# Anette MÃ¼llertz

List of Publications by Year
in descending order



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

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Binding of Alpinia galanga Oil and Its Nanoemulsion to Mammal GABAA Receptors Using Rat Cortical Membranes and an In Silico Modeling Platform. Pharmaceutics, 2022, 14, 650. | 4.5 | 0 |
| 2 | Impact of oral gavage technique of drug-containing microcontainers on the gastrointestinal transit and absorption in rats. International Journal of Pharmaceutics, 2022, 618, 121630. | 5.2 | 1 |
| 3 | Elucidating Pathway and Anesthetic Mechanism of Action of Clove Oil Nanoformulations in Fish. Pharmaceutics, 2022, 14, 919. | 4.5 | 3 |
| 4 | Investigating the effect of graphene oxide in chitosan/alginate-based foams on the release and antifungal activity of clotrimazole in vitro. European Journal of Pharmaceutical Sciences, 2022, 174, 106204. | 4.0 | 5 |
| 5 | Physico-chemical characterization of aspirated and simulated human gastric fluids to study their influence on the intrinsic dissolution rate of cinnarizine. International Journal of Pharmaceutics, 2022, 622, 121856. | 5.2 | 6 |
| 6 | Development of a Microgram Scale Video-Microscopic Method to Investigate Dissolution Behavior of Poorly Water-Soluble Drugs. AAPS PharmSciTech, 2022, 23, . | 3.3 | 0 |
| 7 | Combining lipid based drug delivery and amorphous solid dispersions for improved oral drug absorption of a poorly water-soluble drug. Journal of Controlled Release, 2022, 349, 206-212. | 9.9 | 9 |
| 8 | Towards analyzing the potential of exosomes to deliver microRNA therapeutics. Journal of Cellular Physiology, 2021, 236, 1529-1544. | 4.1 | 17 |
| 9 | Design of a self-unfolding delivery concept for oral administration of macromolecules. Journal of Controlled Release, 2021, 329, 948-954. | 9.9 | 24 |
| 10 | The Influence of Solidification on the in vitro Solubilisation of Blonanserin Loaded Supersaturated Lipid-Based Oral Formulations. European Journal of Pharmaceutical Sciences, 2021, 157, 105640. | 4.0 | 3 |
| 11 | Design and optimization of self-nanoemulsifying drug delivery systems of clove oil for efficacy enhancement in fish anesthesia. Journal of Drug Delivery Science and Technology, 2021, 61, 102241. | 3.0 | 6 |
| 12 | Predicting Oral Absorption of fenofibrate in Lipid-Based Drug Delivery Systems by Combining InÂVitro Lipolysis with the Mucus-PVPA Permeability Model. Journal of Pharmaceutical Sciences, 2021, 110, 208-216. | 3.3 | 10 |
| 13 | Effects of recombinant human gastric lipase and pancreatin duringin vitropediatric gastro-intestinal digestion. Food and Function, 2021, 12, 2938-2949. | 4.6 | 4 |
| 14 | Exploring the Impact of Intestinal Fluid Components on the Solubility and Supersaturation of Danazol. Journal of Pharmaceutical Sciences, 2021, 110, 2479-2488. | 3.3 | 2 |
| 15 | Development of Self-Nanoemulsifying Drug Delivery Systems Containing 4-Allylpyrocatechol for Treatment of Oral Infections Caused by Candida albicans. Pharmaceutics, 2021, 13, 167. | 4.5 | 8 |
| 16 | Dairy-Derived Emulsifiers in Infant Formula Show Marginal Effects on the Plasma Lipid Profile and Brain Structure in Preterm Piglets Relative to Soy Lecithin. Nutrients, 2021, 13, 718. | 4.1 | 7 |
| 17 | Oligonucleotide Delivery across the Caco-2 Monolayer: The Design and Evaluation of Self-Emulsifying Drug Delivery Systems (SEDDS). Pharmaceutics, 2021, 13, 459. | 4.5 | 7 |
