward simplified oral lipid-based drug delivery using mono-/di-glycerides as single component excipients. *Drug Development and Industrial Pharmacy*, **2020**, 46, 2051-2060	3.6	3
164	Bridging the gaps between academic research and industrial product developments of lipid-based formulations. *Advanced Drug Delivery Reviews*, **2019**, 142, 118-127	18.5	23
163	Size Analysis of Small Particles in Wet Dispersions by Laser Diffractometry: A Guidance to Quality Data. *Journal of Pharmaceutical Sciences*, **2019**, 108, 1905-1914	3.9	5
162	Does the Intake of Ethanol Affect Oral Absorption of Poorly Soluble Drugs?. *Journal of Pharmaceutical Sciences*, **2019**, 108, 1765-1771	3.9	1
161	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	6.5	24
160	evaluation of poloxamer forming gels for bedaquiline fumarate salt and pharmacokinetics following intramuscular injection in rats. *International Journal of Pharmaceutics: X*, **2019**, 1, 100016	3.2	11
159	Toward the establishment of a standardized pre-clinical porcine model to predict food effects - Case studies on fenofibrate and paracetamol. *International Journal of Pharmaceutics: X*, **2019**, 1, 100017	3.2	2
158	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	2.7	0
157	Biorelevant intrinsic dissolution profiling in early drug development: Fundamental, methodological, and industrial aspects. *European Journal of Pharmaceutics and Biopharmaceutics*, **2019**, 139, 101-114	5.7	9
156	Buffer solutions in drug formulation and processing: How pK values depend on temperature, pressure and ionic strength. *International Journal of Pharmaceutics*, **2019**, 560, 357-364	6.5	8
155	New Insights into Using Lipid Based Suspensions for "Brick Dust" Molecules: Case Study of Nilotinib. *Pharmaceutical Research*, **2019**, 36, 56	4.5	10
154	Food for thought: formulating away the food effect - a PEARRL review. *Journal of Pharmacy and Pharmacology*, **2019**, 71, 510-535	4.8	47
153	Approaches to increase mechanistic understanding and aid in the selection of precipitation inhibitors for supersaturating formulations - a PEARRL review. *Journal of Pharmacy and Pharmacology*, **2019**, 71, 483-509	4.8	37
152	Biopharmaceutical considerations in paediatrics with a view to the evaluation of orally administered drug products - a PEARRL review. *Journal of Pharmacy and Pharmacology*, **2019**, 71, 603-642	4.8	23
151	Lipophilicity and hydrophobicity considerations in bio-enabling oral formulations approaches - a PEARRL review. *Journal of Pharmacy and Pharmacology*, **2019**, 71, 464-482	4.8	42
150	Application of the solubility parameter concept to assist with oral delivery of poorly water-soluble drugs - a PEARRL review. *Journal of Pharmacy and Pharmacology*, **2019**, 71, 441-463	4.8	19

149	Correlation between the stability constant and pH for β-cyclodextrin complexes. *International Journal of Pharmaceutics*, **2019**, 568, 118523	6.5	12
148	Exploring the Origins of Enthalpy-Entropy Compensation by Calorimetric Studies of Cyclodextrin Complexes. *Journal of Physical Chemistry B*, **2019**, 123, 6686-6693	3.4	17
147	Montmorillonite-surfactant hybrid particles for modulating intestinal P-glycoprotein-mediated transport. *International Journal of Pharmaceutics*, **2019**, 571, 118696	6.5	7
146	Strategies for the Formulation Development of Poorly Soluble Drugs via Oral Route. *Methods and Principles in Medicinal Chemistry*, **2019**, 49-89	0.4	
145	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*, **2019**, 22, 6	3.7	5
144	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	4.3	6
143	Solidification to improve the biopharmaceutical performance of SEDDS: Opportunities and challenges. *Advanced Drug Delivery Reviews*, **2019**, 142, 102-117	18.5	43
142	Modified Polymer Matrix in Pharmaceutical Hot Melt Extrusion by Molecular Interactions with a Carboxylic Coformer. *Molecular Pharmaceutics*, **2019**, 16, 141-150	5.6	10
141	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	4.8	30
140	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	6.5	18
139	Comparison of two DSC-based methods to predict drug-polymer solubility. *International Journal of Pharmaceutics*, **2018**, 540, 98-105	6.5	28
138	Exploring gastric emptying rate in minipigs: Effect of food type and pre-dosing of metoclopramide. *European Journal of Pharmaceutical Sciences*, **2018**, 118, 183-190	5.1	11
