

Chulhun Park

List of Publications by Year in descending order

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40
papers

1,069
citations

623734

14
h-index

414414

32
g-index

40
all docs

40
docs citations

40
times ranked

1583
citing authors

#	ARTICLE	IF	CITATIONS
1	Current trends and future perspectives of solid dispersions containing poorly water-soluble drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 799-813.	4.3	508
2	New method and characterization of self-assembled gelatin-oleic nanoparticles using a desolvation method via carbodiimide/N-hydroxysuccinimide (EDC/NHS) reaction. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 89, 365-373.	4.3	63
3	Modulation of serum albumin protein corona for exploring cellular behaviors of fattigation-platform nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 179-186.	5.0	41
4	Design and evaluation of clickable gelatin-oleic nanoparticles using fattigation-platform for cancer therapy. <i>International Journal of Pharmaceutics</i> , 2018, 545, 101-112.	5.2	32
5	Investigation of biomimetic shear stress on cellular uptake and mechanism of polystyrene nanoparticles in various cancer cell lines. <i>Archives of Pharmacal Research</i> , 2016, 39, 1663-1670.	6.3	26
6	Preparation and evaluation of identifiable quick response (QR)-coded orodispersible films using 3D printer with directly feeding nozzle. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119405.	5.2	23
7	Effects of shear stress on the cellular distribution of polystyrene nanoparticles in a biomimetic microfluidic system. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 31, 130-136.	3.0	22
8	Fattigation-platform nanoparticles using apo-transferrin stearic acid as a core for receptor-oriented cancer targeting. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 571-579.	5.0	21
9	Development of a novel cannabinoid-loaded microemulsion towards an improved stability and transdermal delivery. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120766.	5.2	21
10	pH-independent controlled release tablets containing nanonizing valsartan solid dispersions for less variable bioavailability in humans. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 365-377.	3.0	18
11	The roles of short and long chain fatty acids on physicochemical properties and improved cancer targeting of albumin-based fattigation-platform nanoparticles containing doxorubicin. <i>International Journal of Pharmaceutics</i> , 2019, 564, 124-135.	5.2	18
12	Improving the dissolution rate of a poorly water-soluble drug via adsorption onto pharmaceutical diluents. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 35, 146-154.	3.0	17
13	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. <i>International Journal of Pharmaceutics</i> , 2020, 575, 118892.	5.2	16
14	Shear Stress-Dependent Targeting Efficiency Using Self-Assembled Gelatin-Oleic Nanoparticles in a Biomimetic Microfluidic System. <i>Pharmaceutics</i> , 2020, 12, 555.	4.5	16
15	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.	3.0	15
16	Investigation of Crystallization and Salt Formation of Poorly Water-Soluble Telmisartan for Enhanced Solubility. <i>Pharmaceutics</i> , 2019, 11, 102.	4.5	15
17	Fatty acid chain length impacts nanonizing capacity of albumin-fatty acid nanomicelles: Enhanced physicochemical property and cellular delivery of poorly water-soluble drug. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 152, 257-269.	4.3	15
18	Combinatory interpretation of protein corona and shear stress for active cancer targeting of bioorthogonally clickable gelatin-oleic nanoparticles. <i>Materials Science and Engineering C</i> , 2020, 111, 110760.	7.3	14