| 18 | Estimating the Oral Absorption from Self-Nanoemulsifying Drug Delivery Systems Using an In Vitro Lipolysis-Permeation Method. Pharmaceutics, 2021, 13, 489. | 4.5 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Visualizing the Journey of Fenofibrate through the Rat Gastrointestinal Tract by Matrix-Assisted Laser Desorption/Ionizationâ€“Mass Spectrometry Imaging. Molecular Pharmaceutics, 2021, 18, 2189-2197. | 4.6 | 3 |
| 20 | Current challenges and future perspectives in oral absorption research: An opinion of the UNGAP network. Advanced Drug Delivery Reviews, 2021, 171, 289-331. | 13.7 | 84 |
| 21 | X-ray Imaging for Gastrointestinal Tracking of Microscale Oral Drug Delivery Devices. ACS Biomaterials Science and Engineering, 2021, 7, 2538-2547. | 5.2 | 13 |
| 22 | In vitro and in vivo comparison of microcontainers and microspheres for oral drug delivery. International Journal of Pharmaceutics, 2021, 600, 120516. | 5.2 | 7 |
| 23 | Development of gastro-resistant coated probiotic granulates and evaluation of viability and release during simulated upper gastrointestinal transit. LWT - Food Science and Technology, 2021, 144, 111174. | 5.2 | 2 |
| 24 | Exploring porcine gastric and intestinal fluids using microscopic and solubility estimates: Impact of placebo self-emulsifying drug delivery system administration to inform bio-predictive in vitro tools. European Journal of Pharmaceutical Sciences, 2021, 161, 105778. | 4.0 | 2 |
| 25 | Fasted and fed state human duodenal fluids: Characterization, drug solubility, and comparison to simulated fluids and with human bioavailability. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 163, 240-251. | 4.3 | 33 |
| 26 | Hot punching for loading of biodegradable microcontainers with budesonide-Soluplus film. Biomedical Microdevices, 2021, 23, 37. | 2.8 | 1 |
| 27 | INFOGEST inter-laboratory recommendations for assaying gastric and pancreatic lipases activities prior to in vitro digestion studies. Journal of Functional Foods, 2021, 82, 104497. | 3.4 | 22 |
| 28 | Drug solubilization during simulated pediatric gastro-intestinal digestion. European Journal of Pharmaceutical Sciences, 2021, 162, 105828. | 4.0 | 2 |
| 29 | Formulation optimization, anesthetic activity, skin permeation, and transportation pathway of Alpinia galanga oil SNEDDS in zebrafish (Danio rerio). European Journal of Pharmaceutics and Biopharmaceutics, 2021, 165, 193-202. | 4.3 | 5 |
| 30 | Bovine Milk-Derived Emulsifiers Increase Triglyceride Absorption in Newborn Formula-Fed Pigs. Nutrients, 2021, 13, 410. | 4.1 | 8 |
| 31 | Comparison of induction methods for supersaturation: pH shift versus solvent shift. International Journal of Pharmaceutics, 2020, 573, 118862. | 5.2 | 6 |
| 32 | Evaluating side-by-side diffusion models for studying drug supersaturation in an absorptive environment: a case example of fenofibrate and felodipine. Journal of Pharmacy and Pharmacology, 2020, 72, 371-384. | 2.4 | 5 |
| 33 | Improving the drug load and in vitro performance of supersaturated self-nanoemulsifying drug delivery systems (super-SNEDDS) using polymeric precipitation inhibitors. International Journal of Pharmaceutics, 2020, 575, 118960. | 5.2 | 21 |
| 34 | Using in vitro lipolysis and SPECT/CT in vivo imaging to understand oral absorption of fenofibrate from lipid-based drug delivery systems. Journal of Controlled Release, 2020, 317, 375-384. | 9.9 | 10 |
| 35 | Graphene oxide as a functional excipient in buccal films for delivery of clotrimazole: Effect of molecular interactions on drug release and antifungal activity in vitro. International Journal of Pharmaceutics, 2020, 589, 119811. | 5.2 | 16 |
