

Thomas Rades

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5994761/thomas-rades-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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, 147-61	6.5	309
466	Emerging trends in the stabilization of amorphous drugs. <i>International Journal of Pharmaceutics</i> , 2013 , 453, 65-79	6.5	307
465	Using terahertz pulsed spectroscopy to quantify pharmaceutical polymorphism and crystallinity. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 837-46	3.9	266
464	Recent advances in co-amorphous drug formulations. <i>Advanced Drug Delivery Reviews</i> , 2016 , 100, 116-25	18.5	265
463	Terahertz pulsed spectroscopy and imaging in the pharmaceutical setting--a review. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 209-23	4.8	254
462	Coamorphous drug systems: enhanced physical stability and dissolution rate of indomethacin and naproxen. <i>Molecular Pharmaceutics</i> , 2011 , 8, 1919-28	5.6	248
461	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, 1622-36	4.8	205
460	An overview of recent studies on the analysis of pharmaceutical polymorphs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 618-44	3.5	200
459	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, 873-81	5.7	197
458	Using terahertz pulsed spectroscopy to study crystallinity of pharmaceutical materials. <i>Chemical Physics Letters</i> , 2004 , 390, 20-24	2.5	194
457	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	11.7	192
456	Characterization of glass solutions of poorly water-soluble drugs produced by melt extrusion with hydrophilic amorphous polymers. <i>Journal of Pharmacy and Pharmacology</i> , 2001 , 53, 303-15	4.8	189
455	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, R524-33	3.2	174
454	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, 159-69	5.7	159
453	Analysis of solid-state transformations of pharmaceutical compounds using vibrational spectroscopy. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 61, 971-988	4.8	154
452	Raman spectroscopy for quantitative analysis of pharmaceutical solids. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 179-92	4.8	152
451	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	11.7	150

450	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	5.7	147
449	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	6.5	147
448	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, 330-40	3.9	146
447	Silica-lipid hybrid (SLH) microcapsules: a novel oral delivery system for poorly soluble drugs. <i>Journal of Controlled Release</i> , 2009 , 134, 62-70	11.7	145
446	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, 447-56	3.4	145
445	Preparation of biodegradable insulin nanocapsules from biocompatible microemulsions. <i>Pharmaceutical Research</i> , 2000 , 17, 684-9	4.5	141
444	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	6.5	139
443	Liposomal delivery of antigen to human dendritic cells. <i>Vaccine</i> , 2003 , 21, 883-90	4.1	132
442	Analysis of sustained-release tablet film coats using terahertz pulsed imaging. <i>Journal of Controlled Release</i> , 2007 , 119, 253-61	11.7	127
441	Fat digestion modulates gastrointestinal sensations induced by gastric distention and duodenal lipid in humans. <i>Gastroenterology</i> , 2001 , 120, 1100-7	13.3	124
440	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, 882-8	5.7	121
439	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	5.7	120
438	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, 4982-91	3.9	118
437	W/O microemulsions for ocular delivery: evaluation of ocular irritation and precorneal retention. <i>Journal of Controlled Release</i> , 2006 , 111, 145-52	11.7	116
436	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, 2486-98	3.9	115
435	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	3.9	113
434	Correlating thermodynamic and kinetic parameters with amorphous stability. <i>European Journal of Pharmaceutical Sciences</i> , 2009 , 37, 492-8	5.1	111
433	Drug hydrate systems and dehydration processes studied by terahertz pulsed spectroscopy. <i>International Journal of Pharmaceutics</i> , 2007 , 334, 78-84	6.5	111

432	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, 478-85	2.3	111
431	Investigation of properties and recrystallisation behaviour of amorphous indomethacin samples prepared by different methods. <i>International Journal of Pharmaceutics</i> , 2011 , 417, 94-100	6.5	108
430	Liposome-Based Adjuvants for Subunit Vaccines: Formulation Strategies for Subunit Antigens and Immunostimulators. <i>Pharmaceutics</i> , 2016 , 8,	6.4	104
429	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, 182-92	5.1	103
428	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	4.6	102
427	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, 219-27	3.7	98
426	Bicontinuous cubic liquid crystals as sustained delivery systems for peptides and proteins. <i>Expert Opinion on Drug Delivery</i> , 2010 , 7, 1133-44	8	97
425	Screening for differences in the amorphous state of indomethacin using multivariate visualization. <i>European Journal of Pharmaceutical Sciences</i> , 2007 , 30, 113-23	5.1	97
424	Effects of alcohols and diols on the phase behaviour of quaternary systems. <i>International Journal of Pharmaceutics</i> , 2000 , 196, 141-5	6.5	97
423	Refining stability and dissolution rate of amorphous drug formulations. <i>Expert Opinion on Drug Delivery</i> , 2014 , 11, 977-89	8	95
422	Liquid crystalline systems of phytantriol and glyceryl monooleate containing a hydrophilic protein: Characterisation, swelling and release kinetics. <i>Journal of Pharmaceutical Sciences</i> , 2009 , 98, 4191-204	3.9	92
421	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	11.7	89
420	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, 271-80	3.5	89
419	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, 1560-9	4.8	87
418	Determination of Solubility Parameters of Ibuprofen and Ibuprofen Lysinate. <i>Molecules</i> , 2015 , 20, 21549-68	4.6	86
417	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, 539-49	3.7	84
416	Improving co-amorphous drug formulations by the addition of the highly water soluble amino Acid, proline. <i>Pharmaceutics</i> , 2014 , 6, 416-35	6.4	83
415	Lipid based particulate formulations for the delivery of antigen. <i>Immunology and Cell Biology</i> , 2005 , 83, 97-105	5	83

414	Comparative Study of Different Methods for the Prediction of Drug-Polymer Solubility. <i>Molecular Pharmaceutics</i> , 2015 , 12, 3408-19	5.6	80
413	Preparation and characterization of spray-dried co-amorphous drug-amino acid salts. <i>Journal of Pharmacy and Pharmacology</i> , 2016 , 68, 615-24	4.8	80
412	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, 861-72	5.6	80
411	Characterizing colloidal structures of pseudoternary phase diagrams formed by oil/water/amphiphile systems. <i>Drug Development and Industrial Pharmacy</i> , 2001 , 27, 31-8	3.6	80
410	A theoretical and spectroscopic study of co-amorphous naproxen and indomethacin. <i>International Journal of Pharmaceutics</i> , 2013 , 453, 80-7	6.5	79
409	Perspectives in the use of spectroscopy to characterise pharmaceutical solids. <i>International Journal of Pharmaceutics</i> , 2008 , 364, 159-69	6.5	79
408	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, 337-41	5.7	79
407	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, 549-60	3.6	79
406	Predicting Crystallization of Amorphous Drugs with Terahertz Spectroscopy. <i>Molecular Pharmaceutics</i> , 2015 , 12, 3062-8	5.6	78
405	Formation Kinetics and Stability of Carbamazepine-Nicotinamide Cocrystals Prepared by Mechanical Activation. <i>Crystal Growth and Design</i> , 2009 , 9, 2377-2386	3.5	77
404	Physicochemical Properties and Stability of Two Differently Prepared Amorphous Forms of Simvastatin. <i>Crystal Growth and Design</i> , 2008 , 8, 128-135	3.5	77
403	Understanding the solid-state forms of fenofibrate—a spectroscopic and computational study. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 71, 100-8	5.7	75
402	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	11.7	74
401	Silica nanoparticles to control the lipase-mediated digestion of lipid-based oral delivery systems. <i>Molecular Pharmaceutics</i> , 2010 , 7, 522-32	5.6	73
400	Amino acids as co-amorphous excipients for simvastatin and glibenclamide: physical properties and stability. <i>Molecular Pharmaceutics</i> , 2014 , 11, 2381-9	5.6	71
399	Recent pharmaceutical applications of Raman and terahertz spectroscopies. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 4598-621	3.9	70
398	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, 40-7	6.5	69
397	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	3.9	68