137	Influence of PVP molecular weight on the microwave assisted in situ amorphization of indomethacin. *European Journal of Pharmaceutics and Biopharmaceutics*, **2018**, 122, 62-69	5.7	23
136	Solid lipid nanocarriers in drug delivery: characterization and design. *Expert Opinion on Drug Delivery*, **2018**, 15, 771-785	8	44
135	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	5.6	10
134	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	5.7	30
133	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	3.7	21
132	Challenges and trends in apomorphine drug delivery systems for the treatment of Parkinson's disease. *Asian Journal of Pharmaceutical Sciences*, **2018**, 13, 507-517	9	16

131	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	6.5	18
130	Injectable anti-malarials revisited: discovery and development of new agents to protect against malaria. *Malaria Journal*, **2018**, 17, 402	3.6	13
129	Amorphization within the tablet: Using microwave irradiation to form a glass solution in situ. *International Journal of Pharmaceutics*, **2017**, 519, 343-351	6.5	25
128	A survey on IVIVC/IVIVR development in the pharmaceutical industry - Past experience and current perspectives. *European Journal of Pharmaceutical Sciences*, **2017**, 102, 1-13	5.1	32
127	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	5.7	39
126	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	5.1	12
125	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. *European Journal of Pharmaceutics and Biopharmaceutics*, **2017**, 117, 308-314	5.7	15
124	Soluble 1:1 complexes and insoluble 3:2 complexes - Understanding the phase-solubility diagram of hydrocortisone and □cyclodextrin. *International Journal of Pharmaceutics*, **2017**, 531, 504-511	6.5	23
123	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	4.8	12
122	Medicines for Pediatric Patients-Biopharmaceutical, Developmental, and Regulatory Considerations. *Journal of Pharmaceutical Sciences*, **2017**, 106, 950-960	3.9	10
121	Investigation of the Intra- and Interlaboratory Reproducibility of a Small Scale Standardized Supersaturation and Precipitation Method. *Molecular Pharmaceutics*, **2017**, 14, 4161-4169	5.6	10
120	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	6.5	10
119	Validation of Dissolution Testing with Biorelevant Media: An OrBiTo Study. *Molecular Pharmaceutics*, **2017**, 14, 4192-4201	5.6	48
118	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	2.6	18
117	Thermodynamic investigation of the interaction between cyclodextrins and preservatives - Application and verification in a mathematical model to determine the needed preservative surplus in aqueous cyclodextrin formulations. *European Journal of Pharmaceutical Sciences*, **2016**, 87, 22-9	5.1	8
116	Use of Permeapad□ 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	5.1	17
115	A Transporter of Ibuprofen is Upregulated in MDCK I Cells under Hyperosmotic Culture Conditions. *Molecular Pharmaceutics*, **2016**, 13, 3119-29	5.6	4
114	Transferrin receptor expression and role in transendothelial transport of transferrin in cultured brain endothelial monolayers. *Molecular and Cellular Neurosciences*, **2016**, 76, 59-67	4.8	21

113	In vivo evaluation of lipid-based formulations for oral delivery of apomorphine and its diester prodrugs. *International Journal of Pharmaceutics*, **2016**, 513, 211-217	6.5	18
112	Antibiotic Resistance: The Need For a Global Strategy. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2278-87	3.9	13
111	Apomorphine and its esters: Differences in Caco-2 cell permeability and chylomicron affinity. *International Journal of Pharmaceutics*, **2016**, 509, 499-506	6.5	12
110	Interlaboratory Validation of Small-Scale Solubility and Dissolution Measurements of Poorly Water-Soluble Drugs. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2864-2872	3.9	30
109	Statistical Analysis of a Method to Predict Drug-Polymer Miscibility. *Journal of Pharmaceutical Sciences*, **2016**, 105, 362-7	3.9	11
108	Effect of cyclodextrin concentration on the oral bioavailability of danazol and cinnarizine in rats. *European Journal of Pharmaceutics and Biopharmaceutics*, **2016**, 101, 9-14	5.7	26
107	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	5.1	24
106	Pharmacokinetic/Pharmacodynamic Relationship of Gabapentin in a CFA-induced Inflammatory Hyperalgesia Rat Model. *Pharmaceutical Research*, **2016**, 33, 1133-43	4.5	10