| 36 | Formulation of co-amorphous systems from naproxen and naproxen sodium and in situ monitoring of physicochemical state changes during dissolution testing by Raman spectroscopy. International Journal of Pharmaceutics, 2020, 587, 119662. | 5.2 | 11 |

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| 37 | Effect of centrifugation speed on the measured equilibrium solubility of poorly water-soluble compounds in viscous solvents. Journal of Drug Delivery Science and Technology, 2020, 59, 101853. | 3.0 | 0 |
| 38 | Achieving delayed release of freeze-dried probiotic strains by extrusion, spheronization and fluid bed coating - evaluated using a three-step in vitro model. International Journal of Pharmaceutics, 2020, 591, 120022. | 5.2 | 14 |
| 39 | Enhancing Stability and Tooth Bleaching Activity of Carbamide Peroxide by Electrospun Nanofibrous Film. Pharmaceuticals, 2020, 13, 381. | 3.8 | 8 |
| 40 | Integrated Multi-stakeholder Systems Thinking Strategy: Decision-making with Biopharmaceutics Risk Assessment Roadmap (BioRAM) to Optimize Clinical Performance of Drug Products. AAPS Journal, 2020, 22, 97. | 4.4 | 7 |
| 41 | In Vitro Evaluation of Self-Nano-Emulsifying Drug Delivery Systems (SNEDDS) Containing Room Temperature Ionic Liquids (RTILs) for the Oral Delivery of Amphotericin B. Pharmaceutics, 2020, 12, 699. | 4.5 | 27 |
| 42 | Adding a Gastric Step to the Intestinal In Vitro Digestion Model Improves the Prediction of Pharmacokinetic Data in Beagle Dogs of Two Lipid-Based Drug Delivery Systems. Molecular Pharmaceutics, 2020, 17, 3214-3222. | 4.6 | 9 |
| 43 | Impact of gastrointestinal physiology on drug absorption in special populationsâ€“â€“An UNGAP review. European Journal of Pharmaceutical Sciences, 2020, 147, 105280. | 4.0 | 142 |
| 44 | Evaluation of self-emulsifying drug delivery systems for oral insulin delivery using an in vitro model simulating the intestinal proteolysis. European Journal of Pharmaceutical Sciences, 2020, 147, 105272. | 4.0 | 18 |
| 45 | Towards the development of Self-Nano-Emulsifying Drug Delivery Systems (SNEDDS) containing trimethyl chitosan for the oral delivery of amphotericin B: In vitro assessment and cytocompatibility studies. Journal of Drug Delivery Science and Technology, 2020, 56, 101524. | 3.0 | 18 |
| 46 | In Vitro, Ex Vivo and In Vivo Evaluation of Microcontainers for Oral Delivery of Insulin. Pharmaceutics, 2020, 12, 48. | 4.5 | 20 |
| 47 | Effect of supersaturation on absorption of indomethacin and tadalafil in a single pass intestinal perfusion rat model, in the absence and presence of a precipitation inhibitor. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 151, 108-115. | 4.3 | 13 |
| 48 | Comparison of induction methods for supersaturation: Amorphous dissolution versus solvent shift. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 152, 35-43. | 4.3 | 11 |
| 49 | Six years of progress in the oral biopharmaceutics area â€“ A summary from the IMI OrBiTo project. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 152, 236-247. | 4.3 | 21 |
| 50 | Milk osteopontin retains integrin-binding activity after in vitro gastrointestinal transit. Journal of Dairy Science, 2020, 103, 42-51. | 3.4 | 16 |
| 51 | Exploring the utility of the Chasing Principle: influence of drug-free SNEDDS composition on solubilization of carvedilol, cinnarizine and R3040 in aqueous suspension. Acta Pharmaceutica Sinica B, 2019, 9, 194-201. | 12.0 | 15 |
| 52 | Biodegradable microcontainers â€“ towards real life applications of microfabricated systems for oral drug delivery. Lab on A Chip, 2019, 19, 2905-2914. | 6.0 | 28 |
| 53 | Developing a predictive in vitro dissolution model based on gastrointestinal fluid characterisation in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 307-314. | 4.3 | 24 |
