

Suresh Bandari

List of Publications by Citations

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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 | Melt extrusion with poorly soluble drugs - An integrated review. <i>International Journal of Pharmaceutics</i> , 2018 , 535, 68-85 | 6.5 | 120 |
| 67 | 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 |
| 66 | Oral self emulsifying powder of lercanidipine hydrochloride: Formulation and evaluation. <i>Powder Technology</i> , 2012 , 221, 375-382 | 5.2 | 82 |
| 65 | 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 |
| 64 | Enhanced bioavailability of exemestane via proliposomes based transdermal delivery. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 3208-3222 | 3.9 | 47 |
| 63 | 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 |
| 62 | Pharmaceutical Additive Manufacturing: a Novel Tool for Complex and Personalized Drug Delivery Systems. <i>AAPS PharmSciTech</i> , 2018 , 19, 3388-3402 | 3.9 | 44 |
| 61 | 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 |
| 60 | 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 |
| 59 | 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 |
| 58 | 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 |
| 57 | 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 |
| 56 | Manufacturing strategies to develop amorphous solid dispersions: An overview. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 55, | 4.5 | 30 |
| 55 | 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 |
| 54 | 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 |
| 53 | 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 |
| 52 | 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 |

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| 51 | 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 |
| 50 | 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 |
| 49 | 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 |
| 48 | 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 |
| 47 | 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 |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | 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 |

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| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | Hot-Melt Extruded Amorphous Solid Dispersion for Solubility, Stability, and Bioavailability Enhancement of Telmisartan. <i>Pharmaceutics</i> , 2021 , 14, | 5.2 | 9 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |
| 21 | A Comparison Between Lab-Scale and Hot-Melt-Extruder-Based Anti-inflammatory Ointment Manufacturing. <i>AAPS PharmSciTech</i> , 2020 , 21, 200 | 3.9 | 7 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | Formulation and Characterization of Floating Gelucire Matrices of Metoprolol Succinate. <i>Dissolution Technologies</i> , 2010 , 17, 34-39 | 1.7 | 5 |
| 16 | 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 |

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| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | Creation of Hydrochlorothiazide Pharmaceutical Cocrystals Via Hot-Melt Extrusion for Enhanced Solubility and Permeability.. <i>AAPS PharmSciTech</i> , 2022 , 23, 56 | 3.9 | 1 |
| 6 | 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 |
| 5 | 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 |
| 4 | 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 |
| 3 | 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 |
| 2 | 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 |
| 1 | Preliminary investigation of peroxide levels of Plasdone [®] Copovidones 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 |