

Etsuo Yonemochi

List of Publications by Year in descending order

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215
papers

3,881
citations

109321

35
h-index

197818

49
g-index

222
all docs

222
docs citations

222
times ranked

3336
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.2	2
2	Chitosan film containing antifungal agent-loaded SLNs for the treatment of candidiasis using a Box-Behnken design. <i>Carbohydrate Polymers</i> , 2022, 283, 119178.	10.2	9
3	Development of a retention prediction model in ion-pair reversed-phase HPLC for nucleoside triphosphates used as mRNA vaccine raw materials. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1193, 123168.	2.3	2
4	Formulation of Biopharmaceutical Dry Powder Inhaler Using the Void Forming Index (VFI) to Detect and Avoid Powder Caking in Dry Powder Inhaler Formulations. <i>Chemical and Pharmaceutical Bulletin</i> , 2022, 70, 245-253.	1.3	1
5	Non-Effective Improvement of Absorption for Some Nanoparticle Formulations Explained by Permeability under Non-Sink Conditions. <i>Pharmaceutics</i> , 2022, 14, 816.	4.5	1
6	Tablet Quality-Prediction Model Using Quality Material Attributes: Toward Flexible Switching Between Batch and Continuous Granulation. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 588-602.	2.4	2
7	Understanding Crystal Cleavability and Physical Properties of Crystal Surfaces Using <i>in Silico</i> Simulation. <i>Chemical and Pharmaceutical Bulletin</i> , 2021, 69, 185-198.	1.3	1
8	Crystal Structure of Novel Terephthalate Salt of Antiarrhythmic Drug Disopyramide. <i>Crystals</i> , 2021, 11, 368.	2.2	2
9	Dose-Dependent Solubility-Permeability Interplay for Poorly Soluble Drugs under Non-Sink Conditions. <i>Pharmaceutics</i> , 2021, 13, 323.	4.5	6
10	Selection of Small Amounts of Glidant Capable of Improving the Tensile Strength of Ibuprofen Tablets. <i>Chemical and Pharmaceutical Bulletin</i> , 2021, 69, 374-382.	1.3	2
11	Crystal Structures of Antiarrhythmic Drug Disopyramide and Its Salt with Phthalic Acid. <i>Crystals</i> , 2021, 11, 379.	2.2	1
12	Manufacturability and Properties of Granules and Tablets Using the Eco-Friendly Granulation Method Green Fluidized Bed Granulation Compared to Direct Compression. <i>Chemical and Pharmaceutical Bulletin</i> , 2021, 69, 447-455.	1.3	3
13	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.	5.2	10
14	The development of retention time prediction model using multilinear gradient profiles of seven pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 198, 114024.	2.8	2
15	Miscibility characterization of zein/methacrylic acid copolymer composite films and plasticization effects. <i>International Journal of Pharmaceutics</i> , 2021, 601, 120498.	5.2	9
16	Altered Media Flow and Tablet Position as Factors of How Air Bubbles Affect Dissolution of Disintegrating and Non-disintegrating Tablets Using a USP 4 Flow-Through Cell Apparatus. <i>AAPS PharmSciTech</i> , 2021, 22, 227.	3.3	2
17	Cholesteryl-Conjugated Ribonuclease A Exhibits Enzyme Activity in Aqueous Solution and Resistance to Dimethyl Sulfoxide. <i>ACS Omega</i> , 2021, 6, 533-543.	3.5	1
18	Improving the Accuracy of Crystal Structure Prediction Using FMO Crystal Energy: An Example of Target XXIII. <i>Journal of Computer Chemistry Japan</i> , 2021, 20, 92-93.	0.1	0