| 54 | In vitro digestion models to evaluate lipid based drug delivery systems; present status and current trends. Advanced Drug Delivery Reviews, 2019, 142, 35-49. | 13.7 | 76 |

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| 55 | Fenofibrate oral absorption from SNEDDS and super-SNEDDS is not significantly affected by lipase inhibition in rats. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 258-264. | 4.3 | 27 |
| 56 | Investigation of Mucoadhesion and Degradation of PCL and PLGA Microcontainers for Oral Drug Delivery. Polymers, 2019, 11, 1828. | 4.5 | 22 |
| 57 | Self-emulsifying drug delivery systems (SEDDS) â€“ The splendid comeback of an old technology. Advanced Drug Delivery Reviews, 2019, 142, 1-2. | 13.7 | 14 |
| 58 | Microcontainers for oral insulin delivery â€“ In vitro studies of permeation enhancement. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 143, 98-105. | 4.3 | 31 |
| 59 | Ex vivo intestinal perfusion model for investigating mucoadhesion of microcontainers. International Journal of Pharmaceutics, 2019, 570, 118658. | 5.2 | 20 |
| 60 | In vivo models and decision trees for formulation development in early drug development: A review of current practices and recommendations for biopharmaceutical development. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 222-231. | 4.3 | 13 |
| 61 | Successful oral delivery of poorly water-soluble drugs both depends on the intraluminal behavior of drugs and of appropriate advanced drug delivery systems. European Journal of Pharmaceutical Sciences, 2019, 137, 104967. | 4.0 | 222 |
| 62 | Biorelevant intrinsic dissolution profiling in early drug development: Fundamental, methodological, and industrial aspects. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 139, 101-114. | 4.3 | 21 |
| 63 | Polymeric Lids for Microcontainers for Oral Protein Delivery. Macromolecular Bioscience, 2019, 19, e1900004. | 4.1 | 17 |
| 64 | SEDDS for intestinal absorption of insulin: Application of Caco-2 and Caco-2/HT29 co-culture monolayers and intra-jejunal instillation in rats. International Journal of Pharmaceutics, 2019, 560, 377-384. | 5.2 | 27 |
| 65 | In vitro models for the prediction of in vivo performance of oral dosage forms: Recent progress from partnership through the IMI OrBiTo collaboration. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 136, 70-83. | 4.3 | 91 |
| 66 | Application of a Salt Coformer in a Co-Amorphous Drug System Dramatically Enhances the Glass Transition Temperature: A Case Study of the Ternary System Carbamazepine, Citric Acid, and <scp>l</scp>-Arginine. Molecular Pharmaceutics, 2018, 15, 2036-2044. | 4.6 | 61 |
| 67 | Hydrolysed pea proteins mitigate inÂvitro wheat starch digestibility. Food Hydrocolloids, 2018, 79, 117-126. | 10.7 | 79 |
| 68 | Characterization of the Hydrodynamics in a Miniaturized Dissolution Apparatus. Journal of Pharmaceutical Sciences, 2018, 107, 1095-1103. | 3.3 | 7 |
| 69 | The ability of two in vitro lipolysis models reflecting the human and rat gastro-intestinal conditions to predict the in vivo performance of SNEDDS dosing regimens. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 124, 116-124. | 4.3 | 40 |
| 70 | Using Potentiometric Free Drug Sensors to Determine the Free Concentration of Ionizable Drugs in Colloidal Systems. Journal of Pharmaceutical Sciences, 2018, 107, 103-112. | 3.3 | 4 |
| 71 | Effect of composition of simulated intestinal media on the solubility of poorly soluble compounds investigated by design of experiments. European Journal of Pharmaceutical Sciences, 2018, 111, 311-319. | 4.0 | 27 |