396	Supersaturating drug delivery systems: The potential of co-amorphous drug formulations. <i>International Journal of Pharmaceutics</i> , 2017 , 532, 1-12	6.5	67
395	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, 2905-12	3.9	67
394	Nonlamellar liquid crystalline nanostructured particles: advances in materials and structure determination. <i>Journal of Liposome Research</i> , 2009 , 19, 12-28	6.1	67
393	Temperature dependent terahertz pulsed spectroscopy of carbamazepine. <i>Thermochimica Acta</i> , 2005 , 436, 71-77	2.9	67
392	Drug nanocrystallisation within liposomes. <i>Journal of Controlled Release</i> , 2018 , 288, 96-110	11.7	67
391	Polymer-Based Prodrugs: Improving Tumor Targeting and the Solubility of Small Molecule Drugs in Cancer Therapy. <i>Molecules</i> , 2015 , 20, 21750-69	4.8	66
390	Characterising lipid lipolysis and its implication in lipid-based formulation development. <i>AAPS Journal</i> , 2012 , 14, 860-71	3.7	66
389	Mannosylated liposomes as antigen delivery vehicles for targeting to dendritic cells. <i>Journal of Pharmacy and Pharmacology</i> , 2006 , 58, 729-37	4.8	66
388	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	11.7	64
387	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	5.7	63
386	Insights into the early dissolution events of amlodipine using UV imaging and Raman spectroscopy. <i>Molecular Pharmaceutics</i> , 2011 , 8, 1372-80	5.6	61
385	Self-assembled geometric liquid-crystalline nanoparticles imaged in three dimensions: hexosomes are not necessarily flat hexagonal prisms. <i>Langmuir</i> , 2007 , 23, 12461-4	4	61
384	Characterisation of pore structures of pharmaceutical tablets: A review. <i>International Journal of Pharmaceutics</i> , 2018 , 538, 188-214	6.5	60
383	A theoretical and spectroscopic study of gamma-crystalline and amorphous indometacin. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 261-9	4.8	60
382	An oral delivery system for indomethicin engineered from cationic lipid emulsions and silica nanoparticles. <i>Journal of Controlled Release</i> , 2010 , 143, 367-73	11.7	60
381	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, 1721-31	3.9	59
380	Quantitative analysis of polymorphic mixtures of carbamazepine by Raman spectroscopy and principal components analysis. <i>Journal of Raman Spectroscopy</i> , 2004 , 35, 347-352	2.3	59
379	Analysis of 3D Prints by X-ray Computed Microtomography and Terahertz Pulsed Imaging. <i>Pharmaceutical Research</i> , 2017 , 34, 1037-1052	4.5	58

378	Glass-Transition Temperature of the Relaxation as the Major Predictive Parameter for Recrystallization of Neat Amorphous Drugs. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 2803-2808	3.4	58
377	Microemulsions containing lecithin and sugar-based surfactants: nanoparticle templates for delivery of proteins and peptides. <i>International Journal of Pharmaceutics</i> , 2008 , 350, 351-60	6.5	57
376	Formation Mechanism of Coamorphous Drug-Amino Acid Mixtures. <i>Molecular Pharmaceutics</i> , 2015 , 12, 2484-92	5.6	56
375	Influence of solvent evaporation rate and formulation factors on solid dispersion physical stability. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 610-20	5.1	56
374	Terahertz pulsed imaging as an analytical tool for sustained-release tablet film coating. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 71, 117-23	5.7	56
373	Effect of milling conditions on the solid-state conversion of ranitidine hydrochloride Form 1. <i>International Journal of Pharmaceutics</i> , 2006 , 327, 36-44	6.5	56
372	Characterisation of indomethacin and nifedipine using variable-temperature solid-state NMR. <i>Magnetic Resonance in Chemistry</i> , 2005 , 43, 881-92	2.1	56
371	Activation of the NLRP3 inflammasome is not a feature of all particulate vaccine adjuvants. <i>Immunology and Cell Biology</i> , 2014 , 92, 535-42	5	55
370	Development and characterisation of modified poloxamer 407 thermoresponsive depot systems containing cubosomes. <i>International Journal of Pharmaceutics</i> , 2011 , 408, 20-6	6.5	55
369	Solubilisation of soybean oil in microemulsions using various surfactants. <i>Food Hydrocolloids</i> , 2006 , 20, 253-260	10.6	55
368	The Role of Configurational Entropy in Amorphous Systems. <i>Pharmaceutics</i> , 2010 , 2, 224-244	6.4	54
367	Effects of formulation variables on characteristics of poly (ethylcyanoacrylate) nanocapsules prepared from w/o microemulsions. <i>International Journal of Pharmaceutics</i> , 2002 , 235, 237-46	6.5	54
366	Determination of polymorphic forms of ranitidine-HCl by DRIFTS and XRPD. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001 , 25, 741-50	3.5	54
365	In vivo evaluation of chitosan as an adjuvant in subcutaneous vaccine formulations. <i>Vaccine</i> , 2013 , 31, 4812-9	4.1	53
364	Poly(alkylcyanoacrylate) nanoparticles for enhanced delivery of therapeutics - is there real potential?. <i>Expert Opinion on Drug Delivery</i> , 2009 , 6, 371-87	8	53
363	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, 335-42	5.7	53
362	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	5.1	51
361	The influence of various excipients on the conversion kinetics of carbamazepine polymorphs in aqueous suspension. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 193-201	4.8	51

360	Influence of polymorphic form, morphology, and excipient interactions on the dissolution of carbamazepine compacts. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 584-94	3.9	51
359	Polymeric microcontainers improve oral bioavailability of furosemide. <i>International Journal of Pharmaceutics</i> , 2016 , 504, 98-109	6.5	51
358	Spatial confinement can lead to increased stability of amorphous indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 81, 418-25	5.7	50
357	In-vitro release and oral bioactivity of insulin in diabetic rats using nanocapsules dispersed in biocompatible microemulsion. <i>Journal of Pharmacy and Pharmacology</i> , 2002 , 54, 473-80	4.8	50
356	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, 1181-7	7	50
355	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	18.5	49
354	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	5.1	49
353	Relaxation and crystallization of amorphous carbamazepine studied by terahertz pulsed spectroscopy. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 2703-9	3.9	49
352	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, 326-35	5.7	49
351	Monitoring tablet surface roughness during the film coating process. <i>AAPS PharmSciTech</i> , 2006 , 7, E1-E63.9		49
350	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, 771-80	5.7	48
349	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, 942-51	5.7	47
348	Hot Melt Extrusion and Spray Drying of Co-amorphous Indomethacin-Arginine With Polymers. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 302-312	3.9	47
347	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	3.5	47
346	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, 360-8	5.1	47
345	Investigation of the Formation Process of Two Piracetam Cocrystals during Grinding. <i>Pharmaceutics</i> , 2011 , 3, 706-22	6.4	46
344	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, 151-9	6.5	46
343	On the preparation, microscopic investigation and application of ISCOMs. <i>Micron</i> , 2006 , 37, 724-34	2.3	46

342	Pseudo-ternary phase diagrams of aqueous mixtures of Quil A, cholesterol and phospholipid prepared by the lipid-film hydration method. <i>International Journal of Pharmaceutics</i> , 2004 , 270, 229-39	6.5	45
341	Improvement of dissolution rate of indomethacin by inkjet printing. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 75, 91-100	5.1	44
340	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, 107-17	11.7	44
339	The Precipitation Behavior of Poorly Water-Soluble Drugs with an Emphasis on the Digestion of Lipid Based Formulations. <i>Pharmaceutical Research</i> , 2016 , 33, 548-62	4.5	44
338	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, 145-51	5.7	44
337	Dose-related effects of lauric acid on antropyloroduodenal motility, gastrointestinal hormone release, appetite, and energy intake in healthy men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 289, R1090-8	3.2	44
336	Performance comparison between crystalline and co-amorphous salts of indomethacin-lysine. <i>International Journal of Pharmaceutics</i> , 2017 , 533, 138-144	6.5	43
335	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	11.7	43
334	Chitosan hydrogels containing liposomes and cubosomes as particulate sustained release vaccine delivery systems. <i>Journal of Liposome Research</i> , 2012 , 22, 193-204	6.1	43
333	Comparison of chitosan nanoparticles and chitosan hydrogels for vaccine delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2010 , 60, 1591-1600	4.8	42
332	Melt extrusion and spray drying of carbamazepine and dipyridamole with polyvinylpyrrolidone/vinyl acetate copolymers. <i>Drug Development and Industrial Pharmacy</i> , 2008 , 34, 95-106	3.6	42
331	Influence of sample characteristics on quantification of carbamazepine hydrate formation by X-ray powder diffraction and Raman spectroscopy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007 , 66, 466-74	5.7	42
330	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	3.6	41
329	Recent advances and potential applications of modulated differential scanning calorimetry (mDSC) in drug development. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 87, 164-73	5.1	41
328	Amorphous drugs and dosage forms. <i>Journal of Drug Delivery Science and Technology</i> , 2013 , 23, 403-408	4.5	41
327	The application of MALDI TOF MS in biopharmaceutical research. <i>International Journal of Pharmaceutics</i> , 2011 , 417, 70-82	6.5	41
326	Solid-state transition mechanism in carbamazepine polymorphs by time-resolved terahertz spectroscopy. <i>ChemPhysChem</i> , 2007 , 8, 1924-7	3.2	41
325	Effects of lauric acid on upper gut motility, plasma cholecystokinin and peptide YY, and energy intake are load, but not concentration, dependent in humans. <i>Journal of Physiology</i> , 2007 , 581, 767-77	3.9	41

