

Thomas Rades

List of Publications by Year in descending order

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484
papers

22,530
citations

7551

77
h-index

20307

116
g-index

492
all docs

492
docs citations

492
times ranked

14289
citing authors

#	ARTICLE	IF	CITATIONS
1	Emerging trends in the stabilization of amorphous drugs. <i>International Journal of Pharmaceutics</i> , 2013, 453, 65-79.	2.6	360
2	Recent advances in co-amorphous drug formulations. <i>Advanced Drug Delivery Reviews</i> , 2016, 100, 116-125.	6.6	350
3	Selection of excipients for melt extrusion with two poorly water-soluble drugs by solubility parameter calculation and thermal analysis. <i>International Journal of Pharmaceutics</i> , 2001, 226, 147-161.	2.6	345
4	Terahertz pulsed spectroscopy and imaging in the pharmaceutical setting - a review. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 209-223.	1.2	330
5	Using Terahertz Pulsed Spectroscopy to Quantify Pharmaceutical Polymorphism and Crystallinity. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 837-846.	1.6	326
6	Coamorphous Drug Systems: Enhanced Physical Stability and Dissolution Rate of Indomethacin and Naproxen. <i>Molecular Pharmaceutics</i> , 2011, 8, 1919-1928.	2.3	302
7	New perspectives on lipid and surfactant based drug delivery systems for oral delivery of poorly soluble drugs. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 1622-1636.	1.2	246
8	Amino acids as co-amorphous stabilizers for poorly water soluble drugs – Part 1: Preparation, stability and dissolution enhancement. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 873-881.	2.0	246
9	Enhanced dissolution rate and synchronized release of drugs in binary systems through formulation: Amorphous naproxen-cimetidine mixtures prepared by mechanical activation. <i>Journal of Controlled Release</i> , 2009, 136, 45-53.	4.8	236
10	An overview of recent studies on the analysis of pharmaceutical polymorphs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 618-644.	1.4	233
11	Using terahertz pulsed spectroscopy to study crystallinity of pharmaceutical materials. <i>Chemical Physics Letters</i> , 2004, 390, 20-24.	1.2	217
12	Characterization of glass solutions of poorly water-soluble drugs produced by melt extrusion with hydrophilic amorphous polymers. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 53, 303-315.	1.2	205
13	Co-amorphous simvastatin and glipizide combinations show improved physical stability without evidence of intermolecular interactions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 159-169.	2.0	197
14	Effects of intraduodenal fatty acids on appetite, antropyloroduodenal motility, and plasma CCK and GLP-1 in humans vary with their chain length. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 287, R524-R533.	0.9	196
15	Raman spectroscopy for quantitative analysis of pharmaceutical solids. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 179-192.	1.2	196
16	Analysis of Coating Structures and Interfaces in Solid Oral Dosage Forms by Three Dimensional Terahertz Pulsed Imaging. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 330-340.	1.6	179
17	Physical characterization and stability of amorphous indomethacin and ranitidine hydrochloride binary systems prepared by mechanical activation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 47-54.	2.0	179
18	Analysis of solid-state transformations of pharmaceutical compounds using vibrational spectroscopy. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 971-988.	1.2	179

