

Keisuke Ueda

List of Publications by Citations

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52
papers

774
citations

18
h-index

26
g-index

57
ext. papers

1,009
ext. citations

5.6
avg, IF

4.7
L-index

#	Paper	IF	Citations
52	Inhibitory effect of hydroxypropyl methylcellulose acetate succinate on drug recrystallization from a supersaturated solution assessed using nuclear magnetic resonance measurements. <i>Molecular Pharmaceutics</i> , 2013 , 10, 3801-11	5.6	80
51	The effect of HPMCAS functional groups on drug crystallization from the supersaturated state and dissolution improvement. <i>International Journal of Pharmaceutics</i> , 2014 , 464, 205-13	6.5	76
50	Mechanistic differences in permeation behavior of supersaturated and solubilized solutions of carbamazepine revealed by nuclear magnetic resonance measurements. <i>Molecular Pharmaceutics</i> , 2012 , 9, 3023-33	5.6	52
49	Recent progress of structural study of polymorphic pharmaceutical drugs. <i>Advanced Drug Delivery Reviews</i> , 2017 , 117, 71-85	18.5	46
48	Synergetic Role of Hypromellose and Methacrylic Acid Copolymer in the Dissolution Improvement of Amorphous Solid Dispersions. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 1042-1050	3.9	30
47	Direct NMR Monitoring of Phase Separation Behavior of Highly Supersaturated Nifedipine Solution Stabilized with Hypromellose Derivatives. <i>Molecular Pharmaceutics</i> , 2017 , 14, 2314-2322	5.6	27
46	An Insight into Different Stabilization Mechanisms of Phenytoin Derivatives Supersaturation by HPMC and PVP. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 2574-82	3.9	26
45	Drug solubilization mechanism of Eglucosyl stevia by NMR spectroscopy. <i>International Journal of Pharmaceutics</i> , 2014 , 465, 255-61	6.5	25
44	Inhibition mechanism of hydroxypropyl methylcellulose acetate succinate on drug crystallization in gastrointestinal fluid and drug permeability from a supersaturated solution. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 62, 293-300	5.1	25
43	Nano-scale and molecular-level understanding of wet-milled indomethacin/poloxamer 407 nanosuspension with TEM, suspended-state NMR, and Raman measurements. <i>International Journal of Pharmaceutics</i> , 2018 , 537, 30-39	6.5	23
42	Mechanism of Enhanced Nifedipine Dissolution by Polymer-Blended Solid Dispersion through Molecular-Level Characterization. <i>Molecular Pharmaceutics</i> , 2018 , 15, 4099-4109	5.6	21
41	Effect of Drug-Polymer Interactions through Hypromellose Acetate Succinate Substituents on the Physical Stability on Solid Dispersions Studied by Fourier-Transform Infrared and Solid-State Nuclear Magnetic Resonance. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2785-2794	5.6	20
40	Mechanistic elucidation of formation of drug-rich amorphous nanodroplets by dissolution of the solid dispersion formulation. <i>International Journal of Pharmaceutics</i> , 2019 , 561, 82-92	6.5	20
39	Equilibrium state at supersaturated drug concentration achieved by hydroxypropyl methylcellulose acetate succinate: molecular characterization using (1)H NMR technique. <i>Molecular Pharmaceutics</i> , 2015 , 12, 1096-104	5.6	20
38	Polymer Type Impacts Amorphous Solubility and Drug-Rich Phase Colloidal Stability: A Mechanistic Study Using Nuclear Magnetic Resonance Spectroscopy. <i>Molecular Pharmaceutics</i> , 2020 , 17, 1352-1362	5.6	19
37	In situ molecular elucidation of drug supersaturation achieved by nano-sizing and amorphization of poorly water-soluble drug. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 77, 79-89	5.1	19
36	Molecular-Level Understanding of the Encapsulation and Dissolution of Poorly Water-Soluble Ibuprofen by Functionalized Organic Nanotubes Using Solid-State NMR Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 4496-507	3.4	19