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19	Effect of Polymers and Storage Relative Humidity on Amorphous Rebamipide and Its Solid Dispersion Transformation: Multiple Spectra Chemometrics of Powder X-Ray Diffraction and Near-Infrared Spectroscopy. <i>Pharmaceuticals</i> , 2020, 13, 147.	3.8	6
20	Synthesis and Characterization of Cholesteryl Conjugated Lysozyme (CHLysozyme). <i>Molecules</i> , 2020, 25, 3704.	3.8	2
21	Application of void forming index (VFI): Detection of the effect of physical properties of dry powder inhaler formulations on powder cohesion. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119766.	5.2	4
22	Self-Degradable Lipid-Like Materials Based on Hydrolysis accelerated by the intra-Particle Enrichment of Reactant (HyPER) for Messenger RNA Delivery. <i>Advanced Functional Materials</i> , 2020, 30, 1910575.	14.9	65
23	Structural origin of physicochemical properties differences upon dehydration and polymorphic transformation of ciprofloxacin hydrochloride revealed by structure determination from powder X-ray diffraction data. <i>CrystEngComm</i> , 2020, 22, 7272-7279.	2.6	14
24	Evaluation of the physical properties of dry surface-modified ibuprofen using a powder rheometer (FT4) and analysis of the influence of pharmaceutical additives on improvement of the powder flowability. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119165.	5.2	9
25	Preface of the Special Issue "Pharmaceutical Crystals". <i>Crystals</i> , 2020, 10, 89.	2.2	1
26	Crystal Structural Analysis of DL-Mandelate Salt of Carvedilol and Its Correlation with Physicochemical Properties. <i>Crystals</i> , 2020, 10, 53.	2.2	2
27	New approach to optimizing risk management of the sticking problem using scale-independent critical material attributes and the quantitative process parameter. <i>International Journal of Pharmaceutics</i> , 2020, 577, 119032.	5.2	3
28	Degradation Pathway of a Taxane Derivative DS80100717 Drug Substance and Drug Product. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 392-397.	1.3	1
29	Novel approach to evaluating granulation and segregation level considering the contribution of hydroxypropyl cellulose to the surface property change of granules. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119254.	5.2	2
30	Impact of Magnesium Stearate Content: Modeling of Drug Degradation Using a Modified Arrhenius Equation. <i>Chemical and Pharmaceutical Bulletin</i> , 2020, 68, 1049-1054.	1.3	4
31	Effect of sulfobutyl ether- β -cyclodextrin and propylene glycol alginate on the solubility of clozapine. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 479-486.	2.4	7
32	A New Method for Classification of Salts and Cocrystals Using Solid-State UV Spectrophotometry. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 945-952.	1.3	7
33	Foreword. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 904-905.	1.3	0
34	Formulation design and evaluation of a transdermal drug delivery system containing a novel eptazocine salt with the Eudragit® E adhesive. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101289.	3.0	7
35	Capturing a new hydrate polymorph of amodiaquine dihydrochloride dihydrate via heterogeneous crystallisation. <i>CrystEngComm</i> , 2019, 21, 2053-2057.	2.6	6
36	Development of microparticles coated with poly- β -glutamic acid to improve oral absorption of a poorly water-soluble drug. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 992-1001.	2.4	4

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37	Importance of free water in controlling granule and tablet properties in a novel granulation method, green fluidized bed granulation (GFBG). <i>International Journal of Pharmaceutics</i> , 2019, 570, 118647.	5.2	6
38	Novel, lean and environment-friendly granulation method: Green fluidized bed granulation (GFBG). <i>International Journal of Pharmaceutics</i> , 2019, 557, 18-25.	5.2	11
39	Simultaneous Improvement of Epalrestat Photostability and Solubility via Cocrystallization: A Case Study. <i>Crystal Growth and Design</i> , 2018, 18, 373-379.	3.0	28
40	Improving mechanical properties of desloratadine via multicomponent crystal formation. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 65-72.	4.0	26
41	Ethyl Haematommate from <i>Stereocaulon graminosum</i> Schaer.: Isolation and Crystal Structure. <i>Natural Product Sciences</i> , 2018, 24, 115.	0.9	1
42	Formation Mechanism of Lipid Membrane and Vesicle Using Small Angle X-ray Scattering and Dissipative Particle Dynamics (DPD) Method. <i>Journal of Computer Chemistry Japan</i> , 2018, 17, 172-179.	0.1	6
43	Solubility Improvement of Benexate through Salt Formation Using Artificial Sweetener. <i>Pharmaceutics</i> , 2018, 10, 64.	4.5	27
44	Tumor delivery of liposomal doxorubicin prepared with poly-L-glutamic acid as a drug-trapping agent. <i>Journal of Liposome Research</i> , 2017, 27, 99-107.	3.3	10
45	Characterization of complexes between phenethylamine enantiomers and β -cyclodextrin derivatives by capillary electrophoresis—Determination of binding constants and complex mobilities. <i>Electrophoresis</i> , 2017, 38, 1188-1200.	2.4	12
46	Enhanced dissolution and skin permeation profiles of epalrestat with β -cyclodextrin derivatives using a cogrinding method. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 106, 79-86.	4.0	14
47	Solubility improvement of epalrestat by layered structure formation via cocrystallization. <i>CrystEngComm</i> , 2017, 19, 2614-2622.	2.6	45
48	Molecular Dynamics of Amorphous Sulfamethazine With Structurally Related Sulfonamide Impurities Evaluated Using Thermal Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 1062-1068.	3.3	4
49	Mechanisms for Improved Hygroscopicity of L-Arginine Valproate Revealed by X-Ray Single Crystal Structure Analysis. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 859-865.	3.3	13
50	Void forming index: A new parameter for detecting microstructural transformation caused by powder agglomeration. <i>International Journal of Pharmaceutics</i> , 2017, 532, 118-123.	5.2	3
51	Investigation of Discoloration of Furosemide Tablets in a Light-Shielded Environment. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 373-380.	1.3	2
52	Effect of Magnesium Stearate Mono- and Dihydrate Dispersibilities on Physical Properties of Tablets. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 1028-1034.	1.3	0
53	Epalrestat tetrahydrofuran monosolvate: crystal structure and phase transition. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 941-944.	0.5	3
54	A new solvate of epalrestat, a drug for diabetic neuropathy. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2017, 73, 1264-1267.	0.5	2