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19	In vitro and in vivo performance of novel supersaturated self-nanoemulsifying drug delivery systems (super-SNEDDS). <i>Journal of Controlled Release</i> , 2012, 160, 25-32.	4.8	178
20	Structural investigations on nanoemulsions, solid lipid nanoparticles and nanostructured lipid carriers by cryo-field emission scanning electron microscopy and Raman spectroscopy. <i>International Journal of Pharmaceutics</i> , 2006, 314, 56-62.	2.6	170
21	Preparation of biodegradable insulin nanocapsules from biocompatible microemulsions. <i>Pharmaceutical Research</i> , 2000, 17, 684-689.	1.7	158
22	Liposomal delivery of antigen to human dendritic cells. <i>Vaccine</i> , 2003, 21, 883-890.	1.7	157
23	Understanding the Influence of Polymorphism on Phonon Spectra: Lattice Dynamics Calculations and Terahertz Spectroscopy of Carbamazepine. <i>Journal of Physical Chemistry B</i> , 2006, 110, 447-456.	1.2	157
24	Silica-lipid hybrid (SLH) microcapsules: A novel oral delivery system for poorly soluble drugs. <i>Journal of Controlled Release</i> , 2009, 134, 62-70.	4.8	154
25	Amino acids as co-amorphous stabilizers for poorly water-soluble drugs – Part 2: Molecular interactions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 882-888.	2.0	153
26	Preparation of glass solutions of three poorly water soluble drugs by spray drying, melt extrusion and ball milling. <i>International Journal of Pharmaceutics</i> , 2007, 336, 22-34.	2.6	149
27	Liposome-Based Adjuvants for Subunit Vaccines: Formulation Strategies for Subunit Antigens and Immunostimulators. <i>Pharmaceutics</i> , 2016, 8, 7.	2.0	147
28	Analysis of sustained-release tablet film coats using terahertz pulsed imaging. <i>Journal of Controlled Release</i> , 2007, 119, 253-261.	4.8	145
29	Preparation of phytantriol cubosomes by solvent precursor dilution for the delivery of protein vaccines. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 15-22.	2.0	145
30	Fat digestion modulates gastrointestinal sensations induced by gastric distention and duodenal lipid in humans. <i>Gastroenterology</i> , 2001, 120, 1100-1107.	0.6	142
31	W/O microemulsions for ocular delivery: Evaluation of ocular irritation and precorneal retention. <i>Journal of Controlled Release</i> , 2006, 111, 145-152.	4.8	138
32	Drug hydrate systems and dehydration processes studied by terahertz pulsed spectroscopy. <i>International Journal of Pharmaceutics</i> , 2007, 334, 78-84.	2.6	134
33	Characterisation of bicontinuous cubic liquid crystalline systems of phytantriol and water using cryo field emission scanning electron microscopy (cryo FESEM). <i>Micron</i> , 2007, 38, 478-485.	1.1	131
34	Precipitation of a Poorly Soluble Model Drug during In Vitro Lipolysis: Characterization and Dissolution of the Precipitate. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4982-4991.	1.6	131
35	Characterization of Temperature-Induced Phase Transitions in Five Polymorphic Forms of Sulfathiazole by Terahertz Pulsed Spectroscopy and Differential Scanning Calorimetry. <i>Journal of Pharmaceutical Sciences</i> , 2006, 95, 2486-2498.	1.6	126
36	The Influence of Thermal and Mechanical Preparative Techniques on the Amorphous State of Four Poorly Soluble Compounds. <i>Journal of Pharmaceutical Sciences</i> , 2005, 94, 1998-2012.	1.6	124

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37	Investigation of properties and recrystallisation behaviour of amorphous indomethacin samples prepared by different methods. <i>International Journal of Pharmaceutics</i> , 2011, 417, 94-100.	2.6	124
38	Correlating thermodynamic and kinetic parameters with amorphous stability. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 37, 492-498.	1.9	123
39	Non-destructive quantification of pharmaceutical tablet coatings using terahertz pulsed imaging and optical coherence tomography. <i>Optics and Lasers in Engineering</i> , 2011, 49, 361-365.	2.0	120
40	Refining stability and dissolution rate of amorphous drug formulations. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 977-989.	2.4	119
41	Quantifying ternary mixtures of different solid-state forms of indomethacin by Raman and near-infrared spectroscopy. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 32, 182-192.	1.9	115
42	Supersaturated Self-Nanoemulsifying Drug Delivery Systems (Super-SNEDDS) Enhance the Bioavailability of the Poorly Water-Soluble Drug Simvastatin in Dogs. <i>AAPS Journal</i> , 2013, 15, 219-227.	2.2	114
43	Bicontinuous cubic liquid crystals as sustained delivery systems for peptides and proteins. <i>Expert Opinion on Drug Delivery</i> , 2010, 7, 1133-1144.	2.4	112
44	Comparative Study of Different Methods for the Prediction of Drug's Polymer Solubility. <i>Molecular Pharmaceutics</i> , 2015, 12, 3408-3419.	2.3	111
45	Comparative study of liposomes, transfersomes, ethosomes and cubosomes for transcutaneous immunisation: characterisation and in vitro skin penetration. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 1560-1569.	1.2	110
46	Determination of Solubility Parameters of Ibuprofen and Ibuprofen Lysinate. <i>Molecules</i> , 2015, 20, 21549-21568.	1.7	110
47	Liquid Crystalline Systems of Phytantriol and Glycerol Monooleate Containing a Hydrophilic Protein: Characterisation, Swelling and Release Kinetics. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 4191-4204.	1.6	107
48	Effects of alcohols and diols on the phase behaviour of quaternary systems. <i>International Journal of Pharmaceutics</i> , 2000, 196, 141-145.	2.6	105
49	Improving Co-Amorphous Drug Formulations by the Addition of the Highly Water Soluble Amino Acid, Proline. <i>Pharmaceutics</i> , 2014, 6, 416-435.	2.0	105
50	Screening for differences in the amorphous state of indomethacin using multivariate visualization. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 113-123.	1.9	101
51	Lipid based particulate formulations for the delivery of antigen. <i>Immunology and Cell Biology</i> , 2005, 83, 97-105.	1.0	100
52	Drug nanocrystallisation within liposomes. <i>Journal of Controlled Release</i> , 2018, 288, 96-110.	4.8	100
53	Characterizing the conversion kinetics of carbamazepine polymorphs to the dihydrate in aqueous suspension using Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 271-280.	1.4	99
54	Cubosomes containing the adjuvants imiquimod and monophosphoryl lipid A stimulate robust cellular and humoral immune responses. <i>Journal of Controlled Release</i> , 2013, 165, 16-21.	4.8	98

