# Ren Holm

## List of Publications by Citations



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| 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 | 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 |
| 201 | Use of pharmaceutical salts and cocrystals to address the issue of poor solubility. *International Journal of Pharmaceutics*, **2013**, 453, 88-100 | 6.5 | 206 |
| 200 | Lipid-based formulations for oral administration of poorly water-soluble drugs. *International Journal of Pharmaceutics*, **2013**, 453, 215-24 | 6.5 | 203 |
| 199 | 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 |
| 198 | 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 |
| 197 | Bile salts and their importance for drug absorption. *International Journal of Pharmaceutics*, **2013**, 453, 44-55 | 6.5 | 135 |
| 196 | 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, 91-7 | 5.1 | 110 |
| 195 | Supersaturated self-nanoemulsifying drug delivery systems (Super-SNEDDS) enhance the bioavailability of the poorly water-soluble drug simvastatin in dogs. *AAPS Journal*, **2013**, 15, 219-27 | 3.7 | 98 |
| 194 | Lipid-based formulations for danazol containing a digestible surfactant, Labrafil M2125CS: in vivo bioavailability and dynamic in vitro lipolysis. *Pharmaceutical Research*, **2008**, 25, 2769-77 | 4.5 | 89 |
| 193 | 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 |
| 192 | Comparative Study of Different Methods for the Prediction of Drug-Polymer Solubility. *Molecular Pharmaceutics*, **2015**, 12, 3408-19 | 5.6 | 80 |
| 191 | Liposomes: Advancements and innovation in the manufacturing process. *Advanced Drug Delivery Reviews*, **2020**, 154-155, 102-122 | 18.5 | 72 |
| 190 | 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 |
| 189 | Characterising lipid lipolysis and its implication in lipid-based formulation development. *AAPS Journal*, **2012**, 14, 860-71 | 3.7 | 66 |
| 188 | Pharmaceutical excipients - quality, regulatory and biopharmaceutical considerations. *European Journal of Pharmaceutical Sciences*, **2016**, 87, 88-99 | 5.1 | 62 |
| 187 | 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, 211-8 | 5.1 | 60 |
| 186 | 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 |

