# 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 | Effect of Water-Soluble Carriers on Dissolution Characteristics of Nifedipine Solid Dispersions. Drug Development and Industrial Pharmacy, 2000, 26, 1141-1150. | 2.0 | 110 |
| 2 | Cocrystallization and amorphization induced by drugâ€“excipient interaction improves the physical properties of acyclovir. International Journal of Pharmaceutics, 2012, 422, 160-169. | 5.2 | 108 |
| 3 | Formulation design of a novel fast-disintegrating tablet. International Journal of Pharmaceutics, 2005, 306, 83-90. | 5.2 | 105 |
| 4 | The use of near infra-red spectroscopy to detect changes in the form of amorphous and crystalline lactose. International Journal of Pharmaceutics, 1998, 168, 231-241. | 5.2 | 98 |
| 5 | Evaluation of rapidly disintegrating tablets containing glycine and carboxymethylcellulose. International Journal of Pharmaceutics, 2006, 310, 101-109. | 5.2 | 92 |
| 6 | Improved dissolution of ofloxacin via solid dispersion. International Journal of Pharmaceutics, 1997, 156, 175-180. | 5.2 | 85 |
| 7 | Physicochemical properties of amorphous clarithromycin obtained by grinding and spray drying. European Journal of Pharmaceutical Sciences, 1999, 7, 331-338. | 4.0 | 80 |
| 8 | Selfâ€Degradable Lipidâ€Like Materials Based on â€œHydrolysis accelerated by the intraâ€Particle Enrichment of Reactant (HyPER)â€•for Messenger RNA Delivery. Advanced Functional Materials, 2020, 30, 1910575. | 14.9 | 65 |
| 9 | Evaluation of solid dispersions on a molecular level by the Raman mapping technique. International Journal of Pharmaceutics, 2008, 361, 12-18. | 5.2 | 61 |
| 10 | Freeze-drying of proteins with glass-forming oligosaccharide-derived sugar alcohols. International Journal of Pharmaceutics, 2010, 389, 107-113. | 5.2 | 61 |
| 11 | Novel Approach to DPI Carrier Lactose with Mechanofusion Process with Additives and Evaluation by IGC. Chemical and Pharmaceutical Bulletin, 2006, 54, 1508-1514. | 1.3 | 58 |
| 12 | Drugâ€“Drug Multicomponent Crystals as an Effective Technique to Overcome Weaknesses in Parent Drugs. Crystal Growth and Design, 2016, 16, 3577-3581. | 3.0 | 52 |
| 13 | Correlation between Glass-Forming Ability and Fragility of Pharmaceutical Compounds. Journal of Physical Chemistry B, 2015, 119, 4873-4880. | 2.6 | 51 |
| 14 | Solid-state 13C NMR study of indomethacin polymorphism. International Journal of Pharmaceutics, 2006, 318, 146-153. | 5.2 | 50 |
| 15 | Relationship between Crystallization Tendencies during Cooling from Melt and Isothermal Storage: Toward a General Understanding of Physical Stability of Pharmaceutical Glasses. Molecular Pharmaceutics, 2014, 11, 1835-1843. | 4.6 | 48 |
| 16 | Freeze-Drying of Proteins in Glass Solids Formed by Basic Amino Acids and Dicarboxylic Acids. Chemical and Pharmaceutical Bulletin, 2009, 57, 43-48. | 1.3 | 46 |
| 17 | Characterization and Quality Control of Pharmaceutical Cocrystals. Chemical and Pharmaceutical Bulletin, 2016, 64, 1421-1430. | 1.3 | 46 |
| 18 | Solubility improvement of epalrestat by layered structure formation via cocrystallization. CrystEngComm, 2017, 19, 2614-2622. | 2.6 | 45 |

| # | Article | IF | Citations |
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| 19 | Effects of sugar ester and hydroxypropyl methylcellulose on the physicochemical stability of amorphous cefditoren pivoxil in aqueous suspension. International Journal of Pharmaceutics, 2005, 290, 91-99. | 5.2 | 44 |
| 20 | Evaluation of antitumor effect of zoledronic acid entrapped in folate-linked liposome for targeting to tumor-associated macrophages. Journal of Liposome Research, 2015, 25, 131-140. | 3.3 | 44 |
| 21 | Development of Fast Disintegrating Compressed Tablets Using Amino Acid as Disintegratation Accelerator: Evaluation of Wetting and Disintegration of Tablet on the Basis of Surface Free Energy. Chemical and Pharmaceutical Bulletin, 2005, 53, 1536-1539. | 1.3 | 43 |