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55	In Vitro Lipolysis Data Does Not Adequately Predict the In Vivo Performance of Lipid-Based Drug Delivery Systems Containing Fenofibrate. <i>AAPS Journal</i> , 2014, 16, 539-549.	2.2	98
56	Predicting Crystallization of Amorphous Drugs with Terahertz Spectroscopy. <i>Molecular Pharmaceutics</i> , 2015, 12, 3062-3068.	2.3	97
57	A theoretical and spectroscopic study of co-amorphous naproxen and indomethacin. <i>International Journal of Pharmaceutics</i> , 2013, 453, 80-87.	2.6	95
58	Preparation and characterization of spray-dried co-amorphous drug-polymer amino acid salts. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 615-624.	1.2	95
59	Quantitative analysis of polymorphic mixtures of ranitidine hydrochloride by Raman spectroscopy and principal components analysis. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002, 54, 337-341.	2.0	94
60	Supersaturating drug delivery systems: The potential of co-amorphous drug formulations. <i>International Journal of Pharmaceutics</i> , 2017, 532, 1-12.	2.6	93
61	Glass-Transition Temperature of the β -Relaxation as the Major Predictive Parameter for Recrystallization of Neat Amorphous Drugs. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2803-2808.	1.2	93
62	Characterizing Colloidal Structures of Pseudoternary Phase Diagrams Formed by Oil/Water/Amphiphile Systems. <i>Drug Development and Industrial Pharmacy</i> , 2001, 27, 31-38.	0.9	92
63	Perspectives in the use of spectroscopy to characterise pharmaceutical solids. <i>International Journal of Pharmaceutics</i> , 2008, 364, 159-169.	2.6	90
64	Dry Hybrid Lipid-Silica Microcapsules Engineered from Submicron Lipid Droplets and Nanoparticles as a Novel Delivery System for Poorly Soluble Drugs. <i>Molecular Pharmaceutics</i> , 2009, 6, 861-872.	2.3	90
65	Characterisation of pore structures of pharmaceutical tablets: A review. <i>International Journal of Pharmaceutics</i> , 2018, 538, 188-214.	2.6	90
66	The Potential of Small-Scale Fusion Experiments and the Gordon-Taylor Equation to Predict the Suitability of Drug/Polymer Blends for Melt Extrusion. <i>Drug Development and Industrial Pharmacy</i> , 2001, 27, 549-560.	0.9	88
67	Amino Acids as Co-amorphous Excipients for Simvastatin and Glibenclamide: Physical Properties and Stability. <i>Molecular Pharmaceutics</i> , 2014, 11, 2381-2389.	2.3	88
68	Temperature dependent terahertz pulsed spectroscopy of carbamazepine. <i>Thermochimica Acta</i> , 2005, 436, 71-77.	1.2	85
69	Physicochemical Properties and Stability of Two Differently Prepared Amorphous Forms of Simvastatin. <i>Crystal Growth and Design</i> , 2008, 8, 128-135.	1.4	85
70	Understanding the solid-state forms of fenofibrate - A spectroscopic and computational study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 100-108.	2.0	85
71	Characterization of microemulsion structures in the pseudoternary phase diagram of isopropyl palmitate/water/Brij 97:1-butanol. <i>AAPS PharmSciTech</i> , 2006, 7, E99-E104.	1.5	84
72	Influence of Polymer Molecular Weight on Drug-polymer Solubility: A Comparison between Experimentally Determined Solubility in PVP and Prediction Derived from Solubility in Monomer. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2905-2912.	1.6	84