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55	Evaluation of the Manufacturing Process for Pharmaceuticals by Using Micro-imaging Analysis. <i>Oleoscience</i> , 2017, 17, 379-385.	0.0	0
56	General understanding on physical stability of pharmaceutical glasses. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 54-55.	9.1	0
57	The effect of structurally related impurities on crystallinity reduction of sulfamethazine by grinding. <i>International Journal of Pharmaceutics</i> , 2016, 515, 416-421.	5.2	5
58	Isostructural Multicomponent Gliclazide Crystals with Improved Solubility. <i>Crystal Growth and Design</i> , 2016, 16, 6568-6573.	3.0	36
59	Crystal Structure Determination of Dimenhydrinate after More than 60 Years: Solving Salt-Cocrystal Ambiguity via Solid-State Characterizations and Solubility Study. <i>Crystal Growth and Design</i> , 2016, 16, 5223-5229.	3.0	33
60	Drug-drug Multi-component Crystal of Acedoben-Dimepranol 2:1. <i>X-ray Structure Analysis Online</i> , 2016, 32, 39-40.	0.2	1
61	Crystal Structure of an Epalrestat Dimethanol Solvate. <i>X-ray Structure Analysis Online</i> , 2016, 32, 7-9.	0.2	6
62	Characterization and Quality Control of Pharmaceutical Cocrystals. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 1421-1430.	1.3	46
63	Crystallographic Analysis of Phase Dissociation Related to Anomalous Solubility of Irsogladine Maleate. <i>Crystal Growth and Design</i> , 2016, 16, 6714-6718.	3.0	12
64	Drug-Drug Multicomponent Crystals as an Effective Technique to Overcome Weaknesses in Parent Drugs. <i>Crystal Growth and Design</i> , 2016, 16, 3577-3581.	3.0	52
65	The effect of water activity on granule characteristics and tablet properties produced by moisture activated dry granulation (MADG). <i>Powder Technology</i> , 2016, 294, 113-118.	4.2	11
66	Therapeutic effect for liver-metastasized tumor by sequential intravenous injection of anionic polymer and cationic lipoplex of siRNA. <i>Journal of Drug Targeting</i> , 2016, 24, 309-317.	4.4	15
67	The importance of binder moisture content in Metformin HCL high-dose formulations prepared by moist aqueous granulation (MAG). <i>Results in Pharma Sciences</i> , 2015, 5, 1-7.	4.2	13
68	siRNA Delivery into Tumor Cells by Cationic Cholesterol Derivative-Based Nanoparticles and Liposomes. <i>Biological and Pharmaceutical Bulletin</i> , 2015, 38, 30-38.	1.4	24
69	Zoledronic acid enhances antitumor efficacy of liposomal doxorubicin. <i>International Journal of Oncology</i> , 2015, 47, 211-219.	3.3	14
70	Physicochemical and crystal structure analysis of pranlukast pseudo-polymorphs I: Anhydrates and hydrate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 107, 11-16.	2.8	5
71	siRNA delivery to lung-metastasized tumor by systemic injection with cationic liposomes. <i>Journal of Liposome Research</i> , 2015, 25, 279-286.	3.3	35
72	Physicochemical and crystal structure analysis of pranlukast pseudo-polymorphs II: Solvate and cocrystal. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 44-50.	2.8	20

