

# Ragna Berthelsen

## List of Publications by Year in descending order

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27  
papers

330  
citations

949033

11  
h-index

939365

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

475  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Glycerol as an Enabling Excipient for Microwave-Induced In Situ Drug Amorphization. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 155-163.	1.6	11
2	Predicting Oral Absorption of fenofibrate in Lipid-Based Drug Delivery Systems by Combining In Vitro Lipolysis with the Mucus-PVPA Permeability Model. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 208-216.	1.6	10
3	Effects of recombinant human gastric lipase and pancreatin during <i>in vitro</i> pediatric gastro-intestinal digestion. <i>Food and Function</i> , 2021, 12, 2938-2949.	2.1	4
4	Estimating the Oral Absorption from Self-Nanoemulsifying Drug Delivery Systems Using an In Vitro Lipolysis-Permeation Method. <i>Pharmaceutics</i> , 2021, 13, 489.	2.0	11
5	Utilizing Laser Activation of Photothermal Plasmonic Nanoparticles to Induce On-Demand Drug Amorphization inside a Tablet. <i>Molecular Pharmaceutics</i> , 2021, 18, 2254-2262.	2.3	8
6	Studying the Impact of the Temperature and Sorbed Water during Microwave-Induced In Situ Amorphization: A Case Study of Celecoxib and Polyvinylpyrrolidone. <i>Pharmaceutics</i> , 2021, 13, 886.	2.0	2
7	The Influence of Drug-Polymer Solubility on Laser-Induced In Situ Drug Amorphization Using Photothermal Plasmonic Nanoparticles. <i>Pharmaceutics</i> , 2021, 13, 917.	2.0	1
8	The Effect of the Molecular Weight of Polyvinylpyrrolidone and the Model Drug on Laser-Induced In Situ Amorphization. <i>Molecules</i> , 2021, 26, 4035.	1.7	0
9	Drug solubilization during simulated pediatric gastro-intestinal digestion. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 162, 105828.	1.9	2
10	Microwave induced in situ amorphisation facilitated by crystalline hydrates. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105858.	1.9	8
11	Microwave-Induced in Situ Drug Amorphization Using a Mixture of Polyethylene Glycol and Polyvinylpyrrolidone. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3221-3229.	1.6	7
12	The Influence of Temperature and Viscosity of Polyethylene Glycol on the Rate of Microwave-Induced In Situ Amorphization of Celecoxib. <i>Molecules</i> , 2021, 26, 110.	1.7	12
13	Evaluating side-by-side diffusion models for studying drug supersaturation in an absorptive environment: a case example of fenofibrate and felodipine. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 371-384.	1.2	5
14	Effect of centrifugation speed on the measured equilibrium solubility of poorly water-soluble compounds in viscous solvents. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 59, 101853.	1.4	0
15	Adding a Gastric Step to the Intestinal <i>In Vitro</i> Digestion Model Improves the Prediction of Pharmacokinetic Data in Beagle Dogs of Two Lipid-Based Drug Delivery Systems. <i>Molecular Pharmaceutics</i> , 2020, 17, 3214-3222.	2.3	9
16	Convection-Induced vs. Microwave Radiation-Induced in situ Drug Amorphization. <i>Molecules</i> , 2020, 25, 1068.	1.7	12
17	The influence of drug and polymer particle size on the in situ amorphization using microwave irradiation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 149, 77-84.	2.0	24
18	In vitro digestion models to evaluate lipid based drug delivery systems; present status and current trends. <i>Advanced Drug Delivery Reviews</i> , 2019, 142, 35-49.	6.6	76

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19	Studying furosemide solubilization using an in vitro model simulating gastrointestinal digestion and drug solubilization in neonates and young infants. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 191-199.	1.9	13
20	In Vitro Model Simulating Gastro-Intestinal Digestion in the Pediatric Population (Neonates and) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 7	1.5	34
21	Development of a $\frac{1}{4}$ Dissolution-Permeation model with in situ drug concentration monitoring. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 35, 223-233.	1.4	6
22	Evaluating Oral Drug Delivery Systems: Dissolution Models. <i>Advances in Delivery Science and Technology</i> , 2016, , 753-771.	0.4	1
23	Evaluating Oral Drug Delivery Systems: Digestion Models. <i>Advances in Delivery Science and Technology</i> , 2016, , 773-790.	0.4	1
24	Dissolution Model Development: Formulation Effects and Filter Complications. <i>Dissolution Technologies</i> , 2016, 23, 6-12.	0.2	3
25	Kolliphor Surfactants Affect Solubilization and Bioavailability of Fenofibrate. <i>Studies of in Vitro Digestion and Absorption in Rats. Molecular Pharmaceutics</i> , 2015, 12, 1062-1071.	2.3	35
26	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. <i>International Journal of Pharmaceutics</i> , 2014, 473, 356-365.	2.6	19
27	Basolateral glycylsarcosine (Gly-Sar) transport in Caco-2 cell monolayers is pH dependent. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 970-979.	1.2	16