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73	Polymer-Based Prodrugs: Improving Tumor Targeting and the Solubility of Small Molecule Drugs in Cancer Therapy. <i>Molecules</i> , 2015, 20, 21750-21769.	1.7	84
74	Adsorption of bovine serum albumin (BSA) onto lecithin studied by attenuated total reflectance Fourier transform infrared (ATR-FTIR) spectroscopy. <i>International Journal of Pharmaceutics</i> , 2007, 337, 40-47.	2.6	81
75	Applications of terahertz pulsed imaging to sustained-release tablet film coating quality assessment and dissolution performance. <i>Journal of Controlled Release</i> , 2008, 127, 79-87.	4.8	81
76	Solid-state properties and dissolution behaviour of tablets containing co-amorphous indomethacin-arginine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 96, 44-52.	2.0	80
77	Formation Kinetics and Stability of Carbamazepine-Nicotinamide Cocrystals Prepared by Mechanical Activation. <i>Crystal Growth and Design</i> , 2009, 9, 2377-2386.	1.4	79
78	Characterising Lipid Lipolysis and Its Implication in Lipid-Based Formulation Development. <i>AAPS Journal</i> , 2012, 14, 860-871.	2.2	79
79	Nonlamellar liquid crystalline nanostructured particles: advances in materials and structure determination. <i>Journal of Liposome Research</i> , 2009, 19, 12-28.	1.5	78
80	Mannosylated liposomes as antigen delivery vehicles for targeting to dendritic cells. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 729-737.	1.2	78
81	Development of a screening method for co-amorphous formulations of drugs and amino acids. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 95, 28-35.	1.9	78
82	Silica Nanoparticles To Control the Lipase-Mediated Digestion of Lipid-Based Oral Delivery Systems. <i>Molecular Pharmaceutics</i> , 2010, 7, 522-532.	2.3	76
83	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
84	Co-former selection for co-amorphous drug-amino acid formulations. <i>International Journal of Pharmaceutics</i> , 2019, 557, 366-373.	2.6	76
85	Recent pharmaceutical applications of raman and terahertz spectroscopies. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 4598-4621.	1.6	75
86	Solubilisation of soybean oil in microemulsions using various surfactants. <i>Food Hydrocolloids</i> , 2006, 20, 253-260.	5.6	72
87	Formation Mechanism of Coamorphous Drug-Amino Acid Mixtures. <i>Molecular Pharmaceutics</i> , 2015, 12, 2484-2492.	2.3	72
88	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> , 2021, 13, 389.	2.0	71
89	Using different structure types of microemulsions for the preparation of poly(alkylcyanoacrylate) nanoparticles by interfacial polymerization. <i>Journal of Controlled Release</i> , 2005, 106, 76-87.	4.8	70
90	Self-Assembled Geometric Liquid-Crystalline Nanoparticles Imaged in Three Dimensions: Hexosomes Are Not Necessarily Flat Hexagonal Prisms. <i>Langmuir</i> , 2007, 23, 12461-12464.	1.6	70

