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Nanocrystals for enhancement of oral bioavailability of poorly water-soluble drugs

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#	Paper	IF	Citations
250	Sonication-Assisted Layer-by-Layer Assembly for Low Solubility Drug Nanoformulation. 2015 , 7, 11972-83		39
249	Drug Nanocrystals. 2015 , 171-189		2
248	Enteric polymer based on pH-responsive aliphatic polycarbonate functionalized with vitamin E to facilitate oral delivery of tacrolimus. 2015 , 16, 1179-90		36
247	Investigating the role of Pluronic-g-Cationic polyelectrolyte as functional stabilizer for nanocrystals: Impact on Paclitaxel oral bioavailability and tumor growth. 2015 , 26, 169-83		45
246	Molecular interaction between glimepiride and Soluplus [®] -PEG 4000 hybrid based solid dispersions: Characterisation and anti-diabetic studies. <i>International Journal of Pharmaceutics</i> , 2015 , 496, 741-50	6.5	27
245	Nanotechnology Based Approaches for Enhancing Oral Bioavailability of Poorly Water Soluble Antihypertensive Drugs. 2016 , 2016, 8525679		53
244	Preparation and Characterization of Nanosuspension of Aprepitant by H96 Process. 2016 , 6, 83-90		16
243	Nanomilling of Drugs for Bioavailability Enhancement: A Holistic Formulation-Process Perspective. <i>Pharmaceutics</i> , 2016 , 8,	6.4	96
242	Core-Shell Composite Hydrogels for Controlled Nanocrystal Formation and Release of Hydrophobic Active Pharmaceutical Ingredients. 2016 , 5, 1960-8		33
241	Enhanced solubility of nanostructured paracetamol. 2016 , 2, 055007		6
240	Nanodrugs in Medicine and Healthcare: Oral Delivery. 2016 , 579-602		
239	Simultaneous determination of lovastatin and its metabolite lovastatin acid in rat plasma using UPLC-MS/MS with positive/negative ion-switching electrospray ionization: Application to a pharmacokinetic study of lovastatin nanosuspension. 2016 , 1023-1024, 55-61		8
238	Development of surface stabilized candesartan cilexetil nanocrystals with enhanced dissolution rate, permeation rate across CaCo-2, and oral bioavailability. 2016 , 6, 498-510		12
237	Nanocrystal for ocular drug delivery: hope or hype. 2016 , 6, 399-413		24
236	Influence of Lipid Core Material on Physicochemical Characteristics of an Ursolic Acid-Loaded Nanostructured Lipid Carrier: An Attempt To Enhance Anticancer Activity. 2016 , 32, 9816-25		33
235	Design of experiment approach in development of febuxostat nanocrystal: Application of Soluplus [®] as stabilizer. 2016 , 302, 396-405		17
234	The generation of myricetin-nicotinamide nanococrystals by top down and bottom up technologies. 2016 , 27, 395601		26

233	State of the art of nanocrystals technology for delivery of poorly soluble drugs. 2016 , 18, 1		13
232	Formulation design space for stable, pH sensitive crystalline nifedipine nanoparticles. <i>International Journal of Pharmaceutics</i> , 2016 , 514, 81-92	6.5	12
231	A recent trend of drug-nanoparticles in suspension for the application in drug delivery. 2016 , 11, 2861-2876		8
230	Dissolution and coarsening of polydisperse, polymorph drug particles liberated from a disintegrating finished dosage form: Theoretical considerations. 2016 , 91, 265-77		8
229	Development and performance evaluation of novel nanoparticles of a grafted copolymer loaded with curcumin. 2016 , 86, 709-20		32
228	Challenges in oral drug delivery of antiretrovirals and the innovative strategies to overcome them. 2016 , 103, 105-120		58
227	Cefdinir nanosuspension for improved oral bioavailability by media milling technique: Formulation, characterization and in vitro-in vivo evaluations. <i>Drug Development and Industrial Pharmacy</i> , 2016 , 42, 758-68	3.6	22
226	Reduction of orthophosphates loss in agricultural soil by nano calcium sulfate. 2016 , 539, 381-387		19
225	Nanopharmaceuticals as a solution to neglected diseases: Is it possible?. 2017 , 170, 16-42		38
224	Preparation and evaluation of celecoxib nanosuspensions for bioavailability enhancement. 2017 , 7, 13053-13064		64
223	Rod-Shaped Drug Particles for Cancer Therapy: The Importance of Particle Size and Participation of Caveolae Pathway. 2017 , 34, 1600371		17
222	Production of Luteolin/Biopolymer Microspheres by Supercritical Assisted Atomization. 2017 , 56, 4334-4340		24