| 22 | Application of Eudragit RS to thermo-sensitive drug delivery systems. Journal of Controlled Release, 2005, 102, 49-57. | 9.9 | 43 |
| 23 | Structural change and complexation of strictly linear amylose induced by sealed-heating with salicylic acid. Journal of the Chemical Society, Faraday Transactions, 1998, 94, 923-927. | 1.7 | 42 |
| 24 | Estimation of physical stability of amorphous solid dispersion using differential scanning calorimetry. Journal of Thermal Analysis and Calorimetry, 2006, 85, 689-692. | 3.6 | 42 |
| 25 | 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. Journal of Physical Chemistry C, 2010, 114, 580-586. | 3.1 | 42 |
| 26 | Water sorption and near IR spectroscopy to study the differences between microcrystalline cellulose and silicified microcrystalline cellulose before and after wet granulation. International Journal of Pharmaceutics, 1999, 181, 41-47. | 5.2 | 41 |
| 27 | Swelling kinetics of spray-dried chitosan acetate assessed by magnetic resonance imaging and their relation to drug release kinetics of chitosan matrix tablets. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 77, 320-326. | 4.3 | 41 |
| 28 | 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. Powder Technology, 2011, 210, 122-131. | 4.2 | 41 |
| 29 | Amorphous ultrafine particle preparation for improvement of bioavailability of insoluble drugs: grinding characteristics of fine grinding mills. International Journal of Mineral Processing, 2004, 74, S165-S172. | 2.6 | 40 |
| 30 | Comparison of Molecular Mobility in the Glassy State Between Amorphous Indomethacin and Salicin Based on Spin-Lattice Relaxation Times. Pharmaceutical Research, 2005, 22, 797-805. | 3.5 | 40 |
| 31 | Investigation of the dynamic process during spray-drying to improve aerodynamic performance of inhalation particles. International Journal of Pharmaceutics, 2010, 390, 250-259. | 5.2 | 40 |
| 32 | Application and Mechanism of Inhalation Profile Improvement of DPI Formulations by Mechanofusion with Magnesium Stearate. Chemical and Pharmaceutical Bulletin, 2008, 56, 617-625. | 1.3 | 38 |
| 33 | Evaluation of amorphous ursodeoxycholic acid by thermal methods. Pharmaceutical Research, 1997, 14, 798-803. | 3.5 | 36 |
| 34 | Differences in crystallization behavior between quenched and ground amorphous ursodeoxycholic acid. Pharmaceutical Research, 1999, 16, 835-840. | 3.5 | 36 |
| 35 | Isostructural Multicomponent Gliclazide Crystals with Improved Solubility. Crystal Growth and Design, 2016, 16, 6568-6573. | 3.0 | 36 |
| 36 | Solubility Parameter and Dissolution Behavior of Cefalexin Powders with Different Crystallinity.. Chemical and Pharmaceutical Bulletin, 1992, 40, 819-820. | 1.3 | 35 |

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| 37 | Effects of water content in physical mixture and heating temperature on crystallinity of troglitazone-PVP K30 solid dispersions prepared by closed melting method. International Journal of Pharmaceutics, 2005, 302, 103-112. | 5.2 | 35 |
| 38 | siRNA delivery to lung-metastasized tumor by systemic injection with cationic liposomes. Journal of Liposome Research, 2015, 25, 279-286. | 3.3 | 35 |
| 39 | Physicochemical properties and surface free energy of ground talc. Solid State Ionics, 2004, 172, 459-462. | 2.7 | 34 |
| 40 | Development of a method for nondestructive NIR transmittance spectroscopic analysis of acetaminophen and caffeine anhydrate in intact bilayer tablets. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 396-402. | 2.8 | 34 |
| 41 | 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. Journal of Pharmaceutical and Biomedical Analysis, 2008, 47, 819-827. | 2.8 | 33 |
| 42 | Crystal Structure Determination of Dimenhydrinate after More than 60 Years: Solving Saltâ€“Cocrystal Ambiguity via Solid-State Characterizations and Solubility Study. Crystal Growth and Design, 2016, 16, 5223-5229. | 3.0 | 33 |