35	Cryo-TEM and AFM Observation of the Time-Dependent Evolution of Amorphous Probuco ^l Nanoparticles Formed by the Aqueous Dispersion of Ternary Solid Dispersions. <i>Molecular Pharmaceutics</i> , 2019 , 16, 2184-2198	5.6	18
34	Impact of Hypromellose Acetate Succinate Grade on Drug Amorphous Solubility and In Vitro Membrane Transport. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 2464-2473	3.9	16
33	Molecular Mobility Suppression of Ibuprofen-Rich Amorphous Nanodroplets by HPMC Revealed by NMR Relaxometry and Its Significance with Respect to Crystallization Inhibition. <i>Molecular Pharmaceutics</i> , 2019 , 16, 4968-4977	5.6	15
32	Combined effects of the drug distribution and mucus diffusion properties of self-microemulsifying drug delivery systems on the oral absorption of fenofibrate. <i>International Journal of Pharmaceutics</i> , 2018 , 546, 263-271	6.5	15
31	Nondestructive Multicomponent Terahertz Chemical Imaging of Medicine in Tablets. <i>Journal of the Electrochemical Society</i> , 2014 , 161, B171-B175	3.9	14
30	Nano-sized crystalline drug production by milling technology. <i>Current Pharmaceutical Design</i> , 2013 , 19, 6246-58	3.3	14
29	Partitioning of surfactant into drug-rich nanodroplets and its impact on drug thermodynamic activity and droplet size. <i>Journal of Controlled Release</i> , 2021 , 330, 229-243	11.7	14
28	Effect of molecular weight of hypromellose on mucin diffusion and oral absorption behavior of fenofibrate nanocrystal. <i>International Journal of Pharmaceutics</i> , 2019 , 564, 39-47	6.5	11
27	Application of Solid-State NMR Relaxometry for Characterization and Formulation Optimization of Grinding-Induced Drug Nanoparticle. <i>Molecular Pharmaceutics</i> , 2016 , 13, 852-62	5.6	11
26	Morphological and Physicochemical Evaluation of Two Distinct Glibenclamide/Hypromellose Amorphous Nanoparticles Prepared by the Antisolvent Method. <i>Molecular Pharmaceutics</i> , 2018 , 15, 1587-1597 ^{5,6,10}	5.6	10
25	Determination of Nonspherical Morphology of Doxorubicin-Loaded Liposomes by Atomic Force Microscopy. <i>Journal of Pharmaceutical Sciences</i> , 2018 , 107, 717-726	3.9	10
24	Molecular-level elucidation of saccharin-assisted rapid dissolution and high supersaturation level of drug from Eudragit E solid dispersion. <i>International Journal of Pharmaceutics</i> , 2018 , 538, 57-64	6.5	9
23	Effect of guest drug character encapsulated in the cavity and intermolecular spaces of Cyclodextrins on the dissolution property of ternary Cyclodextrin complex. <i>International Journal of Pharmaceutics</i> , 2017 , 531, 543-549	6.5	8
22	Effect of drug-coformer interactions on drug dissolution from a coamorphous in mesoporous silica. <i>International Journal of Pharmaceutics</i> , 2021 , 600, 120492	6.5	7
21	Solid-Phase Mediated Methodology To Incorporate Drug into Intermolecular Spaces of Cyclodextrin Columns in Polyethylene Glycol/Cyclodextrin-Polypseudorotaxanes by Cogrinding and Subsequent Heating. <i>Crystal Growth and Design</i> , 2017 , 17, 1055-1068	3.5	6
20	Correlation between drug dissolution and resistance to water-induced phase separation in solid dispersion formulations revealed by solid-state NMR spectroscopy. <i>International Journal of Pharmaceutics</i> , 2020 , 577, 119086	6.5	6
19	Structural elucidation of a novel transglycosylated compound β -glucosyl rhoifolin and of β -glucosyl rutin by NMR spectroscopy. <i>Carbohydrate Research</i> , 2017 , 443-444, 37-41	2.9	5
18	Intermolecular Interactions between Drugs and Aminoalkyl Methacrylate Copolymer in Solution to Enhance the Concentration of Poorly Water-Soluble Drugs. <i>Chemical and Pharmaceutical Bulletin</i> , 2019 , 67, 906-914	1.9	5

