

# Thomas Rades

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

467  
papers

18,164  
citations

69  
h-index

105  
g-index

492  
ext. papers

20,237  
ext. citations

5.5  
avg, IF

6.95  
L-index

#	Paper	IF	Citations
467	(Co-)amorphization of enantiomers - Investigation of the amorphization process, the physical stability and the dissolution behavior.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 616, 121552	6.5	0
466	Elucidating the Dehydration Mechanism of Nitrofurantoin Monohydrate II Using Low-Frequency Raman Spectroscopy. <i>Crystal Growth and Design</i> , <b>2022</b> , 22, 2733-2741	3.5	
465	Impact of oral gavage technique of drug-containing microcontainers on the gastrointestinal transit and absorption in rats.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 121630	6.5	
464	Effects of polymer addition on the non-strongly interacting binary co-amorphous system carvedilol-tryptophan.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 121625	6.5	1
463	Elucidating Pathway and Anesthetic Mechanism of Action of Clove Oil Nanoformulations in Fish. <i>Pharmaceutics</i> , <b>2022</b> , 14, 919	6.4	0
462	Topical niclosamide (ATx201) reduces <i>Staphylococcus aureus</i> colonization and increases Shannon diversity of the skin microbiome in atopic dermatitis patients in a randomized, double-blind, placebo-controlled Phase 2 trial.. <i>Clinical and Translational Medicine</i> , <b>2022</b> , 12, e790	5.7	2
461	Zein-polycaprolactone core-shell nanofibers for wound healing.. <i>International Journal of Pharmaceutics</i> , <b>2022</b> , 121809	6.5	0
460	Additive Manufacturing in respiratory sciences - current applications and future prospects.. <i>Advanced Drug Delivery Reviews</i> , <b>2022</b> , 114341	18.5	1
459	Investigating to Optimal Ratio between Drug and Co-Former in Co-Amorphous Systems. <i>Proceedings (mdpi)</i> , <b>2021</b> , 78, 27	0.3	
458	Co-Amorphous Drug Formulations in Numbers: Recent Advances in Co-Amorphous Drug Formulations with Focus on Co-Formability, Molar Ratio, Preparation Methods, Physical Stability, In Vitro and In Vivo Performance, and New Formulation Strategies. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	16
457	Interactions of Cell-Penetrating Peptide-Modified Nanoparticles with Cells Evaluated Using Single Particle Tracking.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 3155-3165	4.1	2
456	Probabilistic modeling of an injectable aqueous crystalline suspension using influence networks. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 596, 120283	6.5	
455	X-ray Imaging for Gastrointestinal Tracking of Microscale Oral Drug Delivery Devices. <i>ACS Biomaterials Science and Engineering</i> , <b>2021</b> , 7, 2538-2547	5.5	3
454	Simultaneous automated image analysis and Raman spectroscopy of powders at an individual particle level. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 193, 113744	3.5	1
453	Predictive identification of co-formers in co-amorphous systems. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 157, 105636	5.1	4
452	Design of a self-unfolding delivery concept for oral administration of macromolecules. <i>Journal of Controlled Release</i> , <b>2021</b> , 329, 948-954	11.7	7
451	Comparison of co-former performance in co-amorphous formulations: Single amino acids, amino acid physical mixtures, amino acid salts and dipeptides as co-formers. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 156, 105582	5.1	5