105	Tween 20 increases intestinal transport of doxorubicin in vitro but not in vivo. *International Journal of Pharmaceutics*, **2016**, 498, 66-9	6.5	9
104	Influence of Copolymer Composition on In Vitro and In Vivo Performance of Celecoxib-PVP/VA Amorphous Solid Dispersions. *AAPS Journal*, **2016**, 18, 416-23	3.7	20
103	Methodology of oral formulation selection in the pharmaceutical industry. *European Journal of Pharmaceutical Sciences*, **2016**, 87, 136-63	5.1	41
102	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	5.1	25
101	Pharmaceutical excipients - quality, regulatory and biopharmaceutical considerations. *European Journal of Pharmaceutical Sciences*, **2016**, 87, 88-99	5.1	62
100	Analytical advances in pharmaceutical impurity profiling. *European Journal of Pharmaceutical Sciences*, **2016**, 87, 118-35	5.1	42
99	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, 138-46	5.1	12
98	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, 145-51	5.7	44
97	Hydration Differences Explain the Large Variations in the Complexation Thermodynamics of Modified Cyclodextrins with Bile Salts. *Journal of Physical Chemistry B*, **2016**, 120, 396-405	3.4	8
96	Influence of PVP/VA copolymer composition on drug-polymer solubility. *European Journal of Pharmaceutical Sciences*, **2016**, 85, 10-7	5.1	33

95	Does the Digestibility of Cyclodextrins Influence the In Vivo Absorption of Benzo[a]pyrene in Rats?. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2698-2702	3.9	2
94	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, 142-51	5.7	4
93	Glass solution formation in water - In situ amorphization of naproxen and ibuprofen with Eudragit E PO. *Journal of Drug Delivery Science and Technology*, **2016**, 34, 32-40	4.5	25
92	Recent advances and potential applications of modulated differential scanning calorimetry (mDSC) in drug development. *European Journal of Pharmaceutical Sciences*, **2016**, 87, 164-73	5.1	41
91	Investigation of surface porosity measurements and compaction pressure as means to ensure consistent contact angle determinations. *International Journal of Pharmaceutics*, **2016**, 498, 355-61	6.5	9
90	Development of a Dissolution-Permeation model with in situ drug concentration monitoring. *Journal of Drug Delivery Science and Technology*, **2016**, 35, 223-233	4.5	6
89	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	5.1	5
88	A Promising New Method to Estimate Drug-Polymer Solubility at Room Temperature. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2621-2624	3.9	19
87	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, 106-14	5.7	25
86	Displacement of Drugs From Cyclodextrin Complexes by Bile Salts: A Suggestion of an Intestinal Drug-Solubilizing Capacity From an In Vitro Model. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2640-2647	3.9	17
85	Ibuprofen transport in renal cell cultures: characterization of an ibuprofen transporter upregulated by hyperosmolarity. *MedChemComm*, **2016**, 7, 1916-1924	5	2
84	Buccal absorption of diazepam is improved when administered in bioadhesive tablets-An in vivo study in conscious Göttingen mini-pigs. *International Journal of Pharmaceutics*, **2016**, 515, 125-131	6.5	15
83	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	6.5	16
82	Evaluation of the use of Göttingen minipigs to predict food effects on the oral absorption of drugs in humans. *Journal of Pharmaceutical Sciences*, **2015**, 104, 135-43	3.9	16
81	Comparative Study of Different Methods for the Prediction of Drug-Polymer Solubility. *Molecular Pharmaceutics*, **2015**, 12, 3408-19	5.6	80
80	Permeapad 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, 192-7	6.5	31
79	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	9.3	32
78	Evaluation of pharmacokinetic properties and anaesthetic effects of propofol in a new perfluorohexyloctane (F6H8) emulsion in rats--A comparative study. *International Journal of Pharmaceutics*, **2015**, 486, 69-76	6.5	5

77	Evaluation of drug-polymer solubility curves through formal statistical analysis: comparison of preparation techniques. *Journal of Pharmaceutical Sciences*, **2015**, 104, 44-51	3.9	30
76	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, 757-72	4.8	21
75	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	4.5	10
74	Influence of Polymer Molecular Weight on Drug-Polymer Solubility: A Comparison between Experimentally Determined Solubility in PVP and Prediction Derived from Solubility in Monomer. *Journal of Pharmaceutical Sciences*, **2015**, 104, 2905-12	3.9	67