17	Application of solid-state C relaxation time to prediction of the recrystallization inhibition strength of polymers on amorphous felodipine at low polymer loading. <i>International Journal of Pharmaceutics</i> , 2020 , 581, 119300	6.5	5
16	Effect of Polymer Species on Maximum Aqueous Phase Supersaturation Revealed by Quantitative Nuclear Magnetic Resonance Spectroscopy. <i>Molecular Pharmaceutics</i> , 2021 , 18, 1344-1355	5.6	5
15	Stabilization mechanism of amorphous carbamazepine by transglycosylated rutin, a non-polymeric amorphous additive with a high glass transition temperature. <i>International Journal of Pharmaceutics</i> , 2021 , 600, 120491	6.5	3
14	Amorphous Drug Solubility and Maximum Free Drug Concentrations in Cyclodextrin Solutions: A Quantitative Study Using NMR Diffusometry. <i>Molecular Pharmaceutics</i> , 2021 , 18, 2764-2776	5.6	3
13	Biopredictive in vitro testing methods to assess intestinal drug absorption from supersaturating dosage forms. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 56, 101275	4.5	3
12	An Insight into Stabilization Mechanism of a Solid Dispersion of Indomethacin/Partially Hydrolyzed Polyvinyl Alcohol Prepared by Hot-Melt Extrusion. <i>Chemical and Pharmaceutical Bulletin</i> , 2018 , 66, 859-865	1.9	3
11	Impact of Surfactants on the Performance of Clopidogrel-Copovidone Amorphous Solid Dispersions: Increased Drug Loading and Stabilization of Nanodroplets.. <i>Pharmaceutical Research</i> , 2022 , 1	4.5	2
10	Clarification of the Dissolution Mechanism of an Indomethacin/Saccharin/Polyvinylpyrrolidone Ternary Solid Dispersion by NMR Spectroscopy. <i>Journal of Pharmaceutical Sciences</i> , 2020 , 109, 3617-3624	2.9	2
9	Morphological changes of doxorubicin-loaded liposomes observed by atomic force microscopy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016 , 11, 60-61	9	1
8	Mechanistic study of preparation of drug/polymer/surfactant ternary hot extrudates to obtain small and stable drug nanocrystal suspensions. <i>International Journal of Pharmaceutics</i> , 2020 , 591, 120003	6.5	1
7	Salt Cocrystallization of Loxoprofen Sodium with Sugar: Reduction of the Propensity for Hydrate Formation by Forming a Continuous One-Dimensional Chain Structure of Sodium and Sugar. <i>Crystal Growth and Design</i> , 2022 , 22, 1094-1103	3.5	1
6	Nanostructure and Molecular-Level Characterization of Aminoalkyl Methacrylate Copolymer and the Impact on Drug Solubilization Ability. <i>Molecular Pharmaceutics</i> , 2021 , 18, 4111-4121	5.6	0
5	Formation mechanism of amorphous drug nanoparticles using the antisolvent precipitation method elucidated by varying the preparation temperature. <i>International Journal of Pharmaceutics</i> , 2021 , 610, 121210	6.5	0
4	The nanostructure of rod-like ascorbyl dipalmitate nanoparticles stabilized by a small amount of DSPE-PEG. <i>International Journal of Pharmaceutics</i> , 2021 , 602, 120599	6.5	0
3	Revealing the mechanism of morphological variation of amorphous drug nanoparticles formed by aqueous dispersion of ternary solid dispersion. <i>International Journal of Pharmaceutics</i> , 2021 , 607, 120984	6.5	0
2	Computational approach to elucidate the formation and stabilization mechanism of amorphous formulation using molecular dynamics simulation and fragment molecular orbital calculation.. <i>International Journal of Pharmaceutics</i> , 2022 , 615, 121477	6.5	0
1	Phase separation of supersaturated drug and its effect on drug absorption. <i>Drug Delivery System</i> , 2018 , 33, 342-343	0	0