| 72 | Formulation of self-nanoemulsifying drug delivery systems containing monoacyl phosphatidylcholine and KolliphorÂ® RH40 using experimental design. Asian Journal of Pharmaceutical Sciences, 2018, 13, 536-545. | 9.1 | 26 |

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| 73 | The Influence of Polymers on the Supersaturation Potential of Poor and Good Glass Formers. Pharmaceutics, 2018, 10, 164. | 4.5 | 30 |
| 74 | Development and characterization of clove oil nanoemulsions and self-microemulsifying drug delivery systems. Journal of Drug Delivery Science and Technology, 2018, 46, 330-338. | 3.0 | 33 |
| 75 | Are phytosomes a superior nanodelivery system for the antioxidant rutin?. International Journal of Pharmaceutics, 2018, 548, 82-91. | 5.2 | 45 |
| 76 | A fast and novel internal calibration method for quantitative Raman measurements on aqueous solutions. Analytical Methods, 2018, 10, 3589-3593. | 2.7 | 7 |
| 77 | In vivo anesthetic effect and mechanism of action of active compounds from Alpinia galanga oil on Cyprinus carpio (koi carp). Aquaculture, 2018, 496, 176-184. | 3.5 | 14 |
| 78 | High-Throughput Lipolysis in 96-Well Plates for Rapid Screening of Lipid-Based Drug Delivery Systems. Journal of Pharmaceutical Sciences, 2017, 106, 1183-1186. | 3.3 | 9 |
| 79 | Analysis of 3D Prints by X-ray Computed Microtomography andÂTerahertz Pulsed Imaging. Pharmaceutical Research, 2017, 34, 1037-1052. | 3.5 | 69 |
| 80 | Mapping the intermediate digestion phases of human healthy intestinal contents from distal ileum and caecum at fasted and fed state conditions. Journal of Pharmacy and Pharmacology, 2017, 69, 265-273. | 2.4 | 5 |
| 81 | Influence of drug load and physical form of cinnarizine in new SNEDDS dosing regimens: in vivo and in vitro evaluations. AAPS Journal, 2017, 19, 587-594. | 4.4 | 29 |
| 82 | Amorphous is not always betterâ€"A dissolution study on solid state forms of carbamazepine. International Journal of Pharmaceutics, 2017, 522, 74-79. | 5.2 | 14 |
| 83 | Cellulose Nanopaper and Nanofoam for Patientâ€Tailored Drug Delivery. Advanced Materials Interfaces, 2017, 4, 1600655. | 3.7 | 36 |
| 84 | 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. | 4.3 | 17 |
| 85 | Monoacyl phosphatidylcholine inhibits the formation of lipid multilamellar structures during in vitro lipolysis of self-emulsifying drug delivery systems. European Journal of Pharmaceutical Sciences, 2017, 108, 62-70. | 4.0 | 13 |
| 86 | 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. | 2.4 | 14 |
| 87 | Dissolution enhancement of griseofulvin from griseofulvin-sodium dodecyl sulfate discs investigated by UV imaging. Journal of Drug Delivery Science and Technology, 2017, 39, 516-522. | 3.0 | 6 |
| 88 | In vitro and in vivo performance of monoacyl phospholipid-based self-emulsifying drug delivery systems. Journal of Controlled Release, 2017, 255, 45-53. | 9.9 | 27 |
| 89 | Bioinspired Layer-by-Layer Microcapsules Based on Cellulose Nanofibers with Switchable Permeability. Biomacromolecules, 2017, 18, 1401-1410. | 5.4 | 29 |
| 90 | Investigation of the Intra- and Interlaboratory Reproducibility of a Small Scale Standardized Supersaturation and Precipitation Method. Molecular Pharmaceutics, 2017, 14, 4161-4169. | 4.6 | 12 |

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| 91 | From concept to in vivo testing: Microcontainers for oral drug delivery. Journal of Controlled Release, 2017, 268, 343-351. | 9.9 | 55 |