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73	Correlation between Glass-Forming Ability and Fragility of Pharmaceutical Compounds. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4873-4880.	2.6	51
74	Triboelectrification of active pharmaceutical ingredients: weak acids and their salts. <i>International Journal of Pharmaceutics</i> , 2015, 493, 434-438.	5.2	1
75	Evaluation of antitumor effect of zoledronic acid entrapped in folate-linked liposome for targeting to tumor-associated macrophages. <i>Journal of Liposome Research</i> , 2015, 25, 131-140.	3.3	44
76	In vivo siRNA delivery system for targeting to the liver by poly-l-glutamic acid-coated lipoplex. <i>Results in Pharma Sciences</i> , 2014, 4, 1-7.	4.2	30
77	Low-Density Microparticles with Petaloid Surface Structure for Pulmonary Drug Delivery. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 1309-1313.	3.3	8
78	Sequential intravenous injection of anionic polymer and cationic lipoplex of siRNA could effectively deliver siRNA to the liver. <i>International Journal of Pharmaceutics</i> , 2014, 476, 289-298.	5.2	17
79	Relationship between Crystallization Tendencies during Cooling from Melt and Isothermal Storage: Toward a General Understanding of Physical Stability of Pharmaceutical Glasses. <i>Molecular Pharmaceutics</i> , 2014, 11, 1835-1843.	4.6	48
80	Studying the Morphology of Lyophilized Protein Solids Using X-ray Micro-CT: Effect of Post-freeze Annealing and Controlled Nucleation. <i>AAPS PharmSciTech</i> , 2014, 15, 1181-1188.	3.3	21
81	Clarifying the mechanism of aggregation of particles in high-shear granulation based on their surface properties by using micro-spectroscopy. <i>International Journal of Pharmaceutics</i> , 2014, 461, 495-504.	5.2	16
82	Effects of Formulation and Process Factors on the Crystal Structure of Freeze-Dried Myo-Inositol. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2347-2355.	3.3	6
83	Optimization of Primary Drying Condition for Pharmaceutical Lyophilization Using a Novel Simulation Program with a Predictive Model for Dry Layer Resistance. <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 153-159.	1.3	15
84	Polymorphic and pseudomorphic transformation behavior of acyclovir based on thermodynamics and crystallography. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 1261-1267.	3.6	19
85	Evaluation of physicochemical properties on the blending process of pharmaceutical granules with magnesium stearate by thermal effusivity sensor. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 1281-1285.	3.6	9
86	Competition of Thermodynamic and Dynamic Factors During Formation of Multicomponent Particles via Spray Drying. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 518-529.	3.3	21
87	Evaluation of the crystalline and amorphous states of drug products by nanothermal analysis and Raman imaging. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 75, 105-111.	2.8	21
88	Importance of excipient wettability on tablet characteristics prepared by moisture activated dry granulation (MADG). <i>International Journal of Pharmaceutics</i> , 2013, 456, 58-64.	5.2	22
89	Diffusivity of amorphous drug in solid dispersion. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 1505-1510.	3.6	6
90	Determination for dry layer resistance of sucrose under various primary drying conditions using a novel simulation program for designing pharmaceutical lyophilization cycle. <i>International Journal of Pharmaceutics</i> , 2013, 452, 180-187.	5.2	17

