Jun-Bom Park

List of Publications by Year
in descending order

49 papers	942 citations	489802 18 h-index	536525 29 g-index
49 all docs	49 docs citations	49 times ranked	1318 citing authors

#	Article	IF	Citations
1	Release Kinetics of Hydroxypropyl Methylcellulose Governing Drug Release and Hydrodynamic Changes of Matrix Tablet. Current Drug Delivery, 2022, 19, 520-533.	0.8	4
2	Development of Pelubiprofen Tromethamine with Improved Gastrointestinal Safety and Absorption. Pharmaceutics, 2021, 13, 745.	2.0	5
3	Effect of pH adjustment and ratio of oppositely charged polymers on the mechanistic performance and sustained release of volatile perfume in interpolyelectrolyte complex microcapsules. International Journal of Pharmaceutics, 2021, 604, 120672.	2.6	1
4	Modulation of the clinically accessible gelation time using glucono-d-lactone and pyridoxal 5â€²-phosphate for long-acting alginate in situ forming gel injectable. Carbohydrate Polymers, 2021, 272, 118453.	5.1	9
5	Improved Bioavailability of Poorly Water-Soluble Drug by Targeting Increased Absorption through Solubility Enhancement and Precipitation Inhibition. Pharmaceuticals, 2021, 14, 1255.	1.7	3
6	Utilization of a fattigation platform gelatin-oleic acid sodium salt conjugate as a novel solubilizing adjuvant for poorly water-soluble drugs via self-assembly and nanonization. International Journal of Pharmaceutics, 2020, 575, 118892.	2.6	16
7	Development and Validation of an LC-MS/MS Assay to Quantitate 2â€²,4â€²,6â€²-Trihydroxyacetophenone in Rat and Dog Plasma and its Application to a Pharmacokinetic Study. Molecules, 2020, 25, 4373.	1.7	0
8	Preparation of Hot-Melt Extruded Dosage Form for Enhancing Drugs Absorption Based on Computational Simulation. Pharmaceutics, 2020, 12, 757.	2.0	0
9	Preparation and evaluation of identifiable quick response (QR)-coded orodispersible films using 3D printer with directly feeding nozzle. International Journal of Pharmaceutics, 2020, 584, 119405.	2.6	23
10	Preparation of celecoxib tablet by hot melt extrusion technology and application of process analysis technology to discriminate solubilization effect. Pharmaceutical Development and Technology, 2020, 25, 525-534.	1.1	8
11	Fabrication of Intragastric Floating, Controlled Release 3D Printed Theophylline Tablets Using Hot-Melt Extrusion and Fused Deposition Modeling. Pharmaceutics, 2020, 12, 77.	2.0	64
12	Customized Novel Design of 3D Printed Pregabalin Tablets for Intra-Gastric Floating and Controlled Release Using Fused Deposition Modeling. Pharmaceutics, 2019, 11, 564.	2.0	64
13	Investigation of Crystallization and Salt Formation of Poorly Water-Soluble Telmisartan for Enhanced Solubility. Pharmaceutics, 2019, 11, 102.	2.0	15
14	Double controlled release of highly insoluble cilostazol using surfactant-driven pH dependent and pH-independent polymeric blends and in vivo bioavailability in beagle dogs. International Journal of Pharmaceutics, 2019, 558, 284-290.	2.6	12
15	Design and evaluation of clickable gelatin-oleic nanoparticles using fattigation-platform for cancer therapy. International Journal of Pharmaceutics, 2018, 545, 101-112.	2.6	32
16	Granulation development in batch-to-batch and continuous processes from a quality by design perspective. Journal of Drug Delivery Science and Technology, 2018, 46, 34-45.	1.4	6
17	Reprecipitation of poorly water-soluble cilostazol crystals using adsorbing carriers for enhanced dissolution and physicochemical modification. Journal of Drug Delivery Science and Technology, 2018, 43, 477-486.	1.4	15
18	New blends of hydroxypropylmethylcellulose and Gelucire 44/14: physical property and controlled release of drugs with different solubility. Journal of Pharmaceutical Investigation, 2018, 48, 313-321.	2.7	11