| 92 | Floating solid cellulose nanofibre nanofoams for sustained release of the poorly soluble model drug furosemide. Journal of Pharmacy and Pharmacology, 2017, 69, 1477-1484. | 2.4 | 19 |
| 93 | Development of a Video-Microscopic Tool To Evaluate the Precipitation Kinetics of Poorly Water Soluble Drugs: A Case Study with Tadalafil and HPMC. Molecular Pharmaceutics, 2017, 14, 4154-4160. | 4.6 | 9 |
| 94 | Studying furosemide solubilization using an in vitro model simulating gastrointestinal digestion and drug solubilization in neonates and young infants. European Journal of Pharmaceutical Sciences, 2017, 109, 191-199. | 4.0 | 13 |
| 95 | In Vitro Model Simulating Gastro-Intestinal Digestion in the Pediatric Population (Neonates and) Tj ETQq1 1 0.784314 rgBT /Overlock | 3.3 | 34 |
| 96 | Self-microemulsifying drug delivery system and nanoemulsion for enhancing aqueous miscibility of Alpinia galanga oil. PLoS ONE, 2017, 12, e0188848. | 2.5 | 15 |
| 97 | Rhamnogalacturonan-I Based Microcapsules for Targeted Drug Release. PLoS ONE, 2016, 11, e0168050. | 2.5 | 13 |
| 98 | Development of a Î¼Dissolution-Permeation model with in situ drug concentration monitoring. Journal of Drug Delivery Science and Technology, 2016, 35, 223-233. | 3.0 | 6 |
| 99 | Impact of Lipid-Based Drug Delivery Systems on the Transport and Uptake of Insulin Across Caco-2 Cell Monolayers. Journal of Pharmaceutical Sciences, 2016, 105, 2743-2751. | 3.3 | 35 |
| 100 | Polymeric microcontainers improve oral bioavailability of furosemide. International Journal of Pharmaceutics, 2016, 504, 98-109. | 5.2 | 59 |
| 101 | Evaluating Oral Drug Delivery Systems: Dissolution Models. Advances in Delivery Science and Technology, 2016, , 753-771. | 0.4 | 1 |
| 102 | Evaluating Oral Drug Delivery Systems: Digestion Models. Advances in Delivery Science and Technology, 2016, , 773-790. | 0.4 | 1 |
| 103 | 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. | 5.2 | 16 |
| 104 | Optimizing Clinical Drug Product Performance: Applying Biopharmaceutics Risk Assessment Roadmap (BioRAM) and the BioRAM Scoring Grid. Journal of Pharmaceutical Sciences, 2016, 105, 3243-3255. | 3.3 | 23 |
| 105 | Studying the Propensity of Compounds to Supersaturate: A Practical and Broadly Applicable Approach. Journal of Pharmaceutical Sciences, 2016, 105, 3021-3029. | 3.3 | 53 |
| 106 | Survival of Lactobacillus acidophilus NCFMÂ® and Bifidobacterium lactis HN019 encapsulated in chocolate during inÂvitro simulated passage of the upper gastrointestinal tract. LWT - Food Science and Technology, 2016, 74, 404-410. | 5.2 | 45 |
| 107 | Comparison of lipases for in vitro models of gastric digestion: lipolysis using two infant formulas as model substrates. Food and Function, 2016, 7, 3989-3998. | 4.6 | 45 |
| 108 | In Vivo Precipitation of Poorly Soluble Drugs from Lipid-Based Drug Delivery Systems. Molecular Pharmaceutics, 2016, 13, 3417-3426. | 4.6 | 31 |

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|---|---|---|---|
| 109 | In vivo evaluation of lipid-based formulations for oral delivery of apomorphine and its diester prodrugs. International Journal of Pharmaceutics, 2016, 513, 211-217. | 5.2 | 20 |
| 110 | Solid cellulose nanofiber based foams â€“ Towards facile design of sustained drug delivery systems. Journal of Controlled Release, 2016, 244, 74-82. | 9.9 | 62 |
| 111 | Apomorphine and its esters: Differences in Caco-2 cell permeability and chylomicron affinity. International Journal of Pharmaceutics, 2016, 509, 499-506. | 5.2 | 16 |
| 112 | Supersaturation of zafirlukast in fasted and fed state intestinal media with and without precipitation inhibitors. European Journal of Pharmaceutical Sciences, 2016, 91, 31-39. | 4.0 | 19 |