221	Zebrafish as a visual and dynamic model to study the transport of nanosized drug delivery systems across the biological barriers. 2017 , 156, 227-235		32
220	Nanosizing techniques for improving bioavailability of drugs. 2017 , 260, 202-212		73
219	Preparation, characterization and pharmacokinetics of cyadox nanosuspension. 2017 , 7, 2289		21
218	Denatured protein-coated docetaxel nanoparticles: Alterable drug state and cytosolic delivery. <i>International Journal of Pharmaceutics</i> , 2017 , 523, 1-14	6.5	12
217	Formation of hydrophobic drug nanoparticles via ambient solvent evaporation facilitated by branched diblock copolymers. <i>International Journal of Pharmaceutics</i> , 2017 , 533, 245-253	6.5	9
216	Exploration of alginates as potential stabilizers of nanosuspension. 2017 , 18, 3172-3181		22

215	Pharmaceutical Amorphous Nanoparticles. 2017 , 106, 39-65		84
214	Glibenclamide Nanocrystals in a Biodegradable Chitosan Patch for Transdermal Delivery: Engineering, Formulation, and Evaluation. 2017 , 106, 402-410		29
213	Enhanced Solubility and Dissolution Rate of Lacidipine Nanosuspension: Formulation Via Antisolvent Sonoprecipitation Technique and Optimization Using Box-Behnken Design. 2017 , 18, 983-996		26
212	Safety of nanosuspensions in drug delivery. 2017 , 13, 455-469		57
211	Controlled delivery systems of cellulose matrix for oxytetracycline: In vitro dissolution. 2017 , 3, 66		2
210	Improved dissolution of extract for oral administration by preparing solid dispersion via solvent evaporation. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017 , 12, 124-133	9	12
209	The Use of Nanotechnology in Modern Pharmacotherapy. 2017 , 139-158		7
208	Nanosuspension drug delivery system: preparation, characterization, postproduction processing, dosage form, and application. 2017 , 413-443		13
207	Two-Stage Crystallizer Design for High Loading of Poorly Water-Soluble Pharmaceuticals in Porous Silica Matrices. 2017 , 7, 131		5
206	Simvastatin-nicotinamide co-crystal: design, preparation and preliminary characterization. 2017 , 16, 297		8
205	Liquigroud technique: a new concept for enhancing dissolution rate of glibenclamide by combination of liquisolid and co-grinding technologies. 2017 , 7, 5-12		8
204	Oral Administration of Nanoparticles-Based TB Drugs. 2017 , 307-326		1
203	Release kinetics and cell viability of ibuprofen nanocrystals produced by melt-emulsification. 2018 , 166, 24-28		10
202	Nanocrystal: a novel approach to overcome skin barriers for improved topical drug delivery. 2018 , 15, 351-368		42
201	Investigation of controlled solvent exchange precipitation of fluorescent organic nanocrystals. 2018 , 545, 86-92		
200	A Review on Solubility Enhancement of Carvedilol BCS Class II Drug. 2018 , 13, 197-212		18
199	Nanotherapeutics in oral and parenteral drug delivery: Key learnings and future outlooks as we think small. 2018 , 272, 159-168		44
198	Process and scaling parameters for wet media milling in early phase drug development: A knowledge based approach. 2018 , 115, 126-131		14

197	Production of pure drug nanocrystals and nano co-crystals by confinement methods. 2018 , 131, 3-21		63
196	Multifunctional Glycoconjugate Assisted Nanocrystalline Drug Delivery for Tumor Targeting and Permeabilization of Lysosomal-Mitochondrial Membrane. 2018 , 10, 16964-16976		22
195	Current development in the formulations of non-injection administration of paclitaxel. <i>International Journal of Pharmaceutics</i> , 2018 , 542, 242-252	6.5	36
194	Ultrasonic Irradiation and Seeding To Prevent Metastable Liquid-Liquid Phase Separation and Intensify Crystallization. 2018 , 18, 2628-2635		19
193	Ziprasidone nanocrystals by wet media milling followed by spray drying and lyophilization: Formulation and process parameter optimization. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 43, 73-84	4.5	11
192	Atovaquone oral bioavailability enhancement using electrospraying technology. 2018 , 111, 195-204		14
191	Solidification of hesperidin nanosuspension by spray drying optimized by design of experiment (DoE). <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 1-12	3.6	26
190	Physicochemical pharmacokinetics as an optimization tool for generic development: A case study. 2018 , 111, 349-357		4
189	Drug nanocrystals for cancer therapy. 2018 , 10, e1499		19
188	Strategies for the enhanced intracellular delivery of nanomaterials. 2018 , 23, 944-959		34