324	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	4.8	41
323	Influence of particle size and preparation methods on the physical and chemical stability of amorphous simvastatin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 71, 64-70	5.7	40
322	Comparison of the structure and properties of liposomes prepared from milk fat globule membrane and soy phospholipids. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 3704-11	5.7	40
321	Investigations on the effect of different cooling rates on the stability of amorphous indomethacin. <i>European Journal of Pharmaceutical Sciences</i> , 2011 , 44, 341-50	5.1	39
320	Thermotropic liquid crystalline drugs. <i>Journal of Pharmacy and Pharmacology</i> , 2005 , 57, 807-16	4.8	39
319	Chitosan-magnesium aluminum silicate composite dispersions: characterization of rheology, flocculate size and zeta potential. <i>International Journal of Pharmaceutics</i> , 2008 , 351, 227-35	6.5	39
318	Commentary: Towards Physico-Relevant Dissolution Testing: The Importance of Solid-State Analysis in Dissolution. <i>Dissolution Technologies</i> , 2009 , 16, 47-54	1.7	39
317	Studying the Propensity of Compounds to Supersaturate: A Practical and Broadly Applicable Approach. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 3021-3029	3.9	39
316	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> , 2018 , 15, 2036-2044	5.6	38
315	Influence of variation in molar ratio on co-amorphous drug-amino acid systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 107, 32-9	5.7	38
314	In Situ Lipolysis and Synchrotron Small-Angle X-ray Scattering for the Direct Determination of the Precipitation and Solid-State Form of a Poorly Water-Soluble Drug During Digestion of a Lipid-Based Formulation. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 2631-2639	3.9	38
313	Protein delivery using nanoparticles based on microemulsions with different structure-types. <i>European Journal of Pharmaceutical Sciences</i> , 2008 , 33, 434-44	5.1	38
312	Hydration of lipid films with an aqueous solution of Quil A: a simple method for the preparation of immune-stimulating complexes. <i>International Journal of Pharmaceutics</i> , 2000 , 196, 135-9	6.5	38
311	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	6.5	38
310	A method for the incorporation of ovalbumin into immune stimulating complexes prepared by the hydration method. <i>International Journal of Pharmaceutics</i> , 2002 , 241, 385-9	6.5	37
309	Co-former selection for co-amorphous drug-amino acid formulations. <i>International Journal of Pharmaceutics</i> , 2019 , 557, 366-373	6.5	37
308	Monitoring the film coating unit operation and predicting drug dissolution using terahertz pulsed imaging. <i>Journal of Pharmaceutical Sciences</i> , 2009 , 98, 4866-76	3.9	36
307	In vivo activity of cationic immune stimulating complexes (PLUSCOMs). <i>Vaccine</i> , 2008 , 26, 4549-56	4.1	36

306	Immunostimulatory colloidal delivery systems for cancer vaccines. <i>Expert Opinion on Drug Delivery</i> , 2006 , 3, 345-54	8	36
305	Powder diffractometric assay of two polymorphic forms of ranitidine hydrochloride. <i>International Journal of Pharmaceutics</i> , 1999 , 184, 107-14	6.5	36
304	Comparison of lipases for in vitro models of gastric digestion: lipolysis using two infant formulas as model substrates. <i>Food and Function</i> , 2016 , 7, 3989-3998	6.1	35
303	Use of low-frequency Raman spectroscopy and chemometrics for the quantification of crystallinity in amorphous griseofulvin tablets. <i>Vibrational Spectroscopy</i> , 2015 , 77, 10-16	2.1	35
302	Chitosan-magnesium aluminum silicate nanocomposite films: physicochemical characterization and drug permeability. <i>International Journal of Pharmaceutics</i> , 2010 , 393, 219-29	6.5	35
301	Characterizing the freezing behavior of liposomes as a tool to understand the cryopreservation procedures. <i>Cryobiology</i> , 2007 , 55, 210-21	2.7	35
300	Application of spray-drying and electrospraying/electrospinning for poorly water-soluble drugs: a particle engineering approach. <i>Current Pharmaceutical Design</i> , 2014 , 20, 325-48	3.3	35
299	Application of an online post-column derivatization HPLC-DPPH assay to detect compounds responsible for antioxidant activity in <i>Sonchus oleraceus</i> L. leaf extracts. <i>Journal of Pharmacy and Pharmacology</i> , 2013 , 65, 271-9	4.8	34
298	Terahertz pulsed imaging as an advanced characterisation tool for film coatings--a review. <i>International Journal of Pharmaceutics</i> , 2013 , 457, 510-20	6.5	34
297	Quantification of Process Induced Disorder in Milled Samples Using Different Analytical Techniques. <i>Pharmaceutics</i> , 2010 , 2, 30-49	6.4	34
296	Quantification of binary polymorphic mixtures of ranitidine hydrochloride using NIR spectroscopy. <i>Vibrational Spectroscopy</i> , 2006 , 41, 225-231	2.1	34
295	Influence of PVP/VA copolymer composition on drug-polymer solubility. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 85, 10-7	5.1	33
294	Effect of different preparation methods on the dissolution behaviour of amorphous indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 80, 459-64	5.7	33
293	Novel chitosan-magnesium aluminum silicate nanocomposite film coatings for modified-release tablets. <i>International Journal of Pharmaceutics</i> , 2011 , 407, 132-41	6.5	33
292	A theoretical and spectroscopic study of carbamazepine polymorphs. <i>Journal of Raman Spectroscopy</i> , 2004 , 35, 401-408	2.3	33
291	Polymer incorporation method affects the physical stability of amorphous indomethacin in aqueous suspension. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 96, 32-43	5.7	32
290	Characterization and in vitro permeation study of microemulsions and liquid crystalline systems containing the anticholinesterase alkaloidal extract from <i>Tabernaemontana divaricata</i> . <i>International Journal of Pharmaceutics</i> , 2013 , 452, 201-10	6.5	32
289	Factors affecting incorporation of drug into solid solution with HPMCP during solvent change co-precipitation. <i>International Journal of Pharmaceutics</i> , 2002 , 245, 99-108	6.5	32

288	Formation of drug nanocrystals under nanoconfinement afforded by liposomes. <i>RSC Advances</i> , 2016 , 6, 6223-6233	3.7	31
287	In situ amorphisation of indomethacin with Eudragit [®] E during dissolution. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 1259-65	5.7	31
286	Characterization of Amorphous and Co-Amorphous Simvastatin Formulations Prepared by Spray Drying. <i>Molecules</i> , 2015 , 20, 21532-48	4.8	31
285	Characterisation of colloidal drug delivery systems from the naked eye to Cryo-FESEM. <i>Micron</i> , 2007 , 38, 796-803	2.3	31
284	Development of a high-throughput in vitro intestinal lipolysis model for rapid screening of lipid-based drug delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 94, 493-500	5.7	30
283	Modified thermoresponsive Poloxamer 407 and chitosan sol-gels as potential sustained-release vaccine delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 89, 74-81	5.7	30
282	Evaluation of drug-polymer solubility curves through formal statistical analysis: comparison of preparation techniques. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 44-51	3.9	30
281	Interlaboratory Validation of Small-Scale Solubility and Dissolution Measurements of Poorly Water-Soluble Drugs. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 2864-2872	3.9	30
280	The Effect of Digestion and Drug Load on Halofantrine Absorption from Self-nanoemulsifying Drug Delivery System (SNEDDS). <i>AAPS Journal</i> , 2016 , 18, 180-6	3.7	30
279	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> , 2018 , 130, 290-295	5.7	30
278	The Role of Glass Transition Temperatures in Coamorphous Drug-Amino Acid Formulations. <i>Molecular Pharmaceutics</i> , 2018 , 15, 4247-4256	5.6	30
277	Application of terahertz pulsed imaging to analyse film coating characteristics of sustained-release coated pellets. <i>International Journal of Pharmaceutics</i> , 2013 , 457, 521-6	6.5	30
276	"This body does not want free medicines": South African consumer perceptions of drug quality. <i>Health Policy and Planning</i> , 2010 , 25, 61-9	3.4	30
275	Investigating dehydration from compacts using terahertz pulsed, Raman, and near-infrared spectroscopy. <i>Applied Spectroscopy</i> , 2007 , 61, 1265-74	3.1	30
274	Are phytosomes a superior nanodelivery system for the antioxidant rutin?. <i>International Journal of Pharmaceutics</i> , 2018 , 548, 82-91	6.5	30
273	Transdermal delivery of hydrophobic and hydrophilic local anesthetics from o/w and w/o Brij 97-based microemulsions. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2007 , 10, 288-98	3.4	30
272	Microcontainers as an oral delivery system for spray dried cubosomes containing ovalbumin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 118, 13-20	5.7	29
271	Lipid-Based Formulations Can Enable the Model Poorly Water-Soluble Weakly Basic Drug Cinnarizine To Precipitate in an Amorphous-Salt Form During In Vitro Digestion. <i>Molecular Pharmaceutics</i> , 2016 , 13, 3783-3793	5.6	29