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| 185 | Structured triglyceride vehicles for oral delivery of halofantrine: examination of intestinal lymphatic transport and bioavailability in conscious rats. *Pharmaceutical Research*, **2002**, 19, 1354-61 | 4.5 | 53 |
| 184 | Hydroxypropyl-substituted Ecyclodextrins: influence of degree of substitution on the thermodynamics of complexation with tauroconjugated and glycoconjugated bile salts. *Langmuir*, **2010**, 26, 17949-57 | 4 | 52 |
| 183 | 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 | 4.7 | 51 |
| 182 | Characterization and physical stability of spray dried solid dispersions of probucol and PVP-K30. *Pharmaceutical Development and Technology*, **2008**, 13, 375-86 | 3.4 | 50 |
| 181 | Optimization of self-microemulsifying drug delivery systems (SMEDDS) using a D-optimal design and the desirability function. *Drug Development and Industrial Pharmacy*, **2006**, 32, 1025-32 | 3.6 | 50 |
| 180 | Validation of Dissolution Testing with Biorelevant Media: An OrBiTo Study. *Molecular Pharmaceutics*, **2017**, 14, 4192-4201 | 5.6 | 48 |
| 179 | Food for thought: formulating away the food effect - a PEARRL review. *Journal of Pharmacy and Pharmacology*, **2019**, 71, 510-535 | 4.8 | 47 |
| 178 | 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, 942-51 | 5.7 | 47 |
| 177 | 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, 261-70 | 5.1 | 45 |
| 176 | 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 |
| 175 | Solid lipid nanocarriers in drug delivery: characterization and design. *Expert Opinion on Drug Delivery*, **2018**, 15, 771-785 | 8 | 44 |
| 174 | Food matrices affect the bioavailability of (nB) polyunsaturated fatty acids in a single meal study in humans. *Food Research International*, **2007**, 40, 1062-1068 | 7 | 43 |
| 173 | Solidification to improve the biopharmaceutical performance of SEDDS: Opportunities and challenges. *Advanced Drug Delivery Reviews*, **2019**, 142, 102-117 | 18.5 | 43 |
| 172 | Analytical advances in pharmaceutical impurity profiling. *European Journal of Pharmaceutical Sciences*, **2016**, 87, 118-35 | 5.1 | 42 |
| 171 | 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 |
| 170 | Methodology of oral formulation selection in the pharmaceutical industry. *European Journal of Pharmaceutical Sciences*, **2016**, 87, 136-63 | 5.1 | 41 |
| 169 | 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 |
| 168 | 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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| 167 | In vitro, ex vivo and in vivo examination of buccal absorption of metoprolol with varying pH in TR146 cell culture, porcine buccal mucosa and Göttingen minipigs. *European Journal of Pharmaceutical Sciences*, **2013**, 49, 117-24 | 5.1 | 40 |
| 166 | Methylated β-cyclodextrins: influence of degree and pattern of substitution on the thermodynamics of complexation with tauro- and glyco-conjugated bile salts. *Langmuir*, **2011**, 27, 5832-41 | 4 | 40 |
| 165 | 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, 331-7 | 5.1 | 40 |
| 164 | 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 |
| 163 | Solid state compatibility studies with tablet excipients using non thermal methods. *Journal of Pharmaceutical and Biomedical Analysis*, **2011**, 55, 424-8 | 3.5 | 39 |
| 162 | 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 |
| 161 | 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 |
| 160 | Successful in silico predicting of intestinal lymphatic transfer. *International Journal of Pharmaceutics*, **2004**, 272, 189-93 | 6.5 | 35 |
| 159 | Influence of PVP/VA copolymer composition on drug-polymer solubility. *European Journal of Pharmaceutical Sciences*, **2016**, 85, 10-7 | 5.1 | 33 |
| 158 | Thermodynamics and structure of inclusion compounds of tauro- and glyco-conjugated bile salts and beta-cyclodextrin. *Physical Chemistry Chemical Physics*, **2009**, 11, 5070-8 | 3.6 | 33 |
| 157 | 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 |
| 156 | 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 |
| 155 | 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 |
| 154 | In vitro investigations of α-amylase mediated hydrolysis of cyclodextrins in the presence of ibuprofen, flurbiprofen, or benzo[a]pyrene. *Carbohydrate Research*, **2012**, 362, 56-61 | 2.9 | 32 |
| 153 | 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 |
| 152 | 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 |
| 151 | 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 |
| 150 | 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 |

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| 149 | 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 |
| 148 | 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 |
| 147 | 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 |
| 146 | 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 |
| 145 | Comparison of the lymphatic transport of halofantrine administered in disperse systems containing three different unsaturated fatty acids. *Pharmaceutical Research*, **2001**, 18, 1299-304 | 4.5 | 29 |
| 144 | Comparison of two DSC-based methods to predict drug-polymer solubility. *International Journal of Pharmaceutics*, **2018**, 540, 98-105 | 6.5 | 28 |
| 143 | Complexation of tauro- and glyco-conjugated bile salts with three neutral beta-CDs studied by ACE. *Electrophoresis*, **2007**, 28, 3745-52 | 3.6 | 27 |
| 142 | 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 |
| 141 | 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 |
| 140 | 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 |
| 139 | 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 |
| 138 | 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 |
| 137 | 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 |
| 136 | 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 |
| 135 | Use of correction factors in mobility shift affinity capillary electrophoresis for weak analyte-ligand interactions. *Journal of Separation Science*, **2009**, 32, 1712-21 | 3.4 | 24 |
| 134 | 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 |
| 133 | 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 |
| 132 | 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 |