187	Reprecipitation of poorly water-soluble cilostazol crystals using adsorbing carriers for enhanced dissolution and physicochemical modification. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 43, 477-486	4.5	12
186	Cryochemically Obtained Nanoforms of Antimicrobial Drug Substance Dioxidine and Their Physico-chemical and Structural Properties. 2018 , 8, 298		8
185	Nano based drug delivery systems: recent developments and future prospects. 2018 , 16, 71		1937
184	Analytical tools for reliable in vitro and in vivo performance testing of drug nanocrystals. 2018 , 441-477		1
183	Influence of solvent mixtures on HPMCAS-celecoxib microparticles prepared by electrospraying. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018 , 13, 584-591	9	2
182	Levels of Solid State Properties: Role of Different Levels During Pharmaceutical Product Development. 2018 , 1-30		
181	Investigation of different types of nano drug delivery systems of atorvastatin for the treatment of hyperlipidemia. <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 2048-2060	3.6	5
180	Solubility and Solubilization Approaches in Pharmaceutical Product Development. 2018 , 513-547		2

179	Supercritical carbon dioxide-based technologies for the production of drug nanoparticles/nanocrystals - A comprehensive review. 2018 , 131, 22-78		108
178	Electrohydrodynamic atomization and spray-drying for the production of pure drug nanocrystals and co-crystals. 2018 , 131, 79-100		25
177	A quality-by-design study to develop Nifedipine nanosuspension: examining the relative impact of formulation variables, wet media milling process parameters and excipient variability on drug product quality attributes. <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 1942-1952	3.6	13
176	Nanocrystals of Poorly Soluble Drugs: Drug Bioavailability and Physicochemical Stability. <i>Pharmaceutics</i> , 2018 , 10,	6.4	98
175	Amine decorated 2d hexagonal and 3d cubic mesoporous silica nanoparticles: A comprehensive dissolution kinetic study in simulated and biorelevant media. 2019 , 40, 55-73		5
174	Preparation and Comparison of Oral Bioavailability for Different Nano-formulations of Olaparib. 2019 , 20, 276		9
173	Enhanced Oral Bioavailability of Celecoxib Nanocrystalline Solid Dispersion based on Wet Media Milling Technique: Formulation, Optimization and In Vitro/In Vivo Evaluation. <i>Pharmaceutics</i> , 2019 , 11,	6.4	24
172	Tripling the Bioavailability of Rosuvastatin Calcium Through Development and Optimization of an In-Situ Forming Nanovesicular System. <i>Pharmaceutics</i> , 2019 , 11,	6.4	8
171	Fabrication and characterization of andrographolide analogue (3A.1) nanosuspensions stabilized by amphiphilic chitosan derivatives for colorectal cancer therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 54, 101287	4.5	9
170	An Aseptic One-Shot Bottom-Up Method To Produce Progesterone Nanocrystals: Controlled Size and Improved Bioavailability. 2019 , 16, 5076-5084		0
169	Enhanced Bioavailability by Orally Administered Sirolimus Nanocrystals.. 2019 , 2, 4612-4621		2
168	Preparation and evaluation of phosphate binding capacity of micronized lanthanum carbonate formulation. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 53, 101183	4.5	
167	Physicochemical, pharmacokinetics, and histological evaluation of new naproxen-quercetin co-lyophilizate to diminish drug-induced gastric irritations in rats. 2019 , 27, 413-421		2
166	Exploration of nanocrystal technology for the preparation of lovastatin immediate and sustained release tablets. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 50, 107-112	4.5	5
165	Impacts of particle shapes on the oral delivery of drug nanocrystals: Mucus permeation, transepithelial transport and bioavailability. 2019 , 307, 64-75		41
164	Nanocrystalization: An Emerging Technology to Enhance the Bioavailability of Poorly Soluble Drugs. 2019 , 7, 259-278		21
163	Towards more accurate bioimaging of drug nanocarriers: turning aggregation-caused quenching into a useful tool. 2019 , 143, 206-225		93
162	Spray freeze drying: Emerging applications in drug delivery. 2019 , 300, 93-101		57

161	Highly Water-Soluble Orotic Acid Nanocrystals Produced by High-Energy Milling. 2019 , 108, 1848-1856		9
160	Multifunctional nanocrystals for cancer therapy: a potential nanocarrier. 2019 , 91-116		92