450	Design and optimization of self-nanoemulsifying drug delivery systems of clove oil for efficacy enhancement in fish anesthesia. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 61, 102241	4.5	3
449	Exploring the Impact of Intestinal Fluid Components on the Solubility and Supersaturation of Danazol. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 110, 2479-2488	3.9	1
448	Monitoring the Isothermal Dehydration of Crystalline Hydrates Using Low-Frequency Raman Spectroscopy. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 1264-1276	5.6	3
447	Development of Self-Nanoemulsifying Drug Delivery Systems Containing 4-Allylpyrocatechol for Treatment of Oral Infections Caused by. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
446	A Multivariate Approach for the Determination of the Optimal Mixing Ratio of the Non-Strong Interacting Co-Amorphous System Carvedilol-Tryptophan. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
445	Combined Effect of the Preparation Method and Compression on the Physical Stability and Dissolution Behavior of Melt-Quenched Amorphous Celecoxib. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 1408-1418	5.6	3
444	The influence of moisture on the storage stability of co-amorphous systems. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 605, 120802	6.5	2
443	Formulation optimization, anesthetic activity, skin permeation, and transportation pathway of Alpinia galanga oil SNEDDS in zebrafish ( <i>Danio rerio</i> ). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2021</b> , 165, 193-202	5.7	1
442	Investigation on Formulation Strategies to Mitigate Compression-Induced Destabilization in Supersaturated Celecoxib Amorphous Solid Dispersions. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 3882-3893	5.6	0
441	Simultaneous investigation of the liquid transport and swelling performance during tablet disintegration. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 584, 119380	6.5	16
440	Single particles as resonators for thermomechanical analysis. <i>Nature Communications</i> , <b>2020</b> , 11, 1235	17.4	6
439	Direct Measurement of Lateral Molecular Diffusivity on the Surface of Supersaturated Amorphous Solid Dispersions by Atomic Force Microscopy. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 1715-1722	5.6	5
438	Determination of the Optimal Molar Ratio in Amino Acid-Based Coamorphous Systems. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 1335-1342	5.6	12
437	Hot Melt Coating of Amorphous Carvedilol. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	2
436	In Vitro, Ex Vivo and In Vivo Evaluation of Microcontainers for Oral Delivery of Insulin. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	10
435	Exposure of liposomes containing nanocrystallised ciprofloxacin to digestive media induces solid-state transformation and altered in vitro drug release. <i>Journal of Controlled Release</i> , <b>2020</b> , 323, 350-360	11.7	5
434	Highly Elastic and Water Stable Zein Microfibers as a Potential Drug Delivery System for Wound Healing. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	9
433	Comparison of induction methods for supersaturation: Amorphous dissolution versus solvent shift. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 152, 35-43	5.7	7

432	Comparison of induction methods for supersaturation: pH shift versus solvent shift. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 573, 118862	6.5	2
431	Improving the drug load and in vitro performance of supersaturated self-nanoemulsifying drug delivery systems (super-SNEDDS) using polymeric precipitation inhibitors. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 575, 118960	6.5	13
430	Using in vitro lipolysis and SPECT/CT in vivo imaging to understand oral absorption of fenofibrate from lipid-based drug delivery systems. <i>Journal of Controlled Release</i> , <b>2020</b> , 317, 375-384	11.7	6
429	Influence of polymer addition on the amorphization, dissolution and physical stability of co-amorphous systems. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 588, 119768	6.5	8
428	Data-enriched edible pharmaceuticals (DEEP) of medical cannabis by inkjet printing. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 589, 119866	6.5	16
427	Formulation of co-amorphous systems from naproxen and naproxen sodium and in situ monitoring of physicochemical state changes during dissolution testing by Raman spectroscopy. <i>International Journal of Pharmaceutics</i> , <b>2020</b> , 587, 119662	6.5	6
426	Enhancing Stability and Tooth Bleaching Activity of Carbamide Peroxide by Electrospun Nanofibrous Film. <i>Pharmaceutics</i> , <b>2020</b> , 13,	5.2	6
425	Functionalised calcium carbonate as a coformer to stabilize amorphous drugs by mechanochemical activation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 155, 22-28	5.7	1
424	Solving the Computational Puzzle: Toward a Pragmatic Pathway for Modeling Low-Energy Vibrational Modes of Pharmaceutical Crystals. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 6947-6955	3.5	11
423	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. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2020</b> , 151, 108-115	5.7	8
422	Characterising glass transition temperatures and glass dynamics in mesoporous silica-based amorphous drugs. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 19686-19694	3.6	10
421	Microcontainers for oral insulin delivery - In vitro studies of permeation enhancement. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 143, 98-105	5.7	22
420	Comparison of bulk and microfluidics methods for the formulation of poly-lactic--glycolic acid (PLGA) nanoparticles modified with cell-penetrating peptides of different architectures. <i>International Journal of Pharmaceutics: X</i> , <b>2019</b> , 1, 100030	3.2	12
419	Spectroscopic Evidence of Tertiary Structural Differences Between Insulin Molecules in Fibrils. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 2871-2879	3.9	3
418	Efflux Inhibitor Bicalutamide Increases Oral Bioavailability of the Poorly Soluble Efflux Substrate Docetaxel in Co-Amorphous Anti-Cancer Combination Therapy. <i>Molecules</i> , <b>2019</b> , 24,	4.8	12
417	Crystalline adduct of moxifloxacin with trans-cinnamic acid to reduce the aqueous solubility and dissolution rate for improved residence time in the lungs. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 136, 104961	5.1	7
416	Hyaluronic acid-based nanogels improve in vivo compatibility of the anti-biofilm peptide DJK-5. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2019</b> , 20, 102022	6	22
415	Imaging of dehydration in particulate matter using Raman line-focus microscopy. <i>Scientific Reports</i> , <b>2019</b> , 9, 7525	4.9	6