270	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	5.7	29
269	Quality of generic medicines in South Africa: perceptions versus reality - a qualitative study. <i>BMC Health Services Research</i> , 2012 , 12, 297	2.9	29
268	Assessment of crystalline disorder in cryo-milled samples of indomethacin using atomic pair-wise distribution functions. <i>International Journal of Pharmaceutics</i> , 2011 , 417, 112-9	6.5	29
267	Deeper insight into the drug release mechanisms in Eudragit RL-based delivery systems. <i>International Journal of Pharmaceutics</i> , 2010 , 389, 139-46	6.5	29
266	Comparison of two DSC-based methods to predict drug-polymer solubility. <i>International Journal of Pharmaceutics</i> , 2018 , 540, 98-105	6.5	28
265	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> , 2018 , 124, 116-124	5.7	28
264	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> , 2019 , 555, 595-606	9.3	28
263	A new approach to dissolution testing by UV imaging and finite element simulations. <i>Pharmaceutical Research</i> , 2013 , 30, 1328-37	4.5	28
262	pH-triggered drug release from biodegradable microwells for oral drug delivery. <i>Biomedical Microdevices</i> , 2015 , 17, 9958	3.7	28
261	Investigating dissolution performance critical areas on coated tablets: a case study using terahertz pulsed imaging. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 392-402	3.9	28
260	Quantification of microwave-induced amorphization of celecoxib in PVP tablets using transmission Raman spectroscopy. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 117, 62-67	5.1	27
259	Glass Forming Ability of Amorphous Drugs Investigated by Continuous Cooling and Isothermal Transformation. <i>Molecular Pharmaceutics</i> , 2016 , 13, 3318-25	5.6	27
258	Influence of the cooling rate and the blend ratio on the physical stability of co-amorphous naproxen/indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 109, 140-148	5.7	27
257	Quil A-lipid powder formulations releasing ISCOMs and related colloidal structures upon hydration. <i>Journal of Controlled Release</i> , 2005 , 103, 45-59	11.7	27
256	Applying thermodynamic and kinetic parameters to predict the physical stability of two differently prepared amorphous forms of simvastatin. <i>Current Drug Delivery</i> , 2009 , 6, 374-82	3.2	27
255	Preparation and recrystallization behavior of spray-dried co-amorphous naproxen-indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 104, 72-81	5.7	27
254	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. <i>Molecular Pharmaceutics</i> , 2015 , 12, 4067-76	5.6	26
253	In Vivo Precipitation of Poorly Soluble Drugs from Lipid-Based Drug Delivery Systems. <i>Molecular Pharmaceutics</i> , 2016 , 13, 3417-3426	5.6	26

252	Biorelevant characterisation of amorphous furosemide salt exhibits conversion to a furosemide hydrate during dissolution. <i>International Journal of Pharmaceutics</i> , 2013 , 457, 14-24	6.5	26
251	Exploring the fate of liposomes in the intestine by dynamic in vitro lipolysis. <i>International Journal of Pharmaceutics</i> , 2012 , 437, 253-63	6.5	26
250	Effects of meal consistency and ingested fluid volume on the intragastric distribution of a drug model in humans--a magnetic resonance imaging study. <i>Alimentary Pharmacology and Therapeutics</i> , 2002 , 16, 217-24	6.1	26
249	Ranitidine hydrochloride X-ray assay using a neural network. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000 , 22, 985-92	3.5	26
248	Use of artificial neural networks to predict quaternary phase systems from limited experimental data. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1999 , 19, 443-52	3.5	26
247	Amorphization within the tablet: Using microwave irradiation to form a glass solution in situ. <i>International Journal of Pharmaceutics</i> , 2017 , 519, 343-351	6.5	25
246	Glass solution formation in water - In situ amorphization of naproxen and ibuprofen with Eudragit [®] E PO. <i>Journal of Drug Delivery Science and Technology</i> , 2016 , 34, 32-40	4.5	25
245	Inhibition of surface crystallisation of amorphous indomethacin particles in physical drug-polymer mixtures. <i>International Journal of Pharmaceutics</i> , 2013 , 456, 301-6	6.5	25
244	Immunogenicity of liposomes containing lipid core peptides and the adjuvant Quil A. <i>Pharmaceutical Research</i> , 2006 , 23, 1473-81	4.5	25
243	Cationic cage-like complexes formed by DC-cholesterol, Quil-A, and phospholipid. <i>Journal of Pharmaceutical Sciences</i> , 2005 , 94, 1794-807	3.9	25
242	Effect of polymer type and drug dose on the in vitro and in vivo behavior of amorphous solid dispersions. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 105, 106-14	5.7	25
241	Microcontainers for protection of oral vaccines, in vitro and in vivo evaluation. <i>Journal of Controlled Release</i> , 2019 , 294, 91-101	11.7	25
240	The effect of surfactants on the dissolution behavior of amorphous formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 103, 13-22	5.7	24
239	Solvent change co-precipitation with hydroxypropyl methylcellulose phthalate to improve dissolution characteristics of a poorly water-soluble drug. <i>Journal of Pharmacy and Pharmacology</i> , 2002 , 54, 1041-7	4.8	24
238	Immunostimulatory biodegradable implants containing the adjuvant Quil-A--Part II: In vivo evaluation. <i>Journal of Drug Targeting</i> , 2008 , 16, 224-32	5.4	24
237	Influence of drug load and physical form of cinnarizine in new SNEDDS dosing regimens: in vivo and in vitro evaluations. <i>AAPS Journal</i> , 2017 , 19, 587-594	3.7	23
236	Inhalable co-amorphous budesonide-arginine dry powders prepared by spray drying. <i>International Journal of Pharmaceutics</i> , 2019 , 565, 1-8	6.5	23
235	Influence of PVP molecular weight on the microwave assisted in situ amorphization of indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 122, 62-69	5.7	23

234	Aspartame as a co-former in co-amorphous systems. <i>International Journal of Pharmaceutics</i> , 2018 , 549, 380-387	6.5	23
233	Probing Pharmaceutical Mixtures during Milling: The Potency of Low-Frequency Raman Spectroscopy in Identifying Disorder. <i>Molecular Pharmaceutics</i> , 2017 , 14, 4675-4684	5.6	23
232	The impact of surface- and nano-crystallisation on the detected amorphous content and the dissolution behaviour of amorphous indomethacin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 82, 187-93	5.7	23
231	Effect of incorporation of the adjuvant Quil A on structure and immune stimulatory capacity of liposomes. <i>Immunology and Cell Biology</i> , 2004 , 82, 547-54	5	23
230	Microcontainers for oral insulin delivery - In vitro studies of permeation enhancement. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 143, 98-105	5.7	22
229	Hyaluronic acid-based nanogels improve in vivo compatibility of the anti-biofilm peptide DJK-5. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 20, 102022	6	22
228	Is there a correlation between the glass forming ability of a drug and its supersaturation propensity?. <i>International Journal of Pharmaceutics</i> , 2018 , 538, 243-249	6.5	22
227	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> , 2018 , 111, 311-319	5.1	22
226	Formulation and characterization of self-nanoemulsifying drug delivery systems containing monoacyl phosphatidylcholine. <i>International Journal of Pharmaceutics</i> , 2016 , 502, 151-60	6.5	22
225	Polymorphic form of piroxicam influences the performance of amorphous material prepared by ball-milling. <i>International Journal of Pharmaceutics</i> , 2012 , 429, 69-77	6.5	22
224	Structural elucidation of rapid solution-mediated phase transitions in pharmaceutical solids using in situ synchrotron SAXS/WAXS. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2787-91	5.6	22
223	Phosphatidyl choline-based colloidal systems for dermal and transdermal drug delivery. <i>Journal of Liposome Research</i> , 2009 , 19, 267-77	6.1	22
222	A comparison of pseudo-ternary diagrams of aqueous mixtures of Quil A, cholesterol and phospholipid prepared by lipid-film hydration and dialysis. <i>Journal of Pharmacy and Pharmacology</i> , 2004 , 56, 573-80	4.8	22
221	Immuno-stimulating complexes prepared by ethanol injection. <i>Journal of Pharmacy and Pharmacology</i> , 2005 , 57, 729-33	4.8	22
220	Aerosol OT microemulsions as carriers for transdermal delivery of hydrophobic and hydrophilic local anesthetics. <i>Drug Delivery</i> , 2008 , 15, 323-30	7	22
219	Physical stability and solubility of the thermotropic mesophase of fenoprofen calcium as pure drug and in a tablet formulation. <i>International Journal of Pharmaceutics</i> , 2002 , 247, 147-57	6.5	22
218	Evaluating the effect of coating equipment on tablet film quality using terahertz pulsed imaging. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 1095-102	5.7	21
217	Anti-ageing effects of <i>Sonchus oleraceus</i> L. (pī) leaf extracts on H ₂ O ₂ induced cell senescence. <i>Molecules</i> , 2015 , 20, 4548-64	4.8	21