159	Evaluation of improved oral bioavailability of ritonavir nanosuspension. 2019 , 131, 153-158		28
158	Let's get small (and smaller): Combining zebrafish and nanomedicine to advance neuroregenerative therapeutics. 2019 , 148, 344-359		3
157	assessment of praziquantel nanocrystals: Formulation, characterization, and pharmacokinetics in beagle dogs. <i>Asian Journal of Pharmaceutical Sciences</i> , 2019 , 14, 321-328	9	6
156	State of the Art of Pharmaceutical Solid Forms: from Crystal Property Issues to Nanocrystals Formulation. 2019 , 14, 8-23		37
155	Use of artificial neural networks for analysis of the factors affecting particle size in mebudipine nanoemulsion. 2019 , 37, 3162-3167		5
154	Modified sprouted rice for modulation of curcumin crystallinity and dissolution enhancement by solid dispersion. 2019 , 49, 127-134		21
153	Improved oral bioavailability of anticancer drug tamoxifen through complexation with water soluble cyclodextrins: in vitro and in vivo evaluation. 2020 , 96, 81-91		7
152	Experimental measurement and thermodynamic modeling of Lansoprazole solubility in supercritical carbon dioxide: Application of SAFT-VR EoS. 2020 , 507, 112422		29
151	Co-processing of nateglinide with meglumine for enhanced dissolution rate: and evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2020 , 46, 1676-1683	3.6	1
150	Electrospray drying of docetaxel nanosuspension: A study on particle formation and evaluation of nanocrystals thereof. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 102009	4.5	5
149	Formulation and molecular docking simulation study of luliconazole nanosuspensionBased nanogel for transdermal drug delivery using modified polymer. 2020 , 18, 100364		2
148	Use of Spray Flash Evaporation (SFE) technology to improve dissolution of poorly soluble drugs: Case study on furosemide nanocrystals. <i>International Journal of Pharmaceutics</i> , 2020 , 589, 119827	6.5	4
147	Nanocrystals: Characterization Overview, Applications in Drug Delivery, and Their Toxicity Concerns. 2020 , 1		3
146	Micropolar pulsatile blood flow conveying nanoparticles in a stenotic tapered artery: NON-Newtonian pharmacodynamic simulation. 2020 , 126, 104025		9
145	Recent advancements in solubilization of hydrophobic drugs. 2020 , 109-144		
144	Clinically established biodegradable long acting injectables: An industry perspective. 2020 , 167, 19-46		20

143	Study on Optimization of Wet Milling Process for the Development of Albendazole Containing Nanosuspension with Improved Dissolution. 2020 , 64, 401-420		
142	Preparation of parenteral nanocrystal suspensions of etoposide from the excipient free dry state of the drug to enhance in vivo antitumoral properties. 2020 , 10, 18059		3
141	Etoposide Amorphous Nanopowder for Improved Oral Bioavailability: Formulation Development, Optimization, in vitro and in vivo Evaluation. 2020 , 15, 7601-7613		4
140	Progress, challenges, and future of nanomedicine. 2020 , 35, 101008		32
139	Improvement of In Vitro Dissolution of the Poor Water-Soluble Amlodipine Drug by Solid Dispersion with Irradiated Polyvinylpyrrolidone. <i>ACS Omega</i> , 2020 , 5, 21476-21487	3.9	14
138	Nanocrystals of Novel Valerolactam-Fenbendazole Hybrid with Improved in vitro Dissolution Performance. 2020 , 21, 237		15
137	Solid Lipid Nanoparticles as Formulative Strategy to Increase Oral Permeation of a Molecule Active in Multidrug-Resistant Tuberculosis Management. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
136	Peptide-Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. <i>ChemistrySelect</i> , 2020 , 5, 3618-3625	1.8	2
135	Therapeutic Nanoparticles and Their Targeted Delivery Applications. 2020 , 25,		174
134	Investigation of Formulation and Process Parameters of Wet Media Milling to Develop Etodolac Nanosuspensions. 2020 , 37, 111		14
133	Development and Evaluation of Docetaxel-Phospholipid Complex Loaded Self-Microemulsifying Drug Delivery System: Optimization and In Vitro/Ex Vivo Studies. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
132	Rifampicin nanocrystals: Towards an innovative approach to treat tuberculosis. 2020 , 112, 110895		6
131	Therapeutic Applications of Curcumin Nanomedicine Formulations in Cardiovascular Diseases. 2020 , 9,		31
130	Nanoscale Drug Delivery Systems: From Medicine to Agriculture. 2020 , 8, 79		80