| 43 | Reevaluation of solubility of tolbutamide and polymorphic transformation from Form I to unknown crystal form. International Journal of Pharmaceutics, 2009, 369, 12-18. | 5.2 | 32 |
| 44 | Mechanism of Dehydrationâ€“Hydration Processes of Lisinopril Dihydrate Investigated by ab Initio Powder X-ray Diffraction Analysis. Crystal Growth and Design, 2012, 12, 6165-6172. | 3.0 | 32 |
| 45 | Enhanced Dissolution of Ursodeoxycholic Acid from the Solid Dispersion. Drug Development and Industrial Pharmacy, 1997, 23, 1115-1121. | 2.0 | 31 |
| 46 | In vivo siRNA delivery system for targeting to the liver by poly-l-glutamic acid-coated lipoplex. Results in Pharma Sciences, 2014, 4, 1-7. | 4.2 | 30 |
| 47 | Quantitative correlation between initial dissolution rate and heat of solution of drug. Pharmaceutical Research, 2000, 17, 920-924. | 3.5 | 28 |
| 48 | Characterization of Amorphous Ursodeoxycholic Acid Prepared by Spray-drying. Journal of Pharmacy and Pharmacology, 2011, 50, 1213-1219. | 2.4 | 28 |
| 49 | Simultaneous Improvement of Epalrestat Photostability and Solubility via Cocrystallization: A Case Study. Crystal Growth and Design, 2018, 18, 373-379. | 3.0 | 28 |
| 50 | New methods for preparing cyclodextrin inclusion compounds. III. Preparation of heptakis-(2,6-di-O-methyl)-.BETA.-cyclodextrin-benzoic acid inclusion compound by sealed heating.. Chemical and Pharmaceutical Bulletin, 1990, 38, 1345-1348. | 1.3 | 27 |
| 51 | Effect of the type of lubricant on the characteristics of orally disintegrating tablets manufactured using the phase transition of sugar alcohol. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 69, 986-992. | 4.3 | 27 |
| 52 | Solubility Improvement of Benexate through Salt Formation Using Artificial Sweetener. Pharmaceutics, 2018, 10, 64. | 4.5 | 27 |
| 53 | Improving mechanical properties of desloratadine via multicomponent crystal formation. European Journal of Pharmaceutical Sciences, 2018, 111, 65-72. | 4.0 | 26 |
| 54 | Polymorphism of Tegafur: Physico-chemical Properties of Four Polymorphs.. Chemical and Pharmaceutical Bulletin, 1993, 41, 1632-1635. | 1.3 | 24 |

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| 55 | Quantitative correlation between initial dissolution rate and heat of fusion of drug substance. International Journal of Pharmaceutics, 2000, 204, 1-6. | 5.2 | 24 |
| 56 | Evaluation of the physical stability and local crystallization of amorphous terfenadine using XRDâ€“DSC and micro-TA. Thermochimica Acta, 2005, 432, 70-75. | 2.7 | 24 |
| 57 | siRNA Delivery into Tumor Cells by Cationic Cholesterol Derivative-Based Nanoparticles and Liposomes. Biological and Pharmaceutical Bulletin, 2015, 38, 30-38. | 1.4 | 24 |
| 58 | Effect of grinding on dehydration of crystal water of theophylline.. Chemical and Pharmaceutical Bulletin, 1990, 38, 2233-2236. | 1.3 | 23 |
| 59 | New Methods for Preparing Cyclodextrin Inclusion Compounds. IV. Enhancement of Combining Molar Ratio by Using a Ground Mixture in Heptakis-(2,6-di-O-methyl)-.BETA.-cyclodextrin and Benzoic Acid System.. Chemical and Pharmaceutical Bulletin, 1991, 39, 1532-1535. | 1.3 | 23 |
| 60 | Physicochemical characteristics of porous crystalline cellulose and formation of an amorphous state of ethenzamide by mixing. International Journal of Pharmaceutics, 1994, 108, 167-172. | 5.2 | 23 |
| 61 | Fluorometric Studies of Pyrene Adsorption on Porous Crystalline Cellulose. Journal of Colloid and Interface Science, 1998, 205, 510-515. | 9.4 | 23 |
| 62 | Effect of Pore Size on the Gaseous Adsorption of Ethenzamide on Porous Crystalline Cellulose and the Physicochemical Stability of Ethenzamide after Storage.. Chemical and Pharmaceutical Bulletin, 1998, 46, 314-318. | 1.3 | 22 |
| 63 | Importance of excipient wettability on tablet characteristics prepared by moisture activated dry granulation (MADG). International Journal of Pharmaceutics, 2013, 456, 58-64. | 5.2 | 22 |