73	Investigation of enzyme-sensitive lipid nanoparticles for delivery of siRNA to blood-brain barrier and glioma cells. *International Journal of Nanomedicine*, **2015**, 10, 5995-6008	7.3	35
72	Lipophilic prodrugs of apomorphine I: preparation, characterisation, and in vitro enzymatic hydrolysis in biorelevant media. *European Journal of Pharmaceutics and Biopharmaceutics*, **2015**, 89, 216-23	5.7	29
71	Kolliphor surfactants affect solubilization and bioavailability of fenofibrate. Studies of in vitro digestion and absorption in rats. *Molecular Pharmaceutics*, **2015**, 12, 1062-71	5.6	32
70	In vivo methods for drug absorption - 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	5.1	196
69	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	5.1	11
68	Determination of the aggregation number for micelles by isothermal titration calorimetry. *Thermochimica Acta*, **2014**, 588, 28-37	2.9	20
67	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, 204-10	5.1	30
66	Early pharmaceutical profiling to predict oral drug absorption: current status and unmet needs. *European Journal of Pharmaceutical Sciences*, **2014**, 57, 173-99	5.1	198
65	Computational investigation of enthalpy-entropy compensation in complexation of glycoconjugated bile salts with β-cyclodextrin and analogs. *Journal of Physical Chemistry B*, **2014**, 118, 10889-97	3.4	12
64	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. *International Journal of Pharmaceutics*, **2014**, 473, 356-65	6.5	17
63	The anti-epileptic drug substance vigabatrin inhibits taurine transport in intestinal and renal cell culture models. *International Journal of Pharmaceutics*, **2014**, 473, 395-7	6.5	7
62	Azone® decreases the buccal mucosal permeation of diazepam in a concentration-dependent manner via a reservoir effect. *Journal of Pharmaceutical Sciences*, **2014**, 103, 1133-41	3.9	10
61	In vitro lipolysis data does not adequately predict the in vivo performance of lipid-based drug delivery systems containing fenofibrate. *AAPS Journal*, **2014**, 16, 539-49	3.7	84
60	Complexation thermodynamics of modified cyclodextrins: extended cavities and distorted structures. *Journal of Physical Chemistry B*, **2014**, 118, 10120-9	3.4	13

59	Intestinal absorption of the antiepileptic drug substance vigabatrin in Göttingen mini-pigs is unaffected by co-administration of amino acids. *International Journal of Pharmaceutics*, **2014**, 466, 18-20	6.5	5
58	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, 164-72	5.1	30
57	Biological conversion of aripiprazole lauroxil - An N-acyloxymethyl aripiprazole prodrug. *Results in Pharma Sciences*, **2014**, 4, 19-25		13
56	Ex vivo correlation of the permeability of metoprolol across human and porcine buccal mucosa. *Journal of Pharmaceutical Sciences*, **2014**, 103, 2053-2061	3.9	14
55	Pharmacokinetic aspects of the anti-epileptic drug substance vigabatrin: focus on transporter interactions. *Therapeutic Delivery*, **2014**, 5, 927-42	3.8	9
54	PAT1 (SLC36A1) shows nuclear localization and affects growth of smooth muscle cells from rats. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 306, E65-74	6	15
53	Conscious and anaesthetised Göttingen mini-pigs as an in-vivo model for buccal absorption - pH-dependent absorption of metoprolol from bioadhesive tablets. *Drug Development and Industrial Pharmacy*, **2014**, 40, 604-10	3.6	6
52	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	3.1	6
51	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, 232-9	5.1	57
50	Extending the hydrophobic cavity of β-cyclodextrin results in more negative heat capacity changes but reduced binding affinities. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2014**, 78, 351-361	1.7	12
49	Determination of stability constants of tauro- and glyco-conjugated bile salts with the negatively charged sulfobutylether-β-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	1.7	12
48	In vitro models for the prediction of in vivo performance of oral dosage forms. *European Journal of Pharmaceutical Sciences*, **2014**, 57, 342-66	5.1	240
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46	Aqueous solubility: simple predictive methods (in silico, in vitro and bio-relevant approaches). *International Journal of Pharmaceutics*, **2013**, 453, 3-11	6.5	40
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