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| 131 | 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 |
| 130 | Influence of the type of surfactant and the degree of dispersion on the lymphatic transport of halofantrine in conscious rats. *Pharmaceutical Research*, **2004**, 21, 1413-8 | 4.5 | 23 |
| 129 | Higher order inclusion complexes and secondary interactions studied by global analysis of calorimetric titrations. *Analytical Chemistry*, **2012**, 84, 2305-12 | 7.8 | 22 |
| 128 | Influence of bile on the absorption of halofantrine from lipid-based formulations. *European Journal of Pharmaceutics and Biopharmaceutics*, **2012**, 81, 281-7 | 5.7 | 22 |
| 127 | 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 |
| 126 | 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 |
| 125 | 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 |
| 124 | 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 | 4.8 | 21 |
| 123 | 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 |
| 122 | Determination of the aggregation number for micelles by isothermal titration calorimetry. *Thermochimica Acta*, **2014**, 588, 28-37 | 2.9 | 20 |
| 121 | Thermodynamics of complexation of tauro- and glyco-conjugated bile salts with two modified Ecyclodextrins. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2011**, 69, 201-211 | | 20 |
| 120 | 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 |
| 119 | A Promising New Method to Estimate Drug-Polymer Solubility at Room Temperature. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2621-2624 | 3.9 | 19 |
| 118 | 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 |
| 117 | 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 |
| 116 | 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 |
| 115 | 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, 817-24 | 4.8 | 18 |
| 114 | 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 | 5.1 | 18 |

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| 113 | Characterization of the complexation of tauro- and glyco-conjugated bile salts with β-cyclodextrin and 2-hydroxypropyl-β-cyclodextrin using affinity capillary electrophoresis. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2008**, 61, 161-169 | | 18 |
| 112 | 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 |
| 111 | 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 |
| 110 | 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 |
| 109 | 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 |
| 108 | A novel excipient, 1-perfluorohexyloctane shows limited utility for the oral delivery of poorly water-soluble drugs. *European Journal of Pharmaceutical Sciences*, **2011**, 42, 416-22 | 5.1 | 17 |
| 107 | Complexation of tauro- and glyco-conjugated bile salts with β-cyclodextrin and hydroxypropyl-β-cyclodextrin studied by affinity capillary electrophoresis and molecular modelling. *Journal of Separation Science*, **2011**, 34, 3221-30 | 3.4 | 17 |
| 106 | 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 |
| 105 | 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 |
| 104 | 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 |
| 103 | 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 |
| 102 | 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 |
| 101 | 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 |
| 100 | Rectal absorption of vigabatrin, a substrate of the proton coupled amino acid transporter (PAT1, Slc36a1), in rats. *Pharmaceutical Research*, **2012**, 29, 1134-42 | 4.5 | 15 |
| 99 | 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 |
| 98 | 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 |
| 97 | Antibiotic Resistance: The Need For a Global Strategy. *Journal of Pharmaceutical Sciences*, **2016**, 105, 2278-87 | 3.9 | 13 |
| 96 | Complexation thermodynamics of modified cyclodextrins: extended cavities and distorted structures. *Journal of Physical Chemistry B*, **2014**, 118, 10120-9 | 3.4 | 13 |

