

Suresh Bandari

List of Publications by Year in Descending Order

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

68

papers

1,330

citations

21

h-index

33

g-index

73

ext. papers

1,785

ext. citations

4.8

avg, IF

5.24

L-index

#	Paper	IF	Citations
68	Creation of Hydrochlorothiazide Pharmaceutical Cocrystals Via Hot-Melt Extrusion for Enhanced Solubility and Permeability.. <i>AAPS PharmSciTech</i> , 2022 , 23, 56	3.9	1
67	Hot-melt extruded hydroxypropyl methylcellulose acetate succinate based amorphous solid dispersions: Impact of polymeric combinations on supersaturation kinetics and dissolution performance.. <i>International Journal of Pharmaceutics</i> , 2022 , 615, 121471	6.5	1
66	Preliminary investigation of peroxide levels of Plasdone $\text{\textcircled{R}}$ opovidones on the purity of atorvastatin calcium amorphous solid dispersions: Impact of plasticizers on hot melt extrusion processability. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 70, 103190	4.5	0
65	Coupling hot melt extrusion and fused deposition modeling: Critical properties for successful performance. <i>Advanced Drug Delivery Reviews</i> , 2021 , 172, 52-63	18.5	16
64	3D printing in personalized drug delivery: An overview of hot-melt extrusion-based fused deposition modeling. <i>International Journal of Pharmaceutics</i> , 2021 , 600, 120501	6.5	16
63	Impact of hydrophilic binders on stability of lipid-based sustained release matrices of quetiapine fumarate by the continuous twin screw melt granulation technique. <i>Advanced Powder Technology</i> , 2021 , 32, 2591-2604	4.6	2
62	Multicomponent crystalline solid forms of aripiprazole produced via hot melt extrusion techniques: An exploratory study. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 63, 102529-102529	4.5	2
61	Influence of Plasdone S630 Ultra-an Improved Copovidone on the Processability and Oxidative Degradation of Quetiapine Fumarate Amorphous Solid Dispersions Prepared via Hot-Melt Extrusion Technique. <i>AAPS PharmSciTech</i> , 2021 , 22, 196	3.9	0
60	Theophylline-nicotinamide pharmaceutical co-crystals generated using hot melt extrusion technology: Impact of polymeric carriers on processability. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 61,	4.5	3
59	Quality-by-design in hot melt extrusion based amorphous solid dispersions: An industrial perspective on product development. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 158, 105655	5.1	16
58	Pharmaceutical Co-Crystals, Salts, and Co-Amorphous Systems: A Novel Opportunity of Hot Melt Extrusion. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 61, 102209-102209	4.5	7
57	Hot-Melt Extruded Amorphous Solid Dispersion for Solubility, Stability, and Bioavailability Enhancement of Telmisartan. <i>Pharmaceutics</i> , 2021 , 14,	5.2	9
56	Novel Application of Hot Melt Extrusion Technology for Preparation and Evaluation of Valacyclovir Hydrochloride Ocular Inserts. <i>AAPS PharmSciTech</i> , 2021 , 22, 48	3.9	2
55	A One-Step Twin-Screw Melt Granulation with Gelucire 48/16 and Surface Adsorbent to Improve the Solubility of Poorly Soluble Drugs: Effect of Formulation Variables on Dissolution and Stability. <i>AAPS PharmSciTech</i> , 2021 , 22, 79	3.9	1
54	Improved Dissolution Rate and Intestinal Absorption of Fexofenadine Hydrochloride by the Preparation of Solid Dispersions: In Vitro and In Situ Evaluation. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
53	Application of Hot Melt Extrusion Technology in the Development of Abuse-Deterrent Formulations: An Overview. <i>Current Drug Delivery</i> , 2021 , 18, 4-18	3.2	8
52	Effect of pH Modifiers on the Solubility, Dissolution Rate, and Stability of Telmisartan Solid Dispersions Produced by Hot-melt Extrusion Technology. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 65, 102674-102674	4.5	2