414	Comparison of two different PEGylation strategies for the liposomal adjuvant CAF09: Towards induction of CTL responses upon subcutaneous vaccine administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 140, 29-39	5.7	16
413	Direct Measurement of Amorphous Solubility. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 7411-7417	7.8	15
412	Inhalable co-amorphous budesonide-arginine dry powders prepared by spray drying. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 565, 1-8	6.5	23
411	Design of Inhalable Solid Dosage Forms of Budesonide and Theophylline for Pulmonary Combination Therapy. <i>AAPS PharmSciTech</i> , <b>2019</b> , 20, 137	3.9	10
410	Biorelevant intrinsic dissolution profiling in early drug development: Fundamental, methodological, and industrial aspects. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 139, 101-114	5.7	9
409	Influence of Glass Forming Ability on the Physical Stability of Supersaturated Amorphous Solid Dispersions. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 2561-2569	3.9	17
408	Exploring the utility of the Chasing Principle: influence of drug-free SNEDDS composition on solubilization of carvedilol, cinnarizine and R3040 in aqueous suspension. <i>Acta Pharmaceutica Sinica B</i> , <b>2019</b> , 9, 194-201	15.5	9
407	Utilizing nanoparticles for improving anti-biofilm effects of azithromycin: A head-to-head comparison of modified hyaluronic acid nanogels and coated poly (lactic-co-glycolic acid) nanoparticles. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 595-606	9.3	28
406	The distribution of cell-penetrating peptides on polymeric nanoparticles prepared using microfluidics and elucidated with small angle X-ray scattering. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 438-448	9.3	14
405	Controlling the size and shape of liposomal ciprofloxacin nanocrystals by varying the lipid bilayer composition and drug to lipid ratio. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 361-372	9.3	5
404	Low-Frequency Raman Spectroscopic Study on Compression-Induced Destabilization in Melt-Quenched Amorphous Celecoxib. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 3678-3686	5.6	14
403	In vitro digestion models to evaluate lipid based drug delivery systems; present status and current trends. <i>Advanced Drug Delivery Reviews</i> , <b>2019</b> , 142, 35-49	18.5	49
402	Fenofibrate oral absorption from SNEDDS and super-SNEDDS is not significantly affected by lipase inhibition in rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 142, 258-264	5.7	17
401	Spray-drying of inhalable, multifunctional formulations for the treatment of biofilms formed in cystic fibrosis. <i>Journal of Controlled Release</i> , <b>2019</b> , 314, 62-71	11.7	20
400	Direct Comparison of Standard Transmission Electron Microscopy and Cryogenic-TEM in Imaging Nanocrystals Inside Liposomes. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 1775-1781	5.6	9
399	Amino acids as stabilizers for spray-dried simvastatin powder for inhalation. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 572, 118724	6.5	17
398	Determination of Stable Co-Amorphous Drug-Drug Ratios from the Eutectic Behavior of Crystalline Physical Mixtures. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	12
397	Determining Thermal Conductivity of Small Molecule Amorphous Drugs with Modulated Differential Scanning Calorimetry and Vacuum Molding Sample Preparation. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	2