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19	In Vitro-In Vivo Correlation Using In Silico Modeling of Physiological Properties, Metabolites, and Intestinal Metabolism. Current Drug Metabolism, 2018, 18, 973-982.	0.7	5
20	pH-independent controlled release tablets containing nanonizing valsartan solid dispersions for less variable bioavailability in humans. Journal of Drug Delivery Science and Technology, 2018, 46, 365-377.	1.4	18
21	Preparation of Sustained Release Tablet with Minimized Usage of Glyceryl Behenate Using Post-Heating Method. AAPS PharmSciTech, 2018, 19, 3067-3075.	1.5	4
22	Investigation of the combined effect of MgO and PEG on the release profile of mefenamic acid prepared via hot-melt extrusion techniques. Pharmaceutical Development and Technology, 2017, 22, 740-753.	1.1	11
23	Process analytical quality control of tailored drug release formulation prepared via hot-melt extrusion technology. Journal of Drug Delivery Science and Technology, 2017, 38, 51-58.	1.4	20
24	Advances in hot-melt extrusion technology toward pharmaceutical objectives. Journal of Pharmaceutical Investigation, 2017, 47, 123-132.	2.7	41
25	Development of a Process Analytical Technology(PAT) method using near-infrared spectroscopy system for evaluating an active coating process for a low-dose drug. Journal of Drug Delivery Science and Technology, 2017, 39, 8-15.	1.4	9
26	Design of fixed dose combination and physicochemical characterization of enteric-coated bilayer tablet with circadian rhythmic variations containing telmisartan and pravastatin sodium. International Journal of Pharmaceutics, 2017, 523, 343-356.	2.6	12
27	Preparation and evaluation of enteric coated tablets of hot-melt extruded lansoprazole. Drug Development and Industrial Pharmacy, 2017, 43, 789-796.	0.9	29
28	Influence of pressurized carbon dioxide on ketoprofen-incorporated hot-melt extruded low molecular weight hydroxypropylcellulose. Drug Development and Industrial Pharmacy, 2016, 42, 123-130.	0.9	22
29	Preparation and Evaluation of Hot-Melt Extruded Patient-Centric Ketoprofen Mini-Tablets. Current Drug Delivery, 2016, 13, 730-741.	0.8	16
30	Stability-enhanced Hot-melt Extruded Amorphous Solid Dispersions via Combinations of SoluplusÂ® and HPMCAS-HF. AAPS PharmSciTech, 2015, 16, 824-834.	1.5	76
31	Modulation of microenvironmental pH and utilization of alkalizers in crystalline solid dispersion for enhanced solubility and stability of clarithromicin. Archives of Pharmacal Research, 2015, 38, 839-848.	2.7	23
32	Effects of absorbent materials on a self-emulsifying drug delivery system for a poorly water soluble drug. Journal of Pharmaceutical Investigation, 2015, 45, 529-539.	2.7	14
33	Influence of molecular weight of carriers and processing parameters on the extrudability, drug release, and stability of fenofibrate formulations processed by hot-melt extrusion. Journal of Drug Delivery Science and Technology, 2015, 29, 189-198.	1.4	17
34	Mefenamic acid taste-masked oral disintegrating tablets with enhanced solubility via molecular interaction produced by hot melt extrusion technology. Journal of Drug Delivery Science and Technology, 2015, 27, 18-27.	1.4	47
35	Development of taste masked caffeine citrate formulations utilizing hot melt extrusion technology and in vitroâ€“in vivo evaluations. International Journal of Pharmaceutics, 2015, 487, 167-176.	2.6	54
36	Development and pharmaceutical approach for sustained-released metformin succinate tablets. Journal of Drug Delivery Science and Technology, 2015, 30, 90-99.	1.4	16

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37	Hepatoprotective effects of dual-coated and uncoated mixture of probiotics in rats. Biotechnology and Biotechnological Equipment, 2015, 29, 1164-1168.	0.5	6
38	The Effects of Screw Configuration and Polymeric Carriers on Hot-Melt Extruded Taste-Masked Formulations Incorporated into Orally Disintegrating Tablets. Journal of Pharmaceutical Sciences, 2015, 104, 124-134.	1.6	34
39	Development of an antifungal denture adhesive film for oral candidiasis utilizing hot melt extrusion technology. Expert Opinion on Drug Delivery, 2015, 12, 1-13.	2.4	42
40	Development of Gastric Retentive Bi-layered Tablet using Floating Drug Delivery System. Journal of the Korea Academia-Industrial Cooperation Society, 2015, 16, 7549-7554.	0.0	2
41	Improvement of photostability and dissolution profile of isradipine using inclusion complex. Journal of Pharmaceutical Investigation, 2013, 43, 55-61.	2.7	13
42	New investigation of distribution imaging and content uniformity of very low dose drugs using hot-melt extrusion method. International Journal of Pharmaceutics, 2013, 458, 245-253.	2.6	30
43	Drug Release-Modulating Mechanism of Hydrophilic Hydroxypropylmethylcellulose Matrix Tablets: Distribution of Atoms and Carrier and Texture Analysis. Current Drug Delivery, 2013, 10, 732-741.	0.8	9
44	Effects of solvents and crystallization conditions on the polymorphic behaviors and dissolution rates of valsartan. Archives of Pharmacal Research, 2012, 35, 1223-1230.	2.7	19
45	Enhanced transdermal delivery and optimization of nano-liposome preparation using hydrophilic drug. Journal of Pharmaceutical Investigation, 2012, 42, 57-63.	2.7	9
46	Dissolution-Enhancing Mechanism of Alkalizers in Poloxamer-Based Solid Dispersions and Physical Mixtures Containing Poorly Water-Soluble Valsartan. Chemical and Pharmaceutical Bulletin, 2011, 59, 844-850.	0.6	27
47	Investigation of physicochemical factors affecting the stability of a pH-modulated solid dispersion and a tablet during storage. International Journal of Pharmaceutics, 2011, 414, 48-55.	2.6	23
48	Preparation and Characterization of Simvastatin Solid Dispersion using Aqueous Solvent. Journal of Pharmaceutical Investigation, 2011, 41, 239-247.	2.7	4
49	Physical Properties of Gelucire-based Solid Dispersions Containing Lacidipine and Release Profiles. Journal of Korean Pharmaceutical Sciences, 2010, 40, 9-14.	0.1	2