| 113 | Interlaboratory Validation of Small-Scale Solubility and Dissolution Measurements of Poorly Water-Soluble Drugs. Journal of Pharmaceutical Sciences, 2016, 105, 2864-2872. | 3.3 | 38 |
| 114 | Effect of food intake and co-administration of placebo self-nanoemulsifying drug delivery systems on the absorption of cinnarizine in healthy human volunteers. European Journal of Pharmaceutical Sciences, 2016, 84, 77-82. | 4.0 | 27 |
| 115 | Anhydrate to hydrate solid-state transformations of carbamazepine and nitrofurantoin in biorelevant media studied in situ using time-resolved synchrotron X-ray diffraction. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 100, 119-127. | 4.3 | 22 |
| 116 | Formulation and characterization of self-nanoemulsifying drug delivery systems containing monoacyl phosphatidylcholine. International Journal of Pharmaceutics, 2016, 502, 151-160. | 5.2 | 26 |
| 117 | The Effect of Digestion and Drug Load on Halofantrine Absorption from Self-nanoemulsifying Drug Delivery System (SNEDDS). AAPS Journal, 2016, 18, 180-186. | 4.4 | 39 |
| 118 | Dissolution Model Development: Formulation Effects and Filter Complications. Dissolution Technologies, 2016, 23, 6-12. | 0.6 | 3 |
| 119 | pH-triggered drug release from biodegradable microwells for oral drug delivery. Biomedical Microdevices, 2015, 17, 9958. | 2.8 | 29 |
| 120 | Steric and interactive barrier properties of intestinal mucus elucidated by particle diffusion and peptide permeation. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 95, 136-143. | 4.3 | 54 |
| 121 | Stabilisation of amorphous furosemide increases the oral drug bioavailability in rats. International Journal of Pharmaceutics, 2015, 490, 334-340. | 5.2 | 22 |
| 122 | Lipophilic prodrugs of apomorphine I: Preparation, characterisation, and in vitro enzymatic hydrolysis in biorelevant media. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 216-223. | 4.3 | 32 |
| 123 | Kolliphor Surfactants Affect Solubilization and Bioavailability of Fenofibrate. Studies of in Vitro Digestion and Absorption in Rats. Molecular Pharmaceutics, 2015, 12, 1062-1071. | 4.6 | 35 |
| 124 | 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. | 3.3 | 18 |
| 125 | Structural features of colloidal species in the human fasted upper small intestine. Journal of Pharmacy and Pharmacology, 2015, 67, 486-492. | 2.4 | 17 |
| 126 | Development of a high-throughput in vitro intestinal lipolysis model for rapid screening of lipid-based drug delivery systems. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 493-500. | 4.3 | 36 |

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| 127 | Image Analytical Approach for Needle-Shaped Crystal Counting and Length Estimation. Crystal Growth and Design, 2015, 15, 4876-4885. | 3.0 | 12 |
| 128 | Elucidating the Molecular Interactions Occurring during Drug Precipitation of Weak Bases from Lipid-Based Formulations: A Case Study with Cinnarizine and a Long Chain Self-Nanoemulsifying Drug Delivery System. Molecular Pharmaceutics, 2015, 12, 4067-4076. | 4.6 | 30 |
| 129 | Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations. 5. Lipolysis of Representative Formulations by Gastric Lipase. Pharmaceutical Research, 2015, 32, 1279-1287. | 3.5 | 55 |
| 130 | Ex Vivo Correlation of the Permeability of Metoprolol Across Human and Porcine Buccal Mucosa. Journal of Pharmaceutical Sciences, 2014, 103, 2053-2061. | 3.3 | 20 |
| 131 | Miniaturized Approach for Excipient Selection During the Development of Oral Solid Dosage Form. Journal of Pharmaceutical Sciences, 2014, 103, 900-908. | 3.3 | 7 |