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91	Practical Approach for Measuring Heat Capacity of Pharmaceutical Crystals/Glasses by Modulated-Temperature Differential Scanning Calorimetry. <i>Chemical and Pharmaceutical Bulletin</i> , 2013, 61, 315-319.	1.3	14
92	Study of Cohesive Properties of Pharmaceutical Powders for Punch Characterized by Surface Free Energy and Cohesive Property Analysis. <i>Journal of the Society of Powder Technology, Japan</i> , 2013, 50, 656-661.	0.1	4
93	Transdermal Delivery of Small Interfering RNA with Elastic Cationic Liposomes in Mice. <i>Journal of Pharmaceutics</i> , 2013, 2013, 1-6.	4.7	7
94	Determination of Surface Free Energy and Contact Angle for Hydrolyzed Shellac. <i>Advanced Materials Research</i> , 2012, 506, 270-273.	0.3	3
95	Component Crystallization and Physical Collapse during Freeze-Drying of L-Arginine-Citric Acid Mixtures. <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 1176-1181.	1.3	7
96	Applying terahertz technology for nondestructive detection of crack initiation in a film-coated layer on a swelling tablet. <i>Results in Pharma Sciences</i> , 2012, 2, 29-37.	4.2	20
97	Mechanism of Dehydration-Hydration Processes of Lisinopril Dihydrate Investigated by ab Initio Powder X-ray Diffraction Analysis. <i>Crystal Growth and Design</i> , 2012, 12, 6165-6172.	3.0	32
98	Cocrystallization and amorphization induced by drug-excipient interaction improves the physical properties of acyclovir. <i>International Journal of Pharmaceutics</i> , 2012, 422, 160-169.	5.2	108
99	Swelling kinetics of spray-dried chitosan acetate assessed by magnetic resonance imaging and their relation to drug release kinetics of chitosan matrix tablets. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 320-326.	4.3	41
100	Effects of Grinding and Humidification on the Transformation of Conglomerate to Racemic Compound in Optically Active Drugs. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 49, 384-389.	2.4	12
101	Characterization of Amorphous Ursodeoxycholic Acid Prepared by Spray-drying. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 1213-1219.	2.4	28
102	Do Amorphous Troglitazones Prepared from Two Diastereomer-Pairs Have the Same Molecular Mobility and Crystallization Rate at the Surface?. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 1452-1457.	1.3	3
103	Study of the Pseudo-Crystalline Transformation from Form I to Form II of Thiamine Hydrochloride (Vitamin B1). <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 57-62.	1.3	7
104	Development of a Rapid Process Monitoring Method for Dry-Coated Tableting Process by Using Near-Infrared Spectroscopy. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 868-873.	1.3	4
105	Evaluation of the Change in Surface Properties of Particles Induced by Mechanofusion Process. <i>Journal of the Society of Powder Technology, Japan</i> , 2011, 48, 618-624.	0.1	1
106	Molecular States of p-Dimethylaminobenzonitrile Coground with .BETA.-Cyclodextrin Investigated Using Solid-State Fluorescence Spectroscopy. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 1299-1302.	1.3	3
107	Change of Molecular States of Drug by Ground with Cyclodextrin. <i>Journal of the Society of Powder Technology, Japan</i> , 2011, 48, 612-617.	0.1	0
108	Potential of synchrotron X-ray powder diffractometry for detection and quantification of small amounts of crystalline drug substances in pharmaceutical tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 448-453.	2.8	10

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109	Process analytical technology applied for end-point detection of pharmaceutical blending by combining two calibration-free methods: Simultaneously monitoring specific near-infrared peak intensity and moving block standard deviation. <i>Powder Technology</i> , 2011, 210, 122-131.	4.2	41
110	Investigation of the dynamic process during spray-drying to improve aerodynamic performance of inhalation particles. <i>International Journal of Pharmaceutics</i> , 2010, 390, 250-259.	5.2	40
111	Prediction of the induction period of crystallization of naproxen in solid dispersion using differential scanning calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 99, 15-19.	3.6	13
112	Effects of Solute Miscibility on the Micro- and Macroscopic Structural Integrity of Freeze-Dried Solids. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4710-4719.	3.3	7
113	Development of a method for nondestructive NIR transmittance spectroscopic analysis of acetaminophen and caffeine anhydrate in intact bilayer tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 396-402.	2.8	34
114	Freeze-drying of proteins with glass-forming oligosaccharide-derived sugar alcohols. <i>International Journal of Pharmaceutics</i> , 2010, 389, 107-113.	5.2	61
115	Physicochemical Understanding of Polymorphism and Solid-State Dehydration/Rehydration Processes for the Pharmaceutical Material Acrinol, by Ab Initio Powder X-ray Diffraction Analysis and Other Techniques. <i>Journal of Physical Chemistry C</i> , 2010, 114, 580-586.	3.1	42
116	Reevaluation of solubility of tolbutamide and polymorphic transformation from Form I to unknown crystal form. <i>International Journal of Pharmaceutics</i> , 2009, 369, 12-18.	5.2	32
117	Design of Highly Dispersive Particles for Pulmonary Drug Delivery. <i>Journal of the Society of Powder Technology, Japan</i> , 2009, 46, 698-703.	0.1	0
118	Stabilization of Protein Structure in Freeze-Dried Amorphous Organic Acid Buffer Salts. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 1231-1236.	1.3	17
119	Freeze-Drying of Proteins in Glass Solids Formed by Basic Amino Acids and Dicarboxylic Acids. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 43-48.	1.3	46
120	Development of a method for the determination of caffeine anhydrate in various designed intact tables by near-infrared spectroscopy: A comparison between reflectance and transmittance technique. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 819-827.	2.8	33
121	Effect of grinding on the dehydration behavior of nedocromil sodium hydrates. <i>Journal of Thermal Analysis and Calorimetry</i> , 2008, 92, 471-476.	3.6	1
122	Evaluation of dispersion state of the two racemic compounds of troglitazone in pharmaceutical granules using IR-to-THz imaging. <i>Infrared Physics and Technology</i> , 2008, 51, 450-453.	2.9	5
123	Applicability of DPI formulations for novel neurokinin receptor antagonist. <i>International Journal of Pharmaceutics</i> , 2008, 356, 102-109.	5.2	8
124	Evaluation of solid dispersions on a molecular level by the Raman mapping technique. <i>International Journal of Pharmaceutics</i> , 2008, 361, 12-18.	5.2	61
125	Effect of the type of lubricant on the characteristics of orally disintegrating tablets manufactured using the phase transition of sugar alcohol. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 986-992.	4.3	27
126	Application and Mechanism of Inhalation Profile Improvement of DPI Formulations by Mechanofusion with Magnesium Stearate. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 617-625.	1.3	38

