

# Keisuke Ueda

## 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.

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	Impact of Surfactants on the Performance of Clopidogrel-Copovidone Amorphous Solid Dispersions: Increased Drug Loading and Stabilization of Nanodroplets.. <i>Pharmaceutical Research</i> , <b>2022</b> , 1	4.5	2
51	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> , <b>2022</b> , 615, 121477	6.5	
50	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> , <b>2022</b> , 22, 1094-1103	3.5	1
49	Nanostructure and Molecular-Level Characterization of Aminoalkyl Methacrylate Copolymer and the Impact on Drug Solubilization Ability. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 4111-4121	5.6	0
48	Formation mechanism of amorphous drug nanoparticles using the antisolvent precipitation method elucidated by varying the preparation temperature. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 610, 121210	6.5	0
47	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> , <b>2021</b> , 600, 120491	6.5	3
46	Effect of drug-coformer interactions on drug dissolution from a coamorphous in mesoporous silica. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 600, 120492	6.5	7
45	Amorphous Drug Solubility and Maximum Free Drug Concentrations in Cyclodextrin Solutions: A Quantitative Study Using NMR Diffusometry. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 2764-2776	5.6	3
44	The nanostructure of rod-like ascorbyl dipalmitate nanoparticles stabilized by a small amount of DSPE-PEG. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 602, 120599	6.5	0
43	Partitioning of surfactant into drug-rich nanodroplets and its impact on drug thermodynamic activity and droplet size. <i>Journal of Controlled Release</i> , <b>2021</b> , 330, 229-243	11.7	14
42	Effect of Polymer Species on Maximum Aqueous Phase Supersaturation Revealed by Quantitative Nuclear Magnetic Resonance Spectroscopy. <i>Molecular Pharmaceutics</i> , <b>2021</b> , 18, 1344-1355	5.6	5
41	Revealing the mechanism of morphological variation of amorphous drug nanoparticles formed by aqueous dispersion of ternary solid dispersion. <i>International Journal of Pharmaceutics</i> , <b>2021</b> , 607, 120984	6.5	0
40	Impact of Hypromellose Acetate Succinate Grade on Drug Amorphous Solubility and In Vitro Membrane Transport. <i>Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 109, 2464-2473	3.9	16
39	Polymer Type Impacts Amorphous Solubility and Drug-Rich Phase Colloidal Stability: A Mechanistic Study Using Nuclear Magnetic Resonance Spectroscopy. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 1352-1362	5.6	19
38	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> , <b>2020</b> , 581, 119300	6.5	5
37	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> , <b>2020</b> , 577, 119086	6.5	6
36	Clarification of the Dissolution Mechanism of an Indomethacin/Saccharin/Polyvinylpyrrolidone Ternary Solid Dispersion by NMR Spectroscopy. <i>Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 109, 3617-3624	2.9	2