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91	Influence of Lipid Composition and Drug Load on the In Vitro Performance of Self-Nanoemulsifying Drug Delivery Systems. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 1721-1731.	1.6	70
92	Analysis of 3D Prints by X-ray Computed Microtomography and Terahertz Pulsed Imaging. <i>Pharmaceutical Research</i> , 2017, 34, 1037-1052.	1.7	69
93	Quantitative analysis of polymorphic mixtures of carbamazepine by Raman spectroscopy and principal components analysis. <i>Journal of Raman Spectroscopy</i> , 2004, 35, 347-352.	1.2	68
94	Effect of milling conditions on the solid-state conversion of ranitidine hydrochloride form 1. <i>International Journal of Pharmaceutics</i> , 2006, 327, 36-44.	2.6	68
95	A theoretical and spectroscopic study of β -crystalline and amorphous indometacin. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 261-269.	1.2	68
96	Insights into the Early Dissolution Events of Amlodipine Using UV Imaging and Raman Spectroscopy. <i>Molecular Pharmaceutics</i> , 2011, 8, 1372-1380.	2.3	68
97	Influence of solvent evaporation rate and formulation factors on solid dispersion physical stability. <i>European Journal of Pharmaceutical Sciences</i> , 2011, 44, 610-620.	1.9	68
98	Microemulsions containing lecithin and sugar-based surfactants: Nanoparticle templates for delivery of proteins and peptides. <i>International Journal of Pharmaceutics</i> , 2008, 350, 351-360.	2.6	67
99	The Role of Configurational Entropy in Amorphous Systems. <i>Pharmaceutics</i> , 2010, 2, 224-244.	2.0	67
100	Development and characterisation of modified poloxamer 407 thermoresponsive depot systems containing cubosomes. <i>International Journal of Pharmaceutics</i> , 2011, 408, 20-26.	2.6	66
101	An oral delivery system for indomethacin engineered from cationic lipid emulsions and silica nanoparticles. <i>Journal of Controlled Release</i> , 2010, 143, 367-373.	4.8	65
102	On the role of salt formation and structural similarity of co-formers in co-amorphous drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2018, 535, 86-94.	2.6	65
103	Terahertz pulsed imaging as an analytical tool for sustained-release tablet film coating. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009, 71, 117-123.	2.0	64
104	In vivo evaluation of chitosan as an adjuvant in subcutaneous vaccine formulations. <i>Vaccine</i> , 2013, 31, 4812-4819.	1.7	64
105	Activation of the NLRP3 inflammasome is not a feature of all particulate vaccine adjuvants. <i>Immunology and Cell Biology</i> , 2014, 92, 535-542.	1.0	64
106	Influence of variation in molar ratio on co-amorphous drug-amino acid systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 107, 32-39.	2.0	64
107	The administration route is decisive for the ability of the vaccine adjuvant CAF09 to induce antigen-specific CD8 + T-cell responses: The immunological consequences of the biodistribution profile. <i>Journal of Controlled Release</i> , 2016, 239, 107-117.	4.8	62
108	Influence of polymer molecular weight on in vitro dissolution behavior and in vivo performance of celecoxib:PVP amorphous solid dispersions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 101, 145-151.	2.0	62

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109	Characterisation of indomethacin and nifedipine using variable-temperature solid-state NMR. <i>Magnetic Resonance in Chemistry</i> , 2005, 43, 881-892.	1.1	61
110	Monitoring tablet surface roughness during the film coating process. <i>AAPS PharmSciTech</i> , 2006, 7, E1-E6.	1.5	61
111	Hot Melt Extrusion and Spray Drying of Co-amorphous Indomethacin-Arginine With Polymers. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 302-312.	1.6	61
112	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 Arginine. <i>Molecular Pharmaceutics</i> , 2018, 15, 2036-2044.	2.3	61
113	Poly(alkylcyanoacrylate) nanoparticles for enhanced delivery of therapeutics – is there real potential?. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 371-387.	2.4	60
114	Determination of polymorphic forms of ranitidine-HCl by DRIFTS and XRPD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 25, 741-750.	1.4	59
115	Polymeric microcontainers improve oral bioavailability of furosemide. <i>International Journal of Pharmaceutics</i> , 2016, 504, 98-109.	2.6	59
116	Factors influencing the entrapment of hydrophilic compounds in nanocapsules prepared by interfacial polymerisation of water-in-oil microemulsions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2002, 53, 335-342.	2.0	58
117	Comparative effects of intraduodenal infusions of lauric and oleic acids on antropyloroduodenal motility, plasma cholecystokinin and peptide YY, appetite, and energy intake in healthy men. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 1181-1187.	2.2	58
118	Preparation of an amorphous sodium furosemide salt improves solubility and dissolution rate and leads to a faster T _{max} after oral dosing to rats. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 942-951.	2.0	58
119	Effects of formulation variables on characteristics of poly (ethylcyanoacrylate) nanocapsules prepared from w/o microemulsions. <i>International Journal of Pharmaceutics</i> , 2002, 235, 237-246.	2.6	57
120	Influence of Polymorphic Form, Morphology, and Excipient Interactions on the Dissolution of Carbamazepine Compacts. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 584-594.	1.6	57
121	Oral insulin delivery using nanoparticles based on microemulsions with different structure-types: Optimisation and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 37, 53-61.	1.9	57
122	Transcutaneous immunization using microneedles and cubosomes: Mechanistic investigations using Optical Coherence Tomography and Two-Photon Microscopy. <i>Journal of Controlled Release</i> , 2013, 172, 894-903.	4.8	57
123	Amorphous drugs and dosage forms. <i>Journal of Drug Delivery Science and Technology</i> , 2013, 23, 403-408.	1.4	57
124	Performance comparison between crystalline and co-amorphous salts of indomethacin-lysine. <i>International Journal of Pharmaceutics</i> , 2017, 533, 138-144.	2.6	57
125	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> , 2018, 131, 25-32.	2.0	56
126	Relaxation and Crystallization of Amorphous Carbamazepine Studied by Terahertz Pulsed Spectroscopy. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 2703-2709.	1.6	55