396	Co-former selection for co-amorphous drug-amino acid formulations. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 557, 366-373	6.5	37
395	Evaluation of the effects of spray drying parameters for producing cubosome powder precursors. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 135, 44-48	5.7	5
394	Optimization of Infrared Microscopy to Assess Secondary Structure of Insulin Molecules Within Individual Subvisible Particles in Aqueous Formulations. <i>Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 108, 1117-1129	3.9	6
393	Microcontainers for protection of oral vaccines, in vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , <b>2019</b> , 294, 91-101	11.7	25
392	Dipeptides as co-formers in co-amorphous systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2019</b> , 134, 68-76	5.7	18
391	Process Optimization and Upscaling of Spray-Dried Drug-Amino acid Co-Amorphous Formulations. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	10
390	Transformations between Co-Amorphous and Co-Crystal Systems and Their Influence on the Formation and Physical Stability of Co-Amorphous Systems. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 1294-1304	5.6	20
389	In situ co-amorphisation in coated tablets - The combination of carvedilol with aspartic acid during immersion in an acidic medium. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 558, 357-366	6.5	10
388	Solid State Characterization of Ciprofloxacin Liposome Nanocrystals. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 184-194	5.6	9
387	Whey proteins as stabilizers in amorphous solid dispersions. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 128, 144-151	5.1	8
386	Glass-Transition Temperature of the $\beta$ Relaxation as the Major Predictive Parameter for Recrystallization of Neat Amorphous Drugs. <i>Journal of Physical Chemistry B</i> , <b>2018</b> , 122, 2803-2808	3.4	58
385	Undesired co-amorphisation of indomethacin and arginine during combined storage at high humidity conditions. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 544, 172-180	6.5	9
384	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 l-Arginine. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 2036-2044	5.6	38
383	The use of molecular descriptors in the development of co-amorphous formulations. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 119, 31-38	5.1	20
382	Characterisation of pore structures of pharmaceutical tablets: A review. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 538, 188-214	6.5	60
381	Toward quality assessment of 3D printed oral dosage forms. <i>Journal of 3D Printing in Medicine</i> , <b>2018</b> , 2, 27-33	1.5	6
380	Is there a correlation between the glass forming ability of a drug and its supersaturation propensity?. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 538, 243-249	6.5	22
379	Quantification of microwave-induced amorphization of celecoxib in PVP tablets using transmission Raman spectroscopy. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 117, 62-67	5.1	27

378	Comparison of two DSC-based methods to predict drug-polymer solubility. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 540, 98-105	6.5	28
377	Characterization of the Hydrodynamics in a Miniaturized Dissolution Apparatus. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 1095-1103	3.9	2
376	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. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 124, 116-124	5.7	28
375	Combining diagnostic methods for antimicrobial susceptibility testing - A comparative approach. <i>Journal of Microbiological Methods</i> , <b>2018</b> , 144, 177-185	2.8	7
374	A Platform for Preparing Homogeneous Proteinaceous Subvisible Particles With Distinct Morphologies. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 1842-1851	3.9	8
373	Using Potentiometric Free Drug Sensors to Determine the Free Concentration of Ionizable Drugs in Colloidal Systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 103-112	3.9	4
372	A non-destructive method for quality control of the pellet distribution within a MUPS tablet by terahertz pulsed imaging. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 111, 549-555	5.1	15
371	Influence of PVP molecular weight on the microwave assisted in situ amorphization of indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 122, 62-69	5.7	23
370	Effect of composition of simulated intestinal media on the solubility of poorly soluble compounds investigated by design of experiments. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 111, 311-319	5.1	22
369	Formulation of self-nanoemulsifying drug delivery systems containing monoacyl phosphatidylcholine and Kolliphor RH40 using experimental design. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 13, 536-545	9	18
368	Aspartame as a co-former in co-amorphous systems. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 549, 380-387	6.5	23
367	Induction of Cytotoxic T-Lymphocyte Responses Upon Subcutaneous Administration of a Subunit Vaccine Adjuvanted With an Emulsion Containing the Toll-Like Receptor 3 Ligand Poly(I:C). <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 898	8.4	8
366	Effect of amorphous phase separation and crystallization on the in vitro and in vivo performance of an amorphous solid dispersion. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 130, 290-295	5.7	30
365	Influence of Solvent Composition on the Performance of Spray-Dried Co-Amorphous Formulations. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	13
364	Organic acids as co-formers for co-amorphous systems - Influence of variation in molar ratio on the physicochemical properties of the co-amorphous systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 131, 25-32	5.7	29
363	The Role of Glass Transition Temperatures in Coamorphous Drug-Amino Acid Formulations. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 4247-4256	5.6	30
362	Spray dried cubosomes with ovalbumin and Quil-A as a nanoparticulate dry powder vaccine formulation. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 550, 35-44	6.5	20
361	On the role of salt formation and structural similarity of co-formers in co-amorphous drug delivery systems. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 535, 86-94	6.5	38