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19	Role of Surfactant Micellization for Enhanced Dissolution of Poorly Water-Soluble Cilostazol Using Poloxamer 407-Based Solid Dispersion via the Anti-Solvent Method. <i>Pharmaceutics</i> , 2021, 13, 662.	4.5	14
20	Mechanistic understanding of salt-induced drug encapsulation in nanosuspension via acid-base neutralization as a nanonization platform technology to enhance dissolution rate of pH-dependent poorly water-soluble drugs. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 8-17.	4.3	13
21	Design of fixed dose combination and physicochemical characterization of enteric-coated bilayer tablet with circadian rhythmic variations containing telmisartan and pravastatin sodium. <i>International Journal of Pharmaceutics</i> , 2017, 523, 343-356.	5.2	12
22	Double controlled release of highly insoluble cilostazol using surfactant-driven pH dependent and pH-independent polymeric blends and in vivo bioavailability in beagle dogs. <i>International Journal of Pharmaceutics</i> , 2019, 558, 284-290.	5.2	12
23	Importance of the fatty acid chain length on in vitro and in vivo anticancer activity of farnesylated albumin nanoparticles in human colorectal cancer xenograft mice model. <i>Journal of Controlled Release</i> , 2020, 324, 55-68.	9.9	12
24	Effect of biomimetic shear stress on intracellular uptake and cell-killing efficiency of doxorubicin in a free and liposomal formulation. <i>International Journal of Pharmaceutics</i> , 2016, 510, 42-47.	5.2	11
25	New blends of hydroxypropylmethylcellulose and Gelucire 44/14: physical property and controlled release of drugs with different solubility. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 313-321.	5.3	11
26	Micromeritic properties and instrumental analysis of physical mixtures and solid dispersions with adsorbent containing losartan: Comparison of dissolution-differentiating factors. <i>Powder Technology</i> , 2015, 272, 269-275.	4.2	10
27	Biomimetic shear stress and nanoparticulate drug delivery. <i>Journal of Pharmaceutical Investigation</i> , 2017, 47, 133-139.	5.3	9
28	Modulation of microenvironmental pH for dual release and reduced in vivo gastrointestinal bleeding of aceclofenac using hydroxypropyl methylcellulose-based bilayered matrix tablet. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 102, 85-93.	4.0	9
29	Are the release characteristics of Erzhi pills in line with traditional Chinese medicine theory? A quantitative study. <i>Journal of Integrative Medicine</i> , 2021, 19, 50-55.	3.1	9
30	Modulation of the clinically accessible gelation time using glucono-d-lactone and pyridoxal 5-phosphate for long-acting alginate in situ forming gel injectable. <i>Carbohydrate Polymers</i> , 2021, 272, 118453.	10.2	9
31	Patient-centered drug delivery and its potential applications for unmet medical needs. <i>Therapeutic Delivery</i> , 2017, 8, 775-790.	2.2	8
32	Traditional Chinese Medicine "Pill", an Ancient Dosage Form with Surprising Modern Pharmaceutical Characteristics. <i>Pharmaceutical Research</i> , 2021, 38, 199-211.	3.5	7
33	Double-Controlled Release of Poorly Water-Soluble Paliperidone Palmitate from Self-Assembled Albumin-Oleic Acid Nanoparticles in PLGA in situ Forming Implant. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2819-2831.	6.7	4
34	Release Kinetics of Hydroxypropyl Methylcellulose Governing Drug Release and Hydrodynamic Changes of Matrix Tablet. <i>Current Drug Delivery</i> , 2022, 19, 520-533.	1.6	4
35	Evaluation of the impact of abuse deterring agents on the physicochemical factors of tramadol-loaded tablet and the definition of new abuse deterrent index. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120726.	5.2	3
36	Electrostatic molecular effect of differently charged surfactants on the solubilization capacity and physicochemical properties of salt-caged nanosuspensions containing pH-dependent and poorly water-soluble rebamipide. <i>International Journal of Pharmaceutics</i> , 2022, 619, 121686.	5.2	3

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37	Improved Bioavailability of Poorly Water-Soluble Drug by Targeting Increased Absorption through Solubility Enhancement and Precipitation Inhibition. <i>Pharmaceuticals</i> , 2021, 14, 1255.	3.8	3
38	In Vitro Evaluation of a Foamable Microemulsion Towards an Improved Topical Delivery of Diclofenac Sodium. <i>AAPS PharmSciTech</i> , 2022, 23, 102.	3.3	2
39	Design and evaluation of in vivo bioavailability in beagle dogs of bilayer tablet consisting of immediate release nanosuspension and sustained release layers of rebamipide. <i>International Journal of Pharmaceutics</i> , 2022, 619, 121718.	5.2	2
40	Effect of pH adjustment and ratio of oppositely charged polymers on the mechanistic performance and sustained release of volatile perfume in interpolyelectrolyte complex microcapsules. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120672.	5.2	1