51	Chrono modulated multiple unit particulate systems (MUPS) via a continuous hot melt double extrusion technique: Investigation of the formulation and process suitability. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021 , 168, 184-194	5.7	0
50	Formulation development of itraconazole PEGylated nano-lipid carriers for pulmonary aspergillosis using hot-melt extrusion technology. <i>International Journal of Pharmaceutics: X</i> , 2021 , 3, 100074	3.2	5
49	Polymer-Assisted Aripiprazole-Adipic Acid Cocrystals Produced by Hot Melt Extrusion Techniques. <i>Crystal Growth and Design</i> , 2020 , 20, 4335-4345	3.5	17
48	Hot melt extrusion paired fused deposition modeling 3D printing to develop hydroxypropyl cellulose based floating tablets of cinnarizine. <i>Carbohydrate Polymers</i> , 2020 , 246, 116519	10.3	37
47	Continuous twin screw granulation - An advanced alternative granulation technology for use in the pharmaceutical industry. <i>International Journal of Pharmaceutics</i> , 2020 , 580, 119215	6.5	21
46	Novel Gastroretentive Floating Pulsatile Drug Delivery System Produced via Hot-Melt Extrusion and Fused Deposition Modeling 3D Printing. <i>Pharmaceutics</i> , 2020 , 12,	6.4	47
45	Hypromellose acetate succinate based amorphous solid dispersions via hot melt extrusion: Effect of drug physicochemical properties. <i>Carbohydrate Polymers</i> , 2020 , 233, 115828	10.3	31
44	Stable amorphous solid dispersions of fenofibrate using hot melt extrusion technology: Effect of formulation and process parameters for a low glass transition temperature drug. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 58,	4.5	13
43	Manufacturing strategies to develop amorphous solid dispersions: An overview. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55,	4.5	30
42	Continuous Manufacturing of Ketoprofen Delayed Release Pellets Using Melt Extrusion Technology: Application of QbD Design Space, Inline Near Infrared, and Inline Pellet Size Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 3598-3607	3.9	6
41	Extended release pellets prepared by hot melt extrusion technique for abuse deterrent potential: Category-1 in-vitro evaluation. <i>International Journal of Pharmaceutics</i> , 2020 , 587, 119624	6.5	10
40	A Comparison Between Lab-Scale and Hot-Melt-Extruder-Based Anti-inflammatory Ointment Manufacturing. <i>AAPS PharmSciTech</i> , 2020 , 21, 200	3.9	7
39	Approaches for developing acyclovir gastro-retentive formulations using hot melt extrusion technology. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 102002	4.5	9
38	Fabrication of Taste-Masked Donut-Shaped Tablets Via Fused Filament Fabrication 3D Printing Paired with Hot-Melt Extrusion Techniques. <i>AAPS PharmSciTech</i> , 2020 , 21, 243	3.9	18
37	Preparation and evaluation of cefuroxime axetil gastro-retentive floating drug delivery system via hot melt extrusion technology. <i>International Journal of Pharmaceutics</i> , 2019 , 566, 520-531	6.5	9
36	Processability of AquaSolveLLG polymer by hot-melt extrusion: Effects of pressurized CO on physicochemical properties and API stability. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 165-176	4.5	8
35	An update on the contribution of hot-melt extrusion technology to novel drug delivery in the twenty-first century: part II. <i>Expert Opinion on Drug Delivery</i> , 2019 , 16, 567-582	8	24
34	Development and evaluation of pharmaceutical 3D printability for hot melt extruded cellulose-based filaments. <i>Journal of Drug Delivery Science and Technology</i> , 2019 , 52, 292-302	4.5	28