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127	Glass-State Amorphous Salt Solids Formed by Freeze-Drying of Amines and Hydroxy Carboxylic Acids: Effect of Hydrogen-Bonding and Electrostatic Interactions. <i>Chemical and Pharmaceutical Bulletin</i> , 2008, 56, 821-826.	1.3	21
128	Importance of Physicochemical Characterization of Pharmaceuticals. <i>Journal of the Japan Society of Colour Material</i> , 2008, 81, 48-53.	0.1	0
129	Effect of physical properties of troglitazone crystal on the molecular interaction with PVP during heating. <i>International Journal of Pharmaceutics</i> , 2007, 336, 82-89.	5.2	8
130	Novel Approach to DPI Carrier Lactose with Mechanofusion Process with Additives and Evaluation by IGC. <i>Chemical and Pharmaceutical Bulletin</i> , 2006, 54, 1508-1514.	1.3	58
131	Evaluation of rapidly disintegrating tablets containing glycine and carboxymethylcellulose. <i>International Journal of Pharmaceutics</i> , 2006, 310, 101-109.	5.2	92
132	Solid-state ¹³ C NMR study of indomethacin polymorphism. <i>International Journal of Pharmaceutics</i> , 2006, 318, 146-153.	5.2	50
133	Application of XRD-DSC system to the optimization of manufacturing process for the freeze-dried pharmaceuticals. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 85, 693-697.	3.6	4
134	Estimation of physical stability of amorphous solid dispersion using differential scanning calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 85, 689-692.	3.6	42
135	Application of microcalorimetry to the formulation study. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 85, 675-680.	3.6	4
136	Mechanism of glass ampoule breakage prevention during the freeze-drying process of sodium thiopental lyophilization products on addition of sodium chloride. <i>Journal of Thermal Analysis and Calorimetry</i> , 2006, 85, 731-739.	3.6	4
137	Application of NIR Spectroscopy for Evaluation of Crystalline State in Granulation and Tableting Process. <i>Journal of the Society of Powder Technology, Japan</i> , 2005, 42, 632-637.	0.1	0
138	Development of Fast Disintegrating Compressed Tablets Using Amino Acid as Disintegration Accelerator: Evaluation of Wetting and Disintegration of Tablet on the Basis of Surface Free Energy. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 1536-1539.	1.3	43
139	Effects of sugar ester and hydroxypropyl methylcellulose on the physicochemical stability of amorphous cefditoren pivoxil in aqueous suspension. <i>International Journal of Pharmaceutics</i> , 2005, 290, 91-99.	5.2	44
140	Effects of water content in physical mixture and heating temperature on crystallinity of troglitazone-PVP K30 solid dispersions prepared by closed melting method. <i>International Journal of Pharmaceutics</i> , 2005, 302, 103-112.	5.2	35
141	Formulation design of a novel fast-disintegrating tablet. <i>International Journal of Pharmaceutics</i> , 2005, 306, 83-90.	5.2	105
142	Investigation of optimal manufacturing process for freeze-dried formulations: Observation of frozen solutions by low temperature X-ray diffraction measurements. <i>Thermochimica Acta</i> , 2005, 431, 127-132.	2.7	1
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