216	High-shear granulation as a manufacturing method for cocrystal granules. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 85, 1019-30	5.7	21
215	Characterizing an Amorphous System Exhibiting Trace Crystallinity: A Case Study with Saquinavir. <i>Crystal Growth and Design</i> , 2008 , 8, 119-127	3.5	21
214	Monitoring the intragastric distribution of a colloidal drug carrier model by magnetic resonance imaging460. <i>Pharmaceutical Research</i> , 2001 , 18, 460-6	4.5	21
213	In vitro and in vivo performance of monoacyl phospholipid-based self-emulsifying drug delivery systems. <i>Journal of Controlled Release</i> , 2017 , 255, 45-53	11.7	20
212	The use of molecular descriptors in the development of co-amorphous formulations. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 119, 31-38	5.1	20
211	Influence of Copolymer Composition on In Vitro and In Vivo Performance of Celecoxib-PVP/VA Amorphous Solid Dispersions. <i>AAPS Journal</i> , 2016 , 18, 416-23	3.7	20
210	Spray dried cubosomes with ovalbumin and Quil-A as a nanoparticulate dry powder vaccine formulation. <i>International Journal of Pharmaceutics</i> , 2018 , 550, 35-44	6.5	20
209	Spray-drying of inhalable, multifunctional formulations for the treatment of biofilms formed in cystic fibrosis. <i>Journal of Controlled Release</i> , 2019 , 314, 62-71	11.7	20
208	Characterization of chitosan-magnesium aluminum silicate nanocomposite films for buccal delivery of nicotine. <i>International Journal of Biological Macromolecules</i> , 2013 , 55, 24-31	7.9	20
207	Investigations on the micellisation behaviour of fenopufen sodium. <i>International Journal of Pharmaceutics</i> , 1997 , 159, 215-222	6.5	20
206	Solid Lipid Nanoparticles 2006 , 41-50		20
205	Entrapment of bioactive molecules in poly (alkylcyanoacrylate) nanoparticles. <i>American Journal of Drug Delivery</i> , 2004 , 2, 251-259		20
204	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> , 2019 , 16, 1294-1304	5.6	20
203	Development and characterization of clove oil nanoemulsions and self-microemulsifying drug delivery systems. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 46, 330-338	4.5	20
202	Anhydrate to hydrate solid-state transformations of carbamazepine and nitrofurantoin in biorelevant media studied in situ using time-resolved synchrotron X-ray diffraction. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016 , 100, 119-27	5.7	19
201	Unintended and in situ amorphisation of pharmaceuticals. <i>Advanced Drug Delivery Reviews</i> , 2016 , 100, 126-32	18.5	19
200	Unravelling the relationship between degree of disorder and the dissolution behavior of milled glibenclamide. <i>Molecular Pharmaceutics</i> , 2014 , 11, 234-42	5.6	19
199	Melt Extrusion of High-Dose Co-Amorphous Drug-Drug Combinations : Theme: Formulation and Manufacturing of Solid Dosage Forms Guest Editors: Tony Zhou and Tonglei Li. <i>Pharmaceutical Research</i> , 2017 , 34, 2689-2697	4.5	19

198	Release and bioactivity of PACA nanoparticles containing D-LysE GnRH for brushtail possum fertility control. <i>Journal of Controlled Release</i> , 2011 , 149, 307-13	11.7	19
197	Characterisation of quaternary polymethacrylate films containing tartaric acid, metoprolol free base or metoprolol tartrate. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2009 , 73, 366-72	5.7	19
196	Immunostimulatory biodegradable implants containing the adjuvant Quil-A--Part I: Physicochemical characterisation. <i>Journal of Drug Targeting</i> , 2008 , 16, 213-23	5.4	19
195	Incorporation of ovalbumin into ISCOMs and related colloidal particles prepared by the lipid film hydration method. <i>International Journal of Pharmaceutics</i> , 2004 , 278, 263-74	6.5	19
194	A new method for the determination of the unfrozen matrix concentration and the maximal freeze-concentration. <i>Thermochimica Acta</i> , 2003 , 401, 159-168	2.9	19
193	A Promising New Method to Estimate Drug-Polymer Solubility at Room Temperature. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 2621-2624	3.9	19
192	In vitro and in vivo comparison between crystalline and co-amorphous salts of naproxen-arginine. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 132, 192-199	5.7	19
191	Influence of preparation technique on co-amorphization of carvedilol with acidic amino acids. <i>International Journal of Pharmaceutics</i> , 2018 , 552, 407-413	6.5	19
190	The Influence of Polymers on the Supersaturation Potential of Poor and Good Glass Formers. <i>Pharmaceutics</i> , 2018 , 10,	6.4	19
189	Formulation of self-nanoemulsifying drug delivery systems containing monoacyl phosphatidylcholine and Kolliphor RH40 using experimental design. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018 , 13, 536-545	9	18
188	Simple measurements for prediction of drug release from polymer matrices - Solubility parameters and intrinsic viscosity. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 92, 1-7	5.7	18
187	Theoretical Considerations in Developing Amorphous Solid Dispersions. <i>Advances in Delivery Science and Technology</i> , 2014 , 35-90		18
186	Thermal degradation of amorphous glibenclamide. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 80, 203-8	5.7	18
185	Recent developments in oral lipid-based drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2013 , 23, 375-382	4.5	18
184	Analysis of matrix dosage forms during dissolution testing using raman microscopy. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 4452-9	3.9	18
183	Advances in Lipid-Based Subunit Vaccine Formulations. <i>Current Immunology Reviews</i> , 2009 , 5, 42-48	1.3	18
182	Analysis of lecithin-cholesterol mixtures using Raman spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 476-84	3.5	18
181	Inhalable Antimicrobials for Treatment of Bacterial Biofilm-Associated Sinusitis in Cystic Fibrosis Patients: Challenges and Drug Delivery Approaches. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	18

180	Dipeptides as co-formers in co-amorphous systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 134, 68-76	5.7	18
179	Solid state properties and drug release behavior of co-amorphous indomethacin-arginine tablets coated with Kollicoat [®] Protect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 119, 150-160	5.7	17
178	Influence of Glass Forming Ability on the Physical Stability of Supersaturated Amorphous Solid Dispersions. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 2561-2569	3.9	17
177	The influence of co-formers on the dissolution rates of co-amorphous sulfamerazine/excipient systems. <i>International Journal of Pharmaceutics</i> , 2016 , 504, 20-6	6.5	17
176	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> , 2019 , 142, 258-264	5.7	17
175	Distribution of binder in granules produced by means of twin screw granulation. <i>International Journal of Pharmaceutics</i> , 2014 , 462, 8-10	6.5	17
174	A case study of real-time monitoring of solid-state phase transformations in acoustically levitated particles using near infrared and Raman spectroscopy. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 48, 97-103	5.1	17
173	Stabilisation of amorphous furosemide increases the oral drug bioavailability in rats. <i>International Journal of Pharmaceutics</i> , 2015 , 490, 334-40	6.5	17
172	The synthesis and immune stimulating action of mannose-capped lysine-based dendrimers. <i>Tetrahedron</i> , 2009 , 65, 2939-2950	2.4	17
171	Amino acids as stabilizers for spray-dried simvastatin powder for inhalation. <i>International Journal of Pharmaceutics</i> , 2019 , 572, 118724	6.5	17
170	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> , 2019 , 140, 29-39	5.7	16
169	Simultaneous investigation of the liquid transport and swelling performance during tablet disintegration. <i>International Journal of Pharmaceutics</i> , 2020 , 584, 119380	6.5	16
168	A novel image analysis methodology for online monitoring of nucleation and crystal growth during solid state phase transformations. <i>International Journal of Pharmaceutics</i> , 2012 , 433, 60-70	6.5	16
167	Solvent-mediated amorphous-to-crystalline transformation of nitrendipine in amorphous particle suspensions containing polymers. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 46, 446-54	5.1	16
166	Miscibility and interactions between 17beta-estradiol and Eudragit RS in solid dispersion. <i>Journal of Pharmaceutical Sciences</i> , 2008 , 97, 4879-88	3.9	16
165	Analysis of solid-state transformations of pharmaceutical compounds using vibrational spectroscopy. <i>Journal of Pharmacy and Pharmacology</i> , 2009 , 61, 971-88	4.8	16
164	Data-enriched edible pharmaceuticals (DEEP) of medical cannabis by inkjet printing. <i>International Journal of Pharmaceutics</i> , 2020 , 589, 119866	6.5	16
163	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,	6.4	16