| 132 | Fed and fasted state gastro-intestinal in vitro lipolysis: In vitro in vivo relations of a conventional tablet, a SNEDDS and a solidified SNEDDS. European Journal of Pharmaceutical Sciences, 2014, 57, 232-239. | 4.0 | 69 |
| 133 | In vitro models for the prediction of in vivo performance of oral dosage forms. European Journal of Pharmaceutical Sciences, 2014, 57, 342-366. | 4.0 | 297 |
| 134 | Feasibility of Capsule Endoscopy for Direct Imaging of Drug Delivery Systems in the Fasted Upper-Gastrointestinal Tract. Pharmaceutical Research, 2014, 31, 2044-2053. | 3.5 | 18 |
| 135 | A slow cooling rate of indomethacin melt spatially confined in microcontainers increases the physical stability of the amorphous drug without influencing its biorelevant dissolution behaviour. Drug Delivery and Translational Research, 2014, 4, 268-274. | 5.8 | 11 |
| 136 | Investigating the correlation between in vivo absorption and in vitro release of fenofibrate from lipid matrix particles in biorelevant medium. European Journal of Pharmaceutical Sciences, 2014, 51, 204-210. | 4.0 | 37 |
| 137 | Early pharmaceutical profiling to predict oral drug absorption: Current status and unmet needs. European Journal of Pharmaceutical Sciences, 2014, 57, 173-199. | 4.0 | 221 |
| 138 | The Biopharmaceutics Risk Assessment Roadmap for Optimizing Clinical Drug Product Performance. Journal of Pharmaceutical Sciences, 2014, 103, 3377-3397. | 3.3 | 60 |
| 139 | Self-nanoemulsifying drug delivery systems for oral insulin delivery: In vitro and in vivo evaluations of enteric coating and drug loading. International Journal of Pharmaceutics, 2014, 477, 390-398. | 5.2 | 77 |
| 140 | Combining in vitro and in silico methods for better prediction of surfactant effects on the absorption of poorly water soluble drugsâ€"a fenofibrate case example. International Journal of Pharmaceutics, 2014, 473, 356-365. | 5.2 | 19 |
| 141 | Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 4: Proposing a New Lipid Formulation Performance Classification System. Journal of Pharmaceutical Sciences, 2014, 103, 2441-2455. | 3.3 | 42 |
| 142 | Solid Lipid Particles for Oral Delivery of Peptide and Protein Drugs II â€“ The Digestion of Trilaurin Protects Desmopressin from Proteolytic Degradation. Pharmaceutical Research, 2014, 31, 2420-2428. | 3.5 | 37 |
| 143 | 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. | 3.3 | 11 |
| 144 | In Vitro Lipolysis Data Does Not Adequately Predict the In Vivo Performance of Lipid-Based Drug Delivery Systems Containing Fenofibrate. AAPS Journal, 2014, 16, 539-549. | 4.4 | 98 |

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|---|---|---|---|
| 145 | Solid Lipid Particles for Oral Delivery of Peptide and Protein Drugs III â€" the Effect of Fed State Conditions on the In Vitro Release and Degradation of Desmopressin. AAPS Journal, 2014, 16, 875-883. | 4.4 | 9 |
| 146 | Impact of sodium dodecyl sulphate on the dissolution of poorly soluble drug into biorelevant medium from drug-surfactant discs. International Journal of Pharmaceutics, 2014, 467, 1-8. | 5.2 | 11 |
| 147 | In vitro and in vivo evaluations of the performance of an indirubin derivative, formulated in four different self-emulsifying drug delivery systems. Journal of Pharmacy and Pharmacology, 2014, 66, 1567-1575. | 2.4 | 20 |
| 148 | Toward the Establishment of Standardized In Vitro Tests for Lipid-Based Formulations, Part 6: Effects of Varying Pancreatin and Calcium Levels. AAPS Journal, 2014, 16, 1344-1357. | 4.4 | 53 |
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