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127	In-vitro release and oral bioactivity of insulin in diabetic rats using nanocapsules dispersed in biocompatible microemulsion. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 54, 473-480.	1.2	55
128	Improvement of dissolution rate of indomethacin by inkjet printing. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 75, 91-100.	1.9	55
129	The Precipitation Behavior of Poorly Water-Soluble Drugs with an Emphasis on the Digestion of Lipid Based Formulations. <i>Pharmaceutical Research</i> , 2016, 33, 548-562.	1.7	55
130	Formation and physical stability of the amorphous phase of ranitidine hydrochloride polymorphs prepared by cryo-milling. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 68, 771-780.	2.0	54
131	In vitro and in vivo investigation of thermosensitive chitosan hydrogels containing silica nanoparticles for vaccine delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 41, 360-368.	1.9	54
132	Spatial confinement can lead to increased stability of amorphous indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 81, 418-425.	2.0	54
133	Effects of film coating thickness and drug layer uniformity on in vitro drug release from sustained-release coated pellets: A case study using terahertz pulsed imaging. <i>International Journal of Pharmaceutics</i> , 2009, 382, 151-159.	2.6	53
134	The influence of various excipients on the conversion kinetics of carbamazepine polymorphs in aqueous suspension. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 193-201.	1.2	53
135	Investigation of the Formation Process of Two Piracetam Cocrystals during Grinding. <i>Pharmaceutics</i> , 2011, 3, 706-722.	2.0	53
136	Studying the Propensity of Compounds to Supersaturate: A Practical and Broadly Applicable Approach. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 3021-3029.	1.6	53
137	Investigation of physical properties and stability of indomethacin-cimetidine and naproxen-cimetidine co-amorphous systems prepared by quench cooling, coprecipitation and ball milling. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 36-45.	1.2	53
138	Influence of PVP/VA copolymer composition on drug-polymer solubility. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 85, 10-17.	1.9	53
139	Visualizing the conversion of carbamazepine in aqueous suspension with and without the presence of excipients: A single crystal study using SEM and Raman microscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 64, 326-335.	2.0	52
140	Chitosan-magnesium aluminum silicate composite dispersions: Characterization of rheology, flocculate size and zeta potential. <i>International Journal of Pharmaceutics</i> , 2008, 351, 227-235.	2.6	51
141	Quantitative solid-state analysis of three solid forms of ranitidine hydrochloride in ternary mixtures using Raman spectroscopy and X-ray powder diffraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 18-25.	1.4	51
142	Recent advances and potential applications of modulated differential scanning calorimetry (mDSC) in drug development. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 87, 164-173.	1.9	51
143	The significance of the amorphous potential energy landscape for dictating glassy dynamics and driving solid-state crystallisation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 30039-30047.	1.3	51
144	On the preparation, microscopic investigation and application of ISCOMs. <i>Micron</i> , 2006, 37, 724-734.	1.1	50

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145	The application of MALDI TOF MS in biopharmaceutical research. <i>International Journal of Pharmaceutics</i> , 2011, 417, 70-82.	2.6	49
146	The Role of Glass Transition Temperatures in Coamorphous Drug-Amino Acid Formulations. <i>Molecular Pharmaceutics</i> , 2018, 15, 4247-4256.	2.3	49
147	Solid-State Transition Mechanism in Carbamazepine Polymorphs by Time-Resolved Terahertz Spectroscopy. <i>ChemPhysChem</i> , 2007, 8, 1924-1927.	1.0	48
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