162	Direct Measurement of Amorphous Solubility. <i>Analytical Chemistry</i> , 2019 , 91, 7411-7417	7.8	15
161	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> , 2018 , 111, 549-555	5.1	15
160	Determination of moisture content in relation to thermal behaviour and plasticization of Eudragit RLPO. <i>International Journal of Pharmaceutics</i> , 2012 , 422, 68-74	6.5	15
159	Electron and light microscopical investigation of defect structures in mesophases of pharmaceutical substances. <i>Colloid and Polymer Science</i> , 1997 , 275, 1169-1178	2.4	15
158	Cage-like complexes formed by DOTAP, Quil-A and cholesterol. <i>International Journal of Pharmaceutics</i> , 2007 , 332, 192-5	6.5	15
157	Influence of preparation pathway on the glass forming ability. <i>International Journal of Pharmaceutics</i> , 2017 , 521, 232-238	6.5	14
156	Differential scanning calorimetry predicts the critical quality attributes of amorphous glibenclamide. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 80, 74-81	5.1	14
155	Supersaturation of zafirlukast in fasted and fed state intestinal media with and without precipitation inhibitors. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 91, 31-9	5.1	14
154	Multispectral UV imaging for fast and non-destructive quality control of chemical and physical tablet attributes. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 90, 85-95	5.1	14
153	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> , 2019 , 555, 438-448	9.3	14
152	Low-Frequency Raman Spectroscopic Study on Compression-Induced Destabilization in Melt-Quenched Amorphous Celecoxib. <i>Molecular Pharmaceutics</i> , 2019 , 16, 3678-3686	5.6	14
151	Investigation of the phase separation of PNIPAM using infrared spectroscopy together with multivariate data analysis. <i>Polymer</i> , 2013 , 54, 6947-6953	3.9	14
150	Rapid insight into heating-induced phase transformations in the solid state of the calcium salt of atorvastatin using multivariate data analysis. <i>Pharmaceutical Research</i> , 2013 , 30, 826-35	4.5	14
149	Towards characterization and identification of solid state pharmaceutical mixtures through second harmonic generation. <i>Journal of Pharmaceutical Sciences</i> , 2006 , 95, 761-8	3.9	14
148	Amorphous is not always better-A dissolution study on solid state forms of carbamazepine. <i>International Journal of Pharmaceutics</i> , 2017 , 522, 74-79	6.5	13
147	Nanomechanical Infrared Spectroscopy with Vibrating Filters for Pharmaceutical Analysis. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3901-3905	16.4	13
146	Influence of Solvent Composition on the Performance of Spray-Dried Co-Amorphous Formulations. <i>Pharmaceutics</i> , 2018 , 10,	6.4	13
145	Chemical imaging and solid state analysis at compact surfaces using UV imaging. <i>International Journal of Pharmaceutics</i> , 2014 , 477, 527-35	6.5	13

144	Atomic pairwise distribution function analysis of the amorphous phase prepared by different manufacturing routes. <i>Pharmaceutics</i> , 2012 , 4, 93-103	6.4	13
143	Cryo-responses of two types of large unilamellar vesicles in the presence of non-permeable or permeable cryoprotecting agents. <i>Cryobiology</i> , 2008 , 57, 276-85	2.7	13
142	Preparation of poly (alkylcyanoacrylate) nanoparticles by polymerization of water-free microemulsions. <i>Journal of Microencapsulation</i> , 2006 , 23, 499-512	3.4	13
141	Determination of the optical second harmonic response of pharmaceutical solid-solid mixtures. <i>Optics and Lasers in Engineering</i> , 2005 , 43, 209-220	4.6	13
140	Insights into the Structure of Protein by Vibrational Spectroscopy. <i>Current Pharmaceutical Analysis</i> , 2008 , 4, 53-68	0.6	13
139	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> , 2020 , 575, 118960	6.5	13
138	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> , 2018 , 133, 151-160	5.7	13
137	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> , 2019 , 1, 100030	3.2	12
136	Efflux Inhibitor Bicalutamide Increases Oral Bioavailability of the Poorly Soluble Efflux Substrate Docetaxel in Co-Amorphous Anti-Cancer Combination Therapy. <i>Molecules</i> , 2019 , 24,	4.8	12
135	Determination of the Optimal Molar Ratio in Amino Acid-Based Coamorphous Systems. <i>Molecular Pharmaceutics</i> , 2020 , 17, 1335-1342	5.6	12
134	Nicotine-magnesium aluminum silicate microparticle surface modified with chitosan for mucosal delivery. <i>Materials Science and Engineering C</i> , 2013 , 33, 1727-36	8.3	12
133	Mannosylated saponins based on oleanolic and glycyrrhizic acids. Towards synthetic colloidal antigen delivery systems. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 5207-18	3.4	12
132	Immunostimulatory lipid implants containing Quil-A and DC-cholesterol. <i>International Journal of Pharmaceutics</i> , 2008 , 363, 91-8	6.5	12
131	Influence of hydrogenated starch hydrolysates on the glass transition and crystallisation of sugar alcohols. <i>Food Research International</i> , 2004 , 37, 409-415	7	12
130	Determination of Stable Co-Amorphous Drug-Drug Ratios from the Eutectic Behavior of Crystalline Physical Mixtures. <i>Pharmaceutics</i> , 2019 , 11,	6.4	12
129	Improvement of the physicochemical properties of Co-amorphous naproxen-indomethacin by naproxen-sodium. <i>International Journal of Pharmaceutics</i> , 2017 , 526, 88-94	6.5	11
128	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> , 2017 , 108, 62-70	5.1	11
127	Self-microemulsifying drug delivery system and nanoemulsion for enhancing aqueous miscibility of <i>Alpinia galanga</i> oil. <i>PLoS ONE</i> , 2017 , 12, e0188848	3.7	11

126	Statistical Analysis of a Method to Predict Drug-Polymer Miscibility. <i>Journal of Pharmaceutical Sciences</i> , 2016 , 105, 362-7	3.9	11
125	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. <i>Drug Delivery and Translational Research</i> , 2014 , 4, 268-74	6.2	11
124	The influence of pressure on the intrinsic dissolution rate of amorphous indomethacin. <i>Pharmaceutics</i> , 2014 , 6, 481-93	6.4	11
123	Measurement of amorphous indomethacin stability with NIR and Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2012 , 58, 19-26	2.1	11
122	Stabilized Amorphous Solid Dispersions with Small Molecule Excipients. <i>Advances in Delivery Science and Technology</i> , 2014 , 613-636		11
121	Histidine residues in the peptide D-Lys(6)-GnRH: potential for copolymerization in polymeric nanoparticles. <i>Molecular Pharmaceutics</i> , 2009 , 6, 1483-91	5.6	11
120	Partial characterization of different mixtures of solids by measuring the optical nonlinear response. <i>Journal of Pharmaceutical Sciences</i> , 2004 , 93, 733-42	3.9	11
119	Comparison of chitosan nanoparticles and chitosan hydrogels for vaccine delivery. <i>Journal of Pharmacy and Pharmacology</i> , 2008 , 60, 1591-600	4.8	11
118	Current advances and future trends in characterizing poorly water-soluble drugs using spectroscopic, imaging and data analytical techniques. <i>Current Pharmaceutical Design</i> , 2014 , 20, 436-53	3.3	11
117	Solving the Computational Puzzle: Toward a Pragmatic Pathway for Modeling Low-Energy Vibrational Modes of Pharmaceutical Crystals. <i>Crystal Growth and Design</i> , 2020 , 20, 6947-6955	3.5	11
116	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> , 2018 , 285, 12-22	11.7	11
115	Investigation of the Intra- and Interlaboratory Reproducibility of a Small Scale Standardized Supersaturation and Precipitation Method. <i>Molecular Pharmaceutics</i> , 2017 , 14, 4161-4169	5.6	10
114	Characterising glass transition temperatures and glass dynamics in mesoporous silica-based amorphous drugs. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 19686-19694	3.6	10
113	Design of Inhalable Solid Dosage Forms of Budesonide and Theophylline for Pulmonary Combination Therapy. <i>AAPS PharmSciTech</i> , 2019 , 20, 137	3.9	10
112	In Vitro, Ex Vivo and In Vivo Evaluation of Microcontainers for Oral Delivery of Insulin. <i>Pharmaceutics</i> , 2020 , 12,	6.4	10
111	Importance of in vitro dissolution conditions for the in vivo predictability of an amorphous solid dispersion containing a pH-sensitive carrier. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 324-331	6.5	10
110	Crystal morphology modification by the addition of tailor-made stereocontrolled poly(N-isopropyl acrylamide). <i>Molecular Pharmaceutics</i> , 2012 , 9, 1932-41	5.6	10
109	The Influence of Milling on the Dissolution Performance of Simvastatin. <i>Pharmaceutics</i> , 2010 , 2, 419-431	6.4	10