35	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> , <b>2020</b> , 591, 120003	6.5	1
34	Biopredictive in vitro testing methods to assess intestinal drug absorption from supersaturating dosage forms. <i>Journal of Drug Delivery Science and Technology</i> , <b>2020</b> , 56, 101275	4.5	3
33	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> , <b>2019</b> , 67, 906-914	1.9	5
32	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> , <b>2019</b> , 16, 2785-2794	5.6	20
31	Effect of molecular weight of hypromellose on mucin diffusion and oral absorption behavior of fenofibrate nanocrystal. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 564, 39-47	6.5	11
30	Mechanistic elucidation of formation of drug-rich amorphous nanodroplets by dissolution of the solid dispersion formulation. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 561, 82-92	6.5	20
29	Cryo-TEM and AFM Observation of the Time-Dependent Evolution of Amorphous Probuocol Nanoparticles Formed by the Aqueous Dispersion of Ternary Solid Dispersions. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 2184-2198	5.6	18
28	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> , <b>2019</b> , 16, 4968-4977	5.6	15
27	Morphological and Physicochemical Evaluation of Two Distinct Glibenclamide/Hypromellose Amorphous Nanoparticles Prepared by the Antisolvent Method. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 1587-1597	5.6	10
26	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> , <b>2018</b> , 538, 57-64	6.5	9
25	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> , <b>2018</b> , 537, 30-39	6.5	23
24	Mechanism of Enhanced Nifedipine Dissolution by Polymer-Blended Solid Dispersion through Molecular-Level Characterization. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 4099-4109	5.6	21
23	Determination of Nonspherical Morphology of Doxorubicin-Loaded Liposomes by Atomic Force Microscopy. <i>Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 107, 717-726	3.9	10
22	Phase separation of supersaturated drug and its effect on drug absorption. <i>Drug Delivery System</i> , <b>2018</b> , 33, 342-343	0	
21	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> , <b>2018</b> , 66, 859-865	1.9	3
20	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> , <b>2018</b> , 546, 263-271	6.5	15
19	Solid-Phase Mediated Methodology To Incorporate Drug into Intermolecular Spaces of Cyclodextrin Columns in Polyethylene Glycol/Cyclodextrin-Polypseudorotaxanes by Cogrounding and Subsequent Heating. <i>Crystal Growth and Design</i> , <b>2017</b> , 17, 1055-1068	3.5	6
18	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> , <b>2017</b> , 531, 543-549	6.5	8

17	Structural elucidation of a novel transglycosylated compound Eglucosyl rhoifolin and of Eglucosyl rutin by NMR spectroscopy. <i>Carbohydrate Research</i> , <b>2017</b> , 443-444, 37-41	2.9	5
16	Recent progress of structural study of polymorphic pharmaceutical drugs. <i>Advanced Drug Delivery Reviews</i> , <b>2017</b> , 117, 71-85	18.5	46
15	Synergetic Role of Hypromellose and Methacrylic Acid Copolymer in the Dissolution Improvement of Amorphous Solid Dispersions. <i>Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 1042-1050	3.9	30
14	Direct NMR Monitoring of Phase Separation Behavior of Highly Supersaturated Nifedipine Solution Stabilized with Hypromellose Derivatives. <i>Molecular Pharmaceutics</i> , <b>2017</b> , 14, 2314-2322	5.6	27
13	Morphological changes of doxorubicin-loaded liposomes observed by atomic force microscopy. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 11, 60-61	9	1
12	Application of Solid-State NMR Relaxometry for Characterization and Formulation Optimization of Grinding-Induced Drug Nanoparticle. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 852-62	5.6	11
11	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> , <b>2016</b> , 120, 4496-507	3.4	19
10	Equilibrium state at supersaturated drug concentration achieved by hydroxypropyl methylcellulose acetate succinate: molecular characterization using (1)H NMR technique. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 1096-104	5.6	20
9	An Insight into Different Stabilization Mechanisms of Phenytoin Derivatives Supersaturation by HPMC and PVP. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 2574-82	3.9	26
8	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> , <b>2015</b> , 77, 79-89	5.1	19
7	The effect of HPMCAS functional groups on drug crystallization from the supersaturated state and dissolution improvement. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 464, 205-13	6.5	76
6	Nondestructive Multicomponent Terahertz Chemical Imaging of Medicine in Tablets. <i>Journal of the Electrochemical Society</i> , <b>2014</b> , 161, B171-B175	3.9	14
5	Drug solubilization mechanism of Eglucosyl stevia by NMR spectroscopy. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 465, 255-61	6.5	25
4	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> , <b>2014</b> , 62, 293-300	5.1	25
3	Inhibitory effect of hydroxypropyl methylcellulose acetate succinate on drug recrystallization from a supersaturated solution assessed using nuclear magnetic resonance measurements. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 3801-11	5.6	80
2	Nano-sized crystalline drug production by milling technology. <i>Current Pharmaceutical Design</i> , <b>2013</b> , 19, 6246-58	3.3	14
1	Mechanistic differences in permeation behavior of supersaturated and solubilized solutions of carbamazepine revealed by nuclear magnetic resonance measurements. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 3023-33	5.6	52