Ragna Berthelsen

List of Publications by Year
in descending order

27	330	840776 11	839539 18
papers	citations	h-index	g-index

27	27	27	430
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	In Vitro Model Simulating Gastro-Intestinal Digestion in the Pediatric Population (Neonates and) Tj ETQq1 1 0.784314 rgBT /Overlock	3.3	34
4	The influence of drug and polymer particle size on the in situ amorphization using microwave irradiation. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 149, 77-84.	4.3	24
5	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
6	Basolateral glycylsarcosine (Gly-Sar) transport in Caco-2 cell monolayers is pH dependent. Journal of Pharmacy and Pharmacology, 2013, 65, 970-979.	2.4	16
7	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
8	Convection-Induced vs. Microwave Radiation-Induced in situ Drug Amorphization. Molecules, 2020, 25, 1068.	3.8	12
9	The Influence of Temperature and Viscosity of Polyethylene Glycol on the Rate of Microwave-Induced In Situ Amorphization of Celecoxib. Molecules, 2021, 26, 110.	3.8	12
10	The Use of Glycerol as an Enabling Excipient for Microwave-Induced In Situ Drug Amorphization. Journal of Pharmaceutical Sciences, 2021, 110, 155-163.	3.3	11
11	Estimating the Oral Absorption from Self-Nanoemulsifying Drug Delivery Systems Using an In Vitro Lipolysis-Permeation Method. Pharmaceutics, 2021, 13, 489.	4.5	11
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	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
14	Utilizing Laser Activation of Photothermal Plasmonic Nanoparticles to Induce On-Demand Drug Amorphization inside a Tablet. Molecular Pharmaceutics, 2021, 18, 2254-2262.	4.6	8
15	Microwave induced in situ amorphisation facilitated by crystalline hydrates. European Journal of Pharmaceutical Sciences, 2021, 163, 105858.	4.0	8
16	Microwave-Induced in Situ Drug Amorphization Using a Mixture of Polyethylene Glycol and Polyvinylpyrrolidone. Journal of Pharmaceutical Sciences, 2021, 110, 3221-3229.	3.3	7
17	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
18	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

#	Article	IF	Citations
19	Effects of recombinant human gastric lipase and pancreatin duringin vitropediatric gastro-intestinal digestion. Food and Function, 2021, 12, 2938-2949.	4.6	4
20	Dissolution Model Development: Formulation Effects and Filter Complications. Dissolution Technologies, 2016, 23, 6-12.	0.6	3
21	Studying the Impact of the Temperature and Sorbed Water during Microwave-Induced In Situ Amorphization: A Case Study of Celecoxib and Polyvinylpyrrolidone. Pharmaceutics, 2021, 13, 886.	4.5	2
22	Drug solubilization during simulated pediatric gastro-intestinal digestion. European Journal of Pharmaceutical Sciences, 2021, 162, 105828.	4.0	2
23	Evaluating Oral Drug Delivery Systems: Dissolution Models. Advances in Delivery Science and Technology, 2016, , 753-771.	0.4	1
24	Evaluating Oral Drug Delivery Systems: Digestion Models. Advances in Delivery Science and Technology, 2016, , 773-790.	0.4	1
25	The Influence of Drugâ€“Polymer Solubility on Laser-Induced In Situ Drug Amorphization Using Photothermal Plasmonic Nanoparticles. Pharmaceutics, 2021, 13, 917.	4.5	1
26	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
27	The Effect of the Molecular Weight of Polyvinylpyrrolidone and the Model Drug on Laser-Induced In Situ Amorphization. Molecules, 2021, 26, 4035.	3.8	0