129	Alginate-based drug oral targeting using bio-micro/nano encapsulation technologies. 2020 , 17, 1361-1376		13
128	Double Optimization of Rivastigmine-Loaded Nanostructured Lipid Carriers (NLC) for Nose-to-Brain Delivery Using the Quality by Design (QbD) Approach: Formulation Variables and Instrumental Parameters. <i>Pharmaceutics</i> , 2020 , 12,	6.4	20
127	Principles of nanosized drug delivery systems. 2020 , 3-25		1
126	A Comparative Study of the Effect of Different Stabilizers on the Critical Quality Attributes of Self-Assembling Nano Co-Crystals. <i>Pharmaceutics</i> , 2020 , 12,	6.4	8

125	Erythrocyte-mimicking paclitaxel nanoparticles for improving biodistributions of hydrophobic drugs to enhance antitumor efficacy. 2020 , 27, 387-399		7
124	Denatured food protein-coated nanosuspension: A promising approach for anticancer delivery of hydrophobic drug. 2020 , 303, 112690		8
123	Neuro-protective effects of nano-formulated hesperetin in a traumatic brain injury model of. 2020 , 1-8		5
122	The Role of Functional Excipients in Solid Oral Dosage Forms to Overcome Poor Drug Dissolution and Bioavailability. <i>Pharmaceutics</i> , 2020 , 12,	6.4	28
121	Delivering anticancer drugs as carrier-free nanocrystals. 2020 , 95-115		
120	Development and evaluation of TPGS/PVA-based nanosuspension for enhancing dissolution and oral bioavailability of ticagrelor. <i>International Journal of Pharmaceutics</i> , 2020 , 581, 119287	6.5	12
119	A comparative pulmonary pharmacokinetic study of budesonide using polymeric nanoparticles targeted to the lungs in treatment of asthma. 2020 , 48, 749-762		5
118	Novel Drug Delivery Systems for Loading of Natural Plant Extracts and Their Biomedical Applications. 2020 , 15, 2439-2483		44
117	Loading and Controlled Release of Poorly Water-Soluble Drug Telmisartan from Porous Silicon Microparticles. 2021 , 13, 605-612		
116	Anti-inflammatory drug nanocrystals: state of art and regulatory perspective. 2021 , 158, 105654		11
115	Challenges and opportunities in the delivery of cancer therapeutics: update on recent progress. 2021 , 12, 55-76		11
114	Oral Drug Delivery, Absorption and Bioavailability. 2021 ,		1
113	Facile synthesis of PEI-based crystalline templated mesoporous silica with molecular chirality for improved oral delivery of the poorly water-soluble drug. 2021 , 28, 894-905		2
112	Nanomedicine Scale-Up Technologies: Feasibilities and Challenges. 2021 , 511-539		1
111	Stability properties and antioxidant activity of curcumin nanosuspensions in emulsion systems. 2021 , 19, 40-48		0
110	Nanocrystallization and Nanoprecipitation Technologies. 2021 , 39-66		
109	Revamping the pharmacokinetics of poorly soluble drugs using different formulations. 2021 , 387-413		2
108	The ADME Encyclopedia. 2021 , 1-14		0

107	Physicochemical properties and formulation development of a novel compound inhibiting <i>Staphylococcus aureus</i> biofilm formation. 2021 , 16, e0246408		0
106	Synthesis and Characterization of Nano-Sized 4-Aminosalicylic Acid-Sulfamethazine Cocrystals. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
105	Formulation, characterization and antimicrobial studies of lyophilized luliconazole nanosuspension for enhancing solubility using modified polymer. 1-15		0
104	The potential of intranasal delivery of nanocrystals in powder form on the improvement of zaleplon performance: assessment. <i>Drug Development and Industrial Pharmacy</i> , 2021 , 47, 268-279	3.6	2
103	Development and Characterization of Venetoclax Nanocrystals for Oral Bioavailability Enhancement. 2021 , 22, 92		1
102	The Evaluation of Drug Delivery Nanocarrier Development and Pharmacological Briefing for Metabolic-Associated Fatty Liver Disease (MAFLD): An Update. 2021 , 14,		1
101	Synthesis of PEG-4000-co-poly (AMPS) nanogels by cross-linking polymerization as highly responsive networks for enhancement in meloxicam solubility. <i>Drug Development and Industrial Pharmacy</i> , 2021 , 47, 465-476	3.6	17
100	Current strategies for oral delivery of BCS IV drug nanocrystals: challenges, solutions and future trends. 2021 , 18, 1211-1228		0
99	Improved Dermal and Transdermal Delivery of Curcumin with SmartFilms and Nanocrystals. 2021 , 26,		13
98	Development of Nanonized Nitrendipine and Its Transformation into Nanoparticulate Oral Fast Dissolving Drug Delivery System. 2021 , 22, 113		2