360	Ultrasensitive Microstring Resonators for Solid State Thermomechanical Analysis of Small and Large Molecules. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17522-17531	16.4	5
359	In vitro and in vivo comparison between crystalline and co-amorphous salts of naproxen-arginine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 132, 192-199	5.7	19
358	Influence of preparation technique on co-amorphization of carvedilol with acidic amino acids. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 552, 407-413	6.5	19
357	The Influence of Polymers on the Supersaturation Potential of Poor and Good Glass Formers. <i>Pharmaceutics</i> , <b>2018</b> , 10,	6.4	19
356	In situ co-amorphisation of arginine with indomethacin or furosemide during immersion in an acidic medium - A proof of concept study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2018</b> , 133, 151-160	5.7	13
355	Drug nanocrystallisation within liposomes. <i>Journal of Controlled Release</i> , <b>2018</b> , 288, 96-110	11.7	67
354	Development and characterization of clove oil nanoemulsions and self-microemulsifying drug delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , <b>2018</b> , 46, 330-338	4.5	20
353	Are phytosomes a superior nanodelivery system for the antioxidant rutin?. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 548, 82-91	6.5	30
352	Immune responses induced by nano-self-assembled lipid adjuvants based on a monomycoloyl glycerol analogue after vaccination with the Chlamydia trachomatis major outer membrane protein. <i>Journal of Controlled Release</i> , <b>2018</b> , 285, 12-22	11.7	11
351	Addition of Cationic Surfactants to Lipid-Based Formulations of Poorly Water-Soluble Acidic Drugs Alters the Phase Distribution and the Solid-State Form of the Precipitate Upon In Vitro Lipolysis. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 2420-2427	3.9	4
350	High-Throughput Lipolysis in 96-Well Plates for Rapid Screening of Lipid-Based Drug Delivery Systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 1183-1186	3.9	6
349	Analysis of 3D Prints by X-ray Computed Microtomography and Terahertz Pulsed Imaging. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 1037-1052	4.5	58
348	Amorphization within the tablet: Using microwave irradiation to form a glass solution in situ. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 519, 343-351	6.5	25
347	Influence of preparation pathway on the glass forming ability. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 521, 232-238	6.5	14
346	Multispectral UV Imaging for Determination of the Tablet Coating Thickness. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 1560-1569	3.9	4
345	Influence of drug load and physical form of cinnarizine in new SNEDDS dosing regimens: in vivo and in vitro evaluations. <i>AAPS Journal</i> , <b>2017</b> , 19, 587-594	3.7	23
344	Amorphous is not always better-A dissolution study on solid state forms of carbamazepine. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 522, 74-79	6.5	13
343	Nanomechanical Infrared Spectroscopy with Vibrating Filters for Pharmaceutical Analysis. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3959-3963	3.6	



342	Nanomechanical Infrared Spectroscopy with Vibrating Filters for Pharmaceutical Analysis. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 3901-3905	16.4	13
341	Improvement of the physicochemical properties of Co-amorphous naproxen-indomethacin by naproxen-sodium. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 526, 88-94	6.5	11
340	Monoacyl phosphatidylcholine inhibits the formation of lipid multilamellar structures during in vitro lipolysis of self-emulsifying drug delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 108, 62-70	5.1	11
339	Systematic Investigation of the Role of Surfactant Composition and Choice of oil: Design of a Nanoemulsion-Based Adjuvant Inducing Concomitant Humoral and CD4 T-Cell Responses. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 1716-1727	4.5	6
338	Solid state properties and drug release behavior of co-amorphous indomethacin-arginine tablets coated with Kollicoat <sup>®</sup> Protect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 119, 150-160	5.7	17
337	In vitro and in vivo performance of monoacyl phospholipid-based self-emulsifying drug delivery systems. <i>Journal of Controlled Release</i> , <b>2017</b> , 255, 45-53	11.7	20
336	Microcontainers as an oral delivery system for spray dried cubosomes containing ovalbumin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2017</b> , 118, 13-20	5.7	29
335	Performance comparison between crystalline and co-amorphous salts of indomethacin-lysine. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 533, 138-144	6.5	43
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