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| 95 | Biological conversion of aripiprazole lauroxil - An N-acyloxymethyl aripiprazole prodrug. *Results in Pharma Sciences*, **2014**, 4, 19-25 | | 13 |
| 94 | A study of salt effects on the complexation between cyclodextrins and bile salts based on the Hofmeister series. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2014**, 80, 243-251 | 1.7 | 13 |
| 93 | Injectable anti-malarials revisited: discovery and development of new agents to protect against malaria. *Malaria Journal*, **2018**, 17, 402 | 3.6 | 13 |
| 92 | 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 |
| 91 | 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 |
| 90 | Apomorphine and its esters: Differences in Caco-2 cell permeability and chylomicron affinity. *International Journal of Pharmaceutics*, **2016**, 509, 499-506 | 6.5 | 12 |
| 89 | 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 |
| 88 | Correlation between the stability constant and pH for cyclodextrin complexes. *International Journal of Pharmaceutics*, **2019**, 568, 118523 | 6.5 | 12 |
| 87 | Computational investigation of enthalpy-entropy compensation in complexation of glycoconjugated bile salts with cyclodextrin and analogs. *Journal of Physical Chemistry B*, **2014**, 118, 10889-97 | 3.4 | 12 |
| 86 | Thermodynamics of the interaction of cyclodextrin and tauro- and glyco-conjugated bile salts. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2013**, 75, 223-233 | | 12 |
| 85 | Extending the hydrophobic cavity of 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 |
| 84 | Determination of stability constants of tauro- and glyco-conjugated bile salts with the negatively charged sulfobutylether-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 |
| 83 | 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 |
| 82 | 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 |
| 81 | Statistical Analysis of a Method to Predict Drug-Polymer Miscibility. *Journal of Pharmaceutical Sciences*, **2016**, 105, 362-7 | 3.9 | 11 |
| 80 | 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 |
| 79 | Intestinal drug transport via the proton-coupled amino acid transporter PAT1 (SLC36A1) is inhibited by Gly-X(aa) dipeptides. *Molecular Pharmaceutics*, **2012**, 9, 2761-9 | 5.6 | 11 |
| 78 | 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 | 3.9 | 11 |

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| 77 | Medicines for Pediatric Patients-Biopharmaceutical, Developmental, and Regulatory Considerations. *Journal of Pharmaceutical Sciences*, **2017**, 106, 950-960 | 3.9 | 10 |
| 76 | 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 |
| 75 | New Insights into Using Lipid Based Suspensions for "Brick Dust" Molecules: Case Study of Nilotinib. *Pharmaceutical Research*, **2019**, 36, 56 | 4.5 | 10 |
| 74 | 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 |
| 73 | Supersaturated Lipid-Based Formulations to Enhance the Oral Bioavailability of Venetoclax. *Pharmaceutics*, **2020**, 12, | 6.4 | 10 |
| 72 | Pharmacokinetic/Pharmacodynamic Relationship of Gabapentin in a CFA-induced Inflammatory Hyperalgesia Rat Model. *Pharmaceutical Research*, **2016**, 33, 1133-43 | 4.5 | 10 |
| 71 | 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 |
| 70 | 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 |
| 69 | Buccal absorption of propofol when dosed in 1-perfluorobutylpentane to anaesthetised and conscious Wistar rats and Göttingen mini-pigs. *European Journal of Pharmaceutics and Biopharmaceutics*, **2013**, 85, 1310-6 | 5.7 | 10 |
| 68 | 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 |
| 67 | Novel Biphasic Lipolysis Method To Predict Performance of Lipid-Based Formulations. *Molecular Pharmaceutics*, **2020**, 17, 3342-3352 | 5.6 | 10 |
| 66 | Modified Polymer Matrix in Pharmaceutical Hot Melt Extrusion by Molecular Interactions with a Carboxylic Coformer. *Molecular Pharmaceutics*, **2019**, 16, 141-150 | 5.6 | 10 |
| 65 | 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 |
| 64 | 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 |
| 63 | Tween 20 increases intestinal transport of doxorubicin in vitro but not in vivo. *International Journal of Pharmaceutics*, **2016**, 498, 66-9 | 6.5 | 9 |
| 62 | 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 |
| 61 | Pharmacokinetic aspects of the anti-epileptic drug substance vigabatrin: focus on transporter interactions. *Therapeutic Delivery*, **2014**, 5, 927-42 | 3.8 | 9 |
| 60 | 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 |

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| 59 | 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 |
| 58 | 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 |
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