97	Investigating thermodynamic, acoustic and spectroscopic parameters of rutin trihydrate with cationic surfactant CTAB in hydro-ethanolic solvent systems. 2021 , 328, 115489		3
96	Development of phospholipid complex loaded self-microemulsifying drug delivery system to improve the oral bioavailability of resveratrol. 2021 , 16, 721-739		1
95	Effect of High-Energy Milling on the Dissolution of Anti-HIV Drug Efavirenz in Different Solvents. <i>ACS Omega</i> , 2021 , 6, 12647-12659	3.9	0
94	Formulation, optimization, and characterization of whey protein isolate nanocrystals for celecoxib delivery. 2021 , 38, 314-323		1
93	Drug-Rich Phases Induced by Amorphous Solid Dispersion: Arbitrary or Intentional Goal in Oral Drug Delivery?. <i>Pharmaceutics</i> , 2021 , 13,	6.4	3
92	Cryochemical Production of Drug Nanoforms: Particle Size and Crystal Phase Control of the Antibacterial Medication 2,3-Quinoxalinedimethanol-1,4-dioxide (Dioxidine). 2021 , 11,		1
91	Nanocrystal Approaches for Poorly Soluble Drugs and their Role in Development of Marketed Formulation. 2021 , 11,		0
90	Production and isolation of pharmaceutical drug nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021 , 603, 120708	6.5	7

89	Mitochondria-targeted ROS- and GSH-responsive diselenide-crosslinked polymer dots for programmable paclitaxel release. 2021 , 99, 98-106		18
88	Thermodynamic Characteristics of Phenacetin in Solid State and Saturated Solutions in Several Neat and Binary Solvents. 2021 , 26,		3
87	Kinetic and Microhydrodynamic Modeling of Fenofibrate Nanosuspension Production in a Wet Stirred Media Mill. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
86	Nanosuspension a Promising Tool for Solubility Enhancement: A Review. 2021 , 252-258		1
85	Formulation, Optimization and Evaluation of Nanoparticulate Oral Fast Dissolving Film Dosage Form of Nitrendipine. 2021 , 22, 218		0
84	Preparation and Pharmacokinetic Characterization of an Anti-Virulence Compound Nanosuspensions. <i>Pharmaceutics</i> , 2021 , 13,	6.4	0
83	Use of nanosystems to improve the anticancer effects of curcumin. 2021 , 12, 1047-1062		0
82	Carrier-free nanodrugs with efficient drug delivery and release for cancer therapy: From intrinsic physicochemical properties to external modification. 2022 , 8, 220-240		25
81	Nanocarriers for Oral Drug Delivery. 2021 , 127-151		1
80	Review of nano-technology applications in resin-based restorative materials. 2021 , 33, 567-582		2
79	Modulation of Drug Crystallization and Molecular Interactions by Additives in Solid Dispersions for Improving Drug Bioavailability. 2019 , 25, 2099-2107		13
78	Nanomedicine: Bioavailability, Biotransformation and Biokinetics. <i>Current Drug Metabolism</i> , 2019 , 20, 542-555	3.5	3
77	Understanding the Pharmaceutical Aspects of Dendrimers for the Delivery of Anticancer Drugs. 2020 , 21, 528-540		10
76	Crystal Engineering to Design of Solids: From Single to Multicomponent Organic Materials. 2020 , 17, 518-538		5
75	Pharmaceutical Drug Nanocrystals: Role in Dermal Delivery. 2019 , 9, 300-310		3
74	Nanoemulsion and Solid Nanoemulsion for Improving Oral Delivery of a Breast Cancer Drug: Formulation, Evaluation, and a Comparison Study. 2021 , 29, 1278-1288		5
73	Rod-shaped nintedanib nanocrystals improved oral bioavailability through multiple intestinal absorption pathways. 2021 , 168, 106047		5
72	Novel Micro- and Nanocellulose-Based Delivery Systems for Liposoluble Compounds. 2021 , 11,		2

71	Investigation into the role of the polymer in enhancing microwave-induced in situ amorphization. <i>International Journal of Pharmaceutics</i> , 2021 , 609, 121157	6.5	o
70	CHAPTER 16:Formulation for Optimizing Bioavailability. 2015 , 348-358		
69	Absorption enhancement of macromolecule-administered intrapulmonary. 2020 , 147-161		
68	Pharmaceutical nanococrystal synthesis: a novel grinding approach.		1
67	Response Surface Methodology for Optimization of Process Variables of Atorvastatin Suspension Preparation by Microprecipitation Method Using Desirability Function. 2020 , 26, 61-74		o
66	High-Payload Nanosuspension of Extract for Improved Skin Delivery with No Irritation. 2021 , 16, 7417-7432		o
65	Preparation and characterization of quercetin nanosuspensions using gypenosides as novel stabilizers. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 102962	4.5	o