108	The use of quantum chemistry in pharmaceutical research as illustrated by case studies of indometacin and carbamazepine. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 271-7	4.8	10
107	Properties of the Sodium Naproxen-Lactose-Tetrahydrate Co-Crystal upon Processing and Storage. <i>Molecules</i> , 2016 , 21, 509	4.8	10
106	Process Optimization and Upscaling of Spray-Dried Drug-Amino acid Co-Amorphous Formulations. <i>Pharmaceutics</i> , 2019 , 11,	6.4	10
105	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> , 2019 , 558, 357-366	6.5	10
104	Biorelevant intrinsic dissolution profiling in early drug development: Fundamental, methodological, and industrial aspects. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 139, 101-114	5.7	9
103	Undesired co-amorphisation of indomethacin and arginine during combined storage at high humidity conditions. <i>International Journal of Pharmaceutics</i> , 2018 , 544, 172-180	6.5	9
102	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> , 2019 , 9, 194-201	15.5	9
101	Role of Polymeric Excipients in the Stabilization of Olanzapine when Exposed to Aqueous Environments. <i>Molecules</i> , 2015 , 20, 22364-82	4.8	9
100	Studies on the lipase-induced degradation of lipid-based drug delivery systems. Part II - Investigations on the mechanisms leading to collapse of the lipid structure. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013 , 84, 456-63	5.7	9
99	Interactions between fenoprofen sodium and poly (ethylene oxide). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 1998 , 46, 51-9	5.7	9
98	Analysis of Quil A-phospholipid mixtures using drift spectroscopy. <i>International Journal of Pharmaceutics</i> , 2007 , 342, 49-61	6.5	9
97	Visualizing solvent mediated phase transformation behavior of carbamazepine polymorphs by principal component analysis. <i>AAPS PharmSciTech</i> , 2008 , 9, 390-4	3.9	9
96	Application of pharmaceutical drug delivery for biological control of the common brushtail possum in New Zealand: a review. <i>Wildlife Research</i> , 2006 , 33, 679	1.8	9
95	Determination of unfrozen matrix concentrations at low temperatures using stepwise DSC. <i>Thermochimica Acta</i> , 2004 , 411, 43-51	2.9	9
94	Highly Elastic and Water Stable Zein Microfibers as a Potential Drug Delivery System for Wound Healing. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
93	Multispectral UV imaging for surface analysis of MUPS tablets with special focus on the pellet distribution. <i>International Journal of Pharmaceutics</i> , 2016 , 515, 374-383	6.5	9
92	Direct Comparison of Standard Transmission Electron Microscopy and Cryogenic-TEM in Imaging Nanocrystals Inside Liposomes. <i>Molecular Pharmaceutics</i> , 2019 , 16, 1775-1781	5.6	9
91	Solid State Characterization of Ciprofloxacin Liposome Nanocrystals. <i>Molecular Pharmaceutics</i> , 2019 , 16, 184-194	5.6	9

90	A Platform for Preparing Homogeneous Proteinaceous Subvisible Particles With Distinct Morphologies. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 1842-1851	3.9	8
89	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> , 2018 , 9, 898	8.4	8
88	Development of a Video-Microscopic Tool To Evaluate the Precipitation Kinetics of Poorly Water Soluble Drugs: A Case Study with Tadalafil and HPMC. <i>Molecular Pharmaceutics</i> , 2017 , 14, 4154-4160	5.6	8
87	Determination of methylphenidate in Calliphorid larvae by liquid-liquid extraction and liquid chromatography mass spectrometry--forensic entomotoxicology using an in vivo rat brain model. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 70, 456-61	3.5	8
86	Drug quality in South Africa: perceptions of key players involved in medicines distribution. <i>International Journal of Health Care Quality Assurance</i> , 2009 , 22, 547-60	1.3	8
85	Method of preparation does not affect the miscibility between steroid hormone and polymethacrylate. <i>Thermochimica Acta</i> , 2009 , 485, 57-64	2.9	8
84	Characterization of the bulk properties of pharmaceutical solids using nonlinear optics--a review. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 241-50	4.8	8
83	Influence of polymer addition on the amorphization, dissolution and physical stability of co-amorphous systems. <i>International Journal of Pharmaceutics</i> , 2020 , 588, 119768	6.5	8
82	Whey proteins as stabilizers in amorphous solid dispersions. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 128, 144-151	5.1	8
81	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> , 2020 , 151, 108-115	5.7	8
80	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> , 2019 , 136, 104961	5.1	7
79	Combining diagnostic methods for antimicrobial susceptibility testing - A comparative approach. <i>Journal of Microbiological Methods</i> , 2018 , 144, 177-185	2.8	7
78	Multivariate Quantification of the Solid State Phase Composition of Co-Amorphous Naproxen-Indomethacin. <i>Molecules</i> , 2015 , 20, 19571-87	4.8	7
77	Development of a novel magnetic resonance imaging contrast agent for pressure measurements using lipid-coated microbubbles. <i>Journal of Biomedical Nanotechnology</i> , 2009 , 5, 707-15	4	7
76	Comparison of induction methods for supersaturation: Amorphous dissolution versus solvent shift. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 152, 35-43	5.7	7
75	Design of a self-unfolding delivery concept for oral administration of macromolecules. <i>Journal of Controlled Release</i> , 2021 , 329, 948-954	11.7	7
74	Rapid Assessment of Tablet Film Coating Quality by Multispectral UV Imaging. <i>AAPS PharmSciTech</i> , 2016 , 17, 958-67	3.9	6
73	High-Throughput Lipolysis in 96-Well Plates for Rapid Screening of Lipid-Based Drug Delivery Systems. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 1183-1186	3.9	6

72	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> , 2017 , 34, 1716-1727	4.5	6
71	Imaging of dehydration in particulate matter using Raman line-focus microscopy. <i>Scientific Reports</i> , 2019 , 9, 7525	4.9	6
70	Image Analytical Approach for Needle-Shaped Crystal Counting and Length Estimation. <i>Crystal Growth and Design</i> , 2015 , 15, 4876-4885	3.5	6
69	Single particles as resonators for thermomechanical analysis. <i>Nature Communications</i> , 2020 , 11, 1235	17.4	6
68	Toward quality assessment of 3D printed oral dosage forms. <i>Journal of 3D Printing in Medicine</i> , 2018 , 2, 27-33	1.5	6
67	Synthesis, Formulation, and Adjuvanticity of Monodesmosidic Saponins with Olenanolic Acid, Hederagenin and Gypsogenin Aglycones, and some C-28 Ester Derivatives. <i>ChemistryOpen</i> , 2015 , 4, 740-753	5.3	6
66	Rapid and specific high-performance liquid chromatography for the in vitro quantification of D-Lys6-GnRH in a microemulsion-type formulation in the presence of peptide oxidation products. <i>Biomedical Chromatography</i> , 2010 , 24, 132-9	1.7	6
65	ISCOMs as a Vaccine Delivery System. <i>Advances in Delivery Science and Technology</i> , 2015 , 141-158		6
64	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> , 2020 , 317, 375-384	11.7	6
63	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> , 2020 , 587, 119662	6.5	6
62	Enhancing Stability and Tooth Bleaching Activity of Carbamide Peroxide by Electrospun Nanofibrous Film. <i>Pharmaceutics</i> , 2020 , 13,	5.2	6
61	Optimization of Infrared Microscopy to Assess Secondary Structure of Insulin Molecules Within Individual Subvisible Particles in Aqueous Formulations. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 1117-1129	3.9	6
60	Lysozyme-magnesium aluminum silicate microparticles: Molecular interaction, bioactivity and release studies. <i>International Journal of Biological Macromolecules</i> , 2015 , 80, 651-8	7.9	5
59	Direct Measurement of Lateral Molecular Diffusivity on the Surface of Supersaturated Amorphous Solid Dispersions by Atomic Force Microscopy. <i>Molecular Pharmaceutics</i> , 2020 , 17, 1715-1722	5.6	5
58	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> , 2020 , 323, 350-360	11.7	5
57	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> , 2019 , 555, 361-372	9.3	5
56	Acute oral administration of lauric acid reduces energy intake in healthy males. <i>E-SPEN Journal</i> , 2014 , 9, e69-e75		5
55	Physicochemical and biological characterization of synthetic phosphatidylinositol dimannosides and analogues. <i>Molecular Pharmaceutics</i> , 2013 , 10, 1928-39	5.6	5