33	An update on the contribution of hot-melt extrusion technology to novel drug delivery in the twenty-first century: part I. <i>Expert Opinion on Drug Delivery</i> , 2019 , 16, 539-550	8	23
32	Exploratory studies in heat-assisted continuous twin-screw dry granulation: A novel alternative technique to conventional dry granulation. <i>International Journal of Pharmaceutics</i> , 2019 , 555, 380-393	6.5	19
31	Formulation of aripiprazole-loaded pH-modulated solid dispersions via hot-melt extrusion technology: In vitro and in vivo studies. <i>International Journal of Pharmaceutics</i> , 2019 , 554, 302-311	6.5	29
30	Effects of formulation composition on the characteristics of mucoadhesive films prepared by hot-melt extrusion technology. <i>Journal of Pharmacy and Pharmacology</i> , 2019 , 71, 293-305	4.8	15
29	Melt extrusion with poorly soluble drugs - An integrated review. <i>International Journal of Pharmaceutics</i> , 2018 , 535, 68-85	6.5	120
28	Preparation of a crystalline salt of indomethacin and tromethamine by hot melt extrusion technology. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 131, 109-119	5.7	18
27	Effect of formulation and process variables on lipid based sustained release tablets via continuous twin screw granulation: A comparative study. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 121, 126-138	5.1	24
26	Chronotherapeutic Drug Delivery of Ketoprofen and Ibuprofen for Improved Treatment of Early Morning Stiffness in Arthritis Using Hot-Melt Extrusion Technology. <i>AAPS PharmSciTech</i> , 2018 , 19, 2700-2709	3.9	19
25	Pharmaceutical Additive Manufacturing: a Novel Tool for Complex and Personalized Drug Delivery Systems. <i>AAPS PharmSciTech</i> , 2018 , 19, 3388-3402	3.9	44
24	Lipid-based dispersions of exemestane for improved dissolution rate and intestinal permeability: in vitro and ex vivo characterization. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017 , 45, 917-927	6.1	4
23	Development and preliminary characterization of levofloxacin pharmaceutical cocrystals for dissolution rate enhancement. <i>Journal of Pharmaceutical Investigation</i> , 2017 , 47, 583-591	6.3	18
22	Preparation and characterization of docetaxel self-nanoemulsifying powders (SNEPs): A strategy for improved oral delivery. <i>Korean Journal of Chemical Engineering</i> , 2016 , 33, 1115-1124	2.8	10
21	Solid self-nanoemulsifying drug delivery system (S-SNEDDS) of darunavir for improved dissolution and oral bioavailability: In vitro and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 74, 1-10	5.1	99
20	Competence of raloxifene hydrochloride loaded liquisolid compacts for improved dissolution and intestinal permeation. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 30, 232-241	4.5	15
19	Development of isradipine loaded self-nano emulsifying powders for improved oral delivery: in vitro and in vivo evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2015 , 41, 753-63	3.6	25
18	Development of ketoprofen loaded proliposomal powders for improved gastric absorption and gastric tolerance: in vitro and in situ evaluation. <i>Pharmaceutical Development and Technology</i> , 2015 , 20, 641-51	3.4	11
17	Improved oral bioavailability of fexofenadine hydrochloride using lipid surfactants: ex vivo, in situ and in vivo studies. <i>Drug Development and Industrial Pharmacy</i> , 2014 , 40, 1030-43	3.6	33
16	Enhancement of Solubility and Dissolution Rate of Loratadine with Gelucire 50/13. <i>Journal of Pharmaceutical Innovation</i> , 2014 , 9, 141-149	1.8	12

15	Proliposome powders for enhanced intestinal absorption and bioavailability of raloxifene hydrochloride: effect of surface charge. <i>Drug Development and Industrial Pharmacy</i> , 2013 , 39, 1895-906	3.6	25
14	A Gelucire 44/14 and labrasol based solid self emulsifying drug delivery system: formulation and evaluation. <i>Journal of Pharmaceutical Investigation</i> , 2013 , 43, 185-196	6.3	19
13	Enhanced solubility and permeability of exemestane solid dispersion powders for improved oral delivery. <i>Journal of Pharmaceutical Investigation</i> , 2013 , 43, 229-242	6.3	9
12	Proliposomes of lisinopril dihydrate for transdermal delivery: Formulation aspects and evaluation. <i>Korean Journal of Chemical Engineering</i> , 2013 , 30, 1659-1666	2.8	5
11	In situ absorption and relative bioavailability studies of zaleplon loaded self-nanoemulsifying powders. <i>Journal of Microencapsulation</i> , 2013 , 30, 161-72	3.4	19
10	Physicochemical characterization and dissolution enhancement of loratadine by solid dispersion technique. <i>Korean Journal of Chemical Engineering</i> , 2013 , 30, 238-244	2.8	7
9	Oral self emulsifying powder of lercanidipine hydrochloride: Formulation and evaluation. <i>Powder Technology</i> , 2012 , 221, 375-382	5.2	82
8	Bioavailability enhancement of zaleplon via proliposomes: Role of surface charge. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012 , 80, 347-57	5.7	67
7	Solubility enhancement and physicochemical characterization of carvedilol solid dispersion with Gelucire 50/13. <i>Archives of Pharmacal Research</i> , 2011 , 34, 51-7	6.1	36
6	Enhanced bioavailability of exemestane via proliposomes based transdermal delivery. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 3208-3222	3.9	47
5	Transdermal Delivery of Acyclovir Sodium Via Carbopol Gels: Role of Chemical Permeation Enhancers. <i>Letters in Drug Design and Discovery</i> , 2011 , 8, 381-389	0.8	5
4	Formulation and evaluation of multiple tablets as a biphasic gastroretentive floating drug delivery system for fenoverine. <i>Acta Pharmaceutica</i> , 2010 , 60, 89-97	3.2	17
3	Formulation and Characterization of Floating Gelucire Matrices of Metoprolol Succinate. <i>Dissolution Technologies</i> , 2010 , 17, 34-39	1.7	5
2	Design and evaluation of polymeric coated minitablets as multiple unit gastroretentive floating drug delivery systems for furosemide. <i>Journal of Pharmaceutical Sciences</i> , 2009 , 98, 2122-32	3.9	33
1	High Performance Liquid Chromatographic Determination of Fenoverine in Human Serum: Application to Pharmacokinetic Study. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 31, 2101-2112	1.3	2