64	Characterization of excipients to improve pharmaceutical properties of sirolimus in the supercritical anti-solvent fluidized process. <i>International Journal of Pharmaceutics</i> , 2021 , 611, 121240	6.5	o
63	Tailoring of Antihypertensive Drug-Loaded Nanoparticles: In Vitro, Toxicity, and Bioavailability Assessment. 1		
62	Approved and marketed nanoparticles for disease targeting and applications in COVID-19. 2021 , 10, 1941-1977		6
61	Eplerenone nanocrystals engineered by controlled crystallization for enhanced oral bioavailability. 2021 , 28, 2510-2524		1
60	A new nanosuspension prepared with wet milling method for oral delivery of highly variable drug Cyclosporine A: development, optimization and in vivo evaluation.. 2022 , 171, 106123		o
59	Nanomedicine and Immunotherapy for Cancers. 2020 , 2,		
58	Increase in Dissolution Rate of Zotepine via Nanomilling Process - Impact of Dried Nanocrystalline Suspensions on Bioavailability.. 2021 , 23, 20		
57	Resveratrol Nanocrystal Incorporated into Mesoporous Material: Rational Design and Screening through Quality-by-Design Approach.. 2022 , 12,		
56	The technology for improving stability of nanosuspensions in drug delivery. 2022 , 24, 1		o
55	Recent advances in drug delivery systems for glaucoma treatment. 2022 , 100178		6
54	Drug Delivery Strategies for Curcumin and Other Natural Nrf2 Modulators of Oxidative Stress-Related Diseases.. <i>Pharmaceutics</i> , 2021 , 13,	6.4	4

53	Danazol.. 2022 , 47, 149-326		o
52	Introduction to Nanoparticulate Drug Delivery Systems. 2022 , 3-23		
51	NanoDelivery system: In the agriculture sector. 2022 , 467-484		
50	Guar gum based oral films for hypertensive urgencies.. <i>Natural Product Research</i> , 2022 , 1-4	2.3	
49	Supersaturable self-emulsifying drug delivery system: A strategy for improving the loading and oral bioavailability of quercetin. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 103289	4.5	1
48	Confinement of FRP concrete columns: Review of design guidelines and comparison with experimental results. <i>Materiales De Construccion</i> , 2022 , 72, e274	1.8	
47	Development and Evaluation of Nanosuspension of Albendazole by Nanoprecipitation. <i>Research Journal of Pharmaceutical Dosage Forms and Technology</i> , 2022 , 1-6	2.2	
46	Nano-Cocrystals of Piperine-Succinic Acid: Physicochemical Characterization and Dissolution Rate Studies. <i>ChemistrySelect</i> , 2022 , 7,	1.8	1
45	Exploring the influence factors and improvement strategies of drug polymorphic transformation combined kinetic and thermodynamic perspectives during the formation of nanosuspensions.. <i>Drug Development and Industrial Pharmacy</i> , 2022 , 1-44	3.6	o
44	Development of cyclosporine A nanosuspension: cytotoxicity and permeability on Caco-2 cell lines.. <i>Pharmaceutical Development and Technology</i> , 2021 , 1-11	3.4	o
43	FORMULATION DEVELOPMENT OF ORLISTAT NANOCRYSTALS: IN VITRO CHARACTERIZATION AND IN VIVO STUDIES. <i>Indian Drugs</i> , 2021 , 58, 29-37	0.2	
42	Optimization of Formulation and Operating Parameters for Ginkgo biloba Extract Nanosuspension by Wet Ball Milling Using a BoxBehnken Design. <i>Journal of Nanomaterials</i> , 2021 , 2021, 1-10	3.2	
41	Development, Characterization and Evaluation of Ritonavir Nanosuspension Treatment of Antiretroviral Therapy. <i>Research Journal of Pharmaceutical Dosage Forms and Technology</i> , 2021 , 297-304 ^{2.2}		
40	Nanoformulations of quercetin: a potential phytochemical for the treatment of uv radiation induced skin damages. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 58,	1.8	
39	Nanocrystals in the drug delivery system. 2022 , 443-454		
38	Nanotechnology-Based Drug Delivery System. <i>Advances in Bioinformatics and Biomedical Engineering Book Series</i> , 2022 , 97-133	0.4	1
37	The Study of Cyclosporin A Nanocrystals Uptake and Transport across an Intestinal Epithelial Cell Model. <i>Polymers</i> , 2022 , 14, 1975	4.5	
36	Mechanism of Solubility Enhancement of Poorly Water-Soluble Drugs Triggered by Zeolitic Imidazolate Frameworks.. <i>Chemical and Pharmaceutical Bulletin</i> , 2022 , 70, 383-390	1.9	o

35	Bioactive Loaded Novel Nano-Formulations for Targeted Drug Delivery and Their Therapeutic Potential. <i>Pharmaceutics</i> , 2022 , 14, 1091	6.4	1