54	Physical stability and enthalpy relaxation of drug-hydroxypropyl methylcellulose phthalate solvent change co-precipitates. <i>Journal of Pharmacy and Pharmacology</i> , 2003 , 55, 35-41	4.8	5
53	Swelling lecithin: cholesterol implants for the controlled release of proteins. <i>Journal of Liposome Research</i> , 2009 , 19, 37-48	6.1	5
52	Mechanical properties of excipients do not affect polymer matrix formation. <i>International Journal of Pharmaceutics</i> , 2010 , 384, 87-92	6.5	5
51	Predicting the drug release kinetics of matrix tablets. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2009 , 12, 261-277	1.3	5
50	Evaluation of the effects of spray drying parameters for producing cubosome powder precursors. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 135, 44-48	5.7	5
49	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> , 2021 , 156, 105582	5.1	5
48	Ultrasensitive Microstring Resonators for Solid State Thermomechanical Analysis of Small and Large Molecules. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17522-17531	16.4	5
47	Multispectral UV Imaging for Determination of the Tablet Coating Thickness. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 1560-1569	3.9	4
46	Using Potentiometric Free Drug Sensors to Determine the Free Concentration of Ionizable Drugs in Colloidal Systems. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 103-112	3.9	4
45	Polymeric nanoparticles as an oral delivery system for biocontrol agents for the brushtail possum (<i>Trichosurus vulpecula</i>). <i>New Zealand Veterinary Journal</i> , 2009 , 57, 370-7	1.7	4
44	Characterization of Peptide Polymer Interactions in Poly(alkylcyanoacrylate) Nanoparticles: A Mass Spectrometric Approach. <i>Current Drug Delivery</i> , 2010 , 7, 208-215	3.2	4
43	Predictive identification of co-formers in co-amorphous systems. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 157, 105636	5.1	4
42	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> , 2018 , 107, 2420-2427	3.9	4
41	Spectroscopic Evidence of Tertiary Structural Differences Between Insulin Molecules in Fibrils. <i>Journal of Pharmaceutical Sciences</i> , 2019 , 108, 2871-2879	3.9	3
40	Influence of Tableting on the Conformation and Thermal Stability of Trypsin as a Model Protein. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 4314-4321	3.9	3
39	X-ray Imaging for Gastrointestinal Tracking of Microscale Oral Drug Delivery Devices. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 2538-2547	5.5	3
38	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> , 2021 , 61, 102241	4.5	3
37	Monitoring the Isothermal Dehydration of Crystalline Hydrates Using Low-Frequency Raman Spectroscopy. <i>Molecular Pharmaceutics</i> , 2021 , 18, 1264-1276	5.6	3

36	Combined Effect of the Preparation Method and Compression on the Physical Stability and Dissolution Behavior of Melt-Quenched Amorphous Celecoxib. <i>Molecular Pharmaceutics</i> , 2021 , 18, 1408-1418	5.6	3
35	Hot Melt Coating of Amorphous Carvedilol. <i>Pharmaceutics</i> , 2020 , 12,	6.4	2
34	Characterization of the Hydrodynamics in a Miniaturized Dissolution Apparatus. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 1095-1103	3.9	2
33	Influence of postharvest processing and storage conditions on key antioxidants in p[er]i[Sonchus oleraceus L.]. <i>Journal of Pharmacy and Pharmacology</i> , 2014 , 66, 998-1008	4.8	2
32	Quantification of the types of water in Eudragit RLPO polymer and the kinetics of water loss using FTIR. <i>International Journal of Pharmaceutics</i> , 2013 , 458, 90-8	6.5	2
31	Noninvasive 3D characterization of layered samples using terahertz pulsed imaging and infrared optical coherence tomography 2009 ,		2
30	Poly(Alkyl Cyanoacrylate) Nanoparticles for Drug Delivery and Vaccine Development. <i>Surfactant Science</i> , 2010 , 99-135		2
29	The effects of p-menthane monoterpenes and related compounds on the percutaneous absorption of propranolol hydrochloride across newborn pig skin: III. Correlation between penetration enhancing activity and physicochemical properties of terpenes determined by principal components analysis. <i>Journal of Drug Delivery Science and Technology</i> , 2004 , 14, 223-228	4.5	2
28	Comparison of induction methods for supersaturation: pH shift versus solvent shift. <i>International Journal of Pharmaceutics</i> , 2020 , 573, 118862	6.5	2
27	Interactions of Cell-Penetrating Peptide-Modified Nanoparticles with Cells Evaluated Using Single Particle Tracking.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 3155-3165	4.1	2
26	Determining Thermal Conductivity of Small Molecule Amorphous Drugs with Modulated Differential Scanning Calorimetry and Vacuum Molding Sample Preparation. <i>Pharmaceutics</i> , 2019 , 11,	6.4	2
25	Development of Self-Nanoemulsifying Drug Delivery Systems Containing 4-Allylpyrocatechol for Treatment of Oral Infections Caused by. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
24	A Multivariate Approach for the Determination of the Optimal Mixing Ratio of the Non-Strong Interacting Co-Amorphous System Carvedilol-Tryptophan. <i>Molecules</i> , 2021 , 26,	4.8	2
23	The influence of moisture on the storage stability of co-amorphous systems. <i>International Journal of Pharmaceutics</i> , 2021 , 605, 120802	6.5	2
22	Topical niclosamide (ATx201) reduces Staphylococcus aureus 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> , 2022 , 12, e790	5.7	2
21	Physical characterization of synthetic phosphatidylinositol dimannosides and analogues in binary systems with phosphatidylcholine. <i>Molecular Pharmaceutics</i> , 2014 , 11, 913-21	5.6	1
20	Direct detection of dissolution of 14C-labeled compounds into an oil phase by the fat scintillation proximity method. <i>International Journal of Pharmaceutics</i> , 2000 , 196, 187-91	6.5	1
19	Functionalised calcium carbonate as a cofomer to stabilize amorphous drugs by mechanochemical activation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 155, 22-28	5.7	1

18	Applications of Small Angle X-ray Scattering in Pharmaceutical Science. <i>Advances in Delivery Science and Technology</i> , 2016 , 339-360		1
17	Evaluating Oral Drug Delivery Systems: Dissolution Models. <i>Advances in Delivery Science and Technology</i> , 2016 , 753-771		1
16	Evaluating Oral Drug Delivery Systems: Digestion Models. <i>Advances in Delivery Science and Technology</i> , 2016 , 773-790		1
15	Simultaneous automated image analysis and Raman spectroscopy of powders at an individual particle level. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 193, 113744	3.5	1
14	Exploring the Impact of Intestinal Fluid Components on the Solubility and Supersaturation of Danazol. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 2479-2488	3.9	1
13	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> , 2021 , 165, 193-202	5.7	1
12	Effects of polymer addition on the non-strongly interacting binary co-amorphous system carvedilol-tryptophan.. <i>International Journal of Pharmaceutics</i> , 2022 , 121625	6.5	1
11	Additive Manufacturing in respiratory sciences - current applications and future prospects.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 114341	18.5	1
10	UV imaging of multiple unit pellet system (MUPS) tablets: A case study of acetylsalicylic acid stability. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 119, 447-453	5.7	0
9	(Co-)amorphization of enantiomers - Investigation of the amorphization process, the physical stability and the dissolution behavior.. <i>International Journal of Pharmaceutics</i> , 2022 , 616, 121552	6.5	0
8	Investigation on Formulation Strategies to Mitigate Compression-Induced Destabilization in Supersaturated Celecoxib Amorphous Solid Dispersions. <i>Molecular Pharmaceutics</i> , 2021 , 18, 3882-3893	5.6	0
7	Elucidating Pathway and Anesthetic Mechanism of Action of Clove Oil Nanoformulations in Fish. <i>Pharmaceutics</i> , 2022 , 14, 919	6.4	0
6	Zein-polycaprolactone core-shell nanofibers for wound healing.. <i>International Journal of Pharmaceutics</i> , 2022 , 121809	6.5	0
5	Nanomechanical Infrared Spectroscopy with Vibrating Filters for Pharmaceutical Analysis. <i>Angewandte Chemie</i> , 2017 , 129, 3959-3963	3.6	
4	Investigating to Optimal Ratio between Drug and Co-Former in Co-Amorphous Systems. <i>Proceedings (mdpi)</i> , 2021 , 78, 27	0.3	
3	Probabilistic modeling of an injectable aqueous crystalline suspension using influence networks. <i>International Journal of Pharmaceutics</i> , 2021 , 596, 120283	6.5	
2	Elucidating the Dehydration Mechanism of Nitrofurantoin Monohydrate II Using Low-Frequency Raman Spectroscopy. <i>Crystal Growth and Design</i> , 2022 , 22, 2733-2741	3.5	
1	Impact of oral gavage technique of drug-containing microcontainers on the gastrointestinal transit and absorption in rats.. <i>International Journal of Pharmaceutics</i> , 2022 , 121630	6.5	