34	Immediate Release Formulation of Inhaled Beclomethasone Dipropionate-Hydroxypropyl-Beta-Cyclodextrin Composite Particles Produced Using Supercritical Assisted Atomization. <i>Polymers</i> , 2022 , 14, 2114	4.5	2
33	Thermogelling Hydroxypropyl Methylcellulose Nanoemulsions as Templates to Formulate Poorly Water-Soluble Drugs into Oral Thin Films Containing Drug Nanoparticles. <i>Chemistry of Materials</i> ,	9.6	0
32	Nanobiomaterials in biomedicine: Designing approaches and critical concepts. 2022 , 345-361		
31	Recent trends in nanocrystals for pharmaceutical applications. 2022 , 81-96		
30	Drug nanocrystals as drug delivery systems. 2022 , 153-178		
29	Nanocrystals for Improving the Biopharmaceutical Performance of Hydrophobic Drugs. 2022 , 647-660		
28	Exploring Fenofibrate Formulations for the Treatment of Lipid Disorders: Past, Present, and Future. <i>Cardiometabolic Syndrome Journal</i> , 2,		0
27	Drug nanocrystals as nanocarrier-based drug delivery systems. 2022 , 179-203		
26	Transformation of Amphiphilic Antiviral Drugs into New Dimensional Nanovesicles Structures. <i>ACS Omega</i> ,	3.9	
25	Design, preparation and pharmacodynamics of ICG-Fe(III) based HCPT nanocrystals against cancer. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022 ,	9	
24	Nanocrystals: An Approachable Delivery System for Anticancer Therapeutics. <i>Current Drug Metabolism</i> , 2022 , 23,	3.5	1
23	Toxicity and biocompatibility perspective of nanomaterials exploited in diagnosis and treatment of infectious diseases. 2022 , 353-372		1
22	Analysis of heat generation during the production of drug nanosuspensions in a wet stirred media mill. <i>International Journal of Pharmaceutics</i> , 2022 , 624, 122020	6.5	1
21	PEG-Bottlebrush Stabilizer-Based Worm-like Nanocrystal Micelles with Long-Circulating and Controlled Release for Delivery of a BCR-ABL Inhibitor against Chronic Myeloid Leukemia (CML). 2022 , 14, 1662		0
20	Cryostructuring of Polymeric Systems: 62 Preparation and Characterization of Alginate/Chondroitin Sulfate Cryostructures Loaded with Antimicrobial Substances. 2022 , 14, 3271		1
19	Bioavailability Enhancement Techniques for Poorly Aqueous Soluble Drugs and Therapeutics. 2022 , 10, 2055		7
18	Surface stabilization determines macrophage uptake, cytotoxicity, and bioactivity of curcumin nanocrystals. 2022 , 626, 122133		0

17	Advances in nanotechnology for drug discovery and design. 2022 , 157-177	1
16	Comparison study of physicochemical and biopharmaceutics properties of hydrophobic drugs ground by two dry milling processes. 1-13	0
15	LipTube: Liposome Formation in the Tube Process Using Supercritical CO ₂ . 2022 , 61, 14598-14608	0
14	Quantum Dot-Based Nanomaterials for Diagnostic and Therapeutic Applications. 2022 , 429-453	0
13	Thermal study, process optimization, and water solubility improvement of a freeze-dried artemether nanosuspension for malaria treatment. 2022 , 103915	0
12	Novel nano-crystalline solid dispersion of nobiletin with improved dissolution behavior and oral absorption. 2023 , 79, 104013	0
11	Solubility, Extraction, and Nanoparticles Production in Supercritical Carbon Dioxide: A Mini-Review.	1
10	Challenges and Opportunities in the Delivery of Oral Anticancer Therapeutics. 2022 , 1-11	0
9	Nanoparticles: Taking a Unique Position in Medicine. 2023 , 13, 574	2
8	A SWOT analysis of nano co-crystals in drug delivery: present outlook and future perspectives. 2023 , 13, 7339-7351	0
7	Structural and in-vitro characterization of highly swellable β -cyclodextrin polymeric nanogels fabricated by free radical polymerization for solubility enhancement of rosuvastatin. 1-15	0
6	Applications and Prospects of Nanopharmaceuticals Delivery. 2023 , 45-66	0
5	Design, Synthesis and Anticancer Activity of New Benzofuran-Chalcone Hybrids and Their Water Soluble Sodium Salts. 2023 , 8,	0
4	Nanocrystals as a versatile platform for theranostic applications. 2023 , 201-231	0
3	Formulation development of Silybum marianum seed extracts and silymarin nanoparticles, and evaluation of hepatoprotective effect. 2023 , 83, 104378	0
2	Colloidal curcumin-laden pH-responsive hydrogels: A promising approach to enhance solubility, dissolution, and permeation of hydrophobic drug. 2023 , 104471	0
1	Amlodipine besylate solubility in polyethylene glycol 400 + ethanol at different temperatures: Thermodynamic analysis and data modeling.	0