| 64 | Molecular Properties of Propranolol Hydrochloride Prepared as Drug-Resin Complexes. Drug Development and Industrial Pharmacy, 2001, 27, 359-364. | 2.0 | 21 |
| 65 | Glass-State Amorphous Salt Solids Formed by Freeze-Drying of Amines and Hydroxy Carboxylic Acids: Effect of Hydrogen-Bonding and Electrostatic Interactions. Chemical and Pharmaceutical Bulletin, 2008, 56, 821-826. | 1.3 | 21 |
| 66 | Competition of Thermodynamic and Dynamic Factors During Formation of Multicomponent Particles via Spray Drying. Journal of Pharmaceutical Sciences, 2013, 102, 518-529. | 3.3 | 21 |
| 67 | Evaluation of the crystalline and amorphous states of drug products by nanothermal analysis and Raman imaging. Journal of Pharmaceutical and Biomedical Analysis, 2013, 75, 105-111. | 2.8 | 21 |
| 68 | Studying the Morphology of Lyophilized Protein Solids Using X-ray Micro-CT: Effect of Post-freeze Annealing and Controlled Nucleation. AAPS PharmSciTech, 2014, 15, 1181-1188. | 3.3 | 21 |
| 69 | Freeze-drying of drug-additive binary systems III. Crystallization of Î±-cyclodextrin inclusion complex in freezing process. International Journal of Pharmaceutics, 1990, 61, 27-34. | 5.2 | 20 |
| 70 | Factors affecting the apparent solubility of ursodeoxycholic acid in the grinding process. International Journal of Pharmaceutics, 2003, 255, 49-56. | 5.2 | 20 |
| 71 | Applying terahertz technology for nondestructive detection of crack initiation in a film-coated layer on a swelling tablet. Results in Pharma Sciences, 2012, 2, 29-37. | 4.2 | 20 |
| 72 | Physicochemical and crystal structure analysis of pranlukast pseudo-polymorphs II: Solvate and cocrystal. Journal of Pharmaceutical and Biomedical Analysis, 2015, 111, 44-50. | 2.8 | 20 |

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| 73 | Application of Eudragit RS to Thermo-Sensitive Drug Delivery Systems. I. Thermo-Sensitive Drug Release from Acetaminophen Matrix Tablets Consisting of Eudragit RS/PEG 400 Blend Polymers.. Chemical and Pharmaceutical Bulletin, 2002, 50, 408-412. | 1.3 | 19 |
| 74 | Polymorphic and pseudomorphic transformation behavior of acyclovir based on thermodynamics and crystallography. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1261-1267. | 3.6 | 19 |
| 75 | Stability of aspirin in controlled pore glass solid dispersions.. Chemical and Pharmaceutical Bulletin, 1991, 39, 1027-1031. | 1.3 | 18 |
| 76 | Characterization of Polymorphs of a Novel Quinolinone Derivative, TA-270 (4-Hydroxy-1-methyl-3-octyloxy-7-sinapinoylamino-2(1H)-quinolinone).. Chemical and Pharmaceutical Bulletin, 2001, 49, 1321-1325. | 1.3 | 18 |
| 77 | Estimation of Initial Dissolution Rate of Drug Substance by Thermal Analysis: Application for Carbamazepine Hydrate. Pharmaceutical Development and Technology, 2002, 7, 89-95. | 2.4 | 18 |
| 78 | Changes in surface properties by granulation and physicochemical stability of granulated amorphous cefditoren pivoxil with additives. International Journal of Pharmaceutics, 2004, 280, 67-75. | 5.2 | 17 |
| 79 | Stabilization of Protein Structure in Freeze-Dried Amorphous Organic Acid Buffer Salts. Chemical and Pharmaceutical Bulletin, 2009, 57, 1231-1236. | 1.3 | 17 |
| 80 | Determination for dry layer resistance of sucrose under various primary drying conditions using a novel simulation program for designing pharmaceutical lyophilization cycle. International Journal of Pharmaceutics, 2013, 452, 180-187. | 5.2 | 17 |
| 81 | Sequential intravenous injection of anionic polymer and cationic lipoplex of siRNA could effectively deliver siRNA to the liver. International Journal of Pharmaceutics, 2014, 476, 289-298. | 5.2 | 17 |
| 82 | Thermal behavior of ground mixtures of heptakis (2,6-di-O-methyl)-?-cyclodextrin and benzoic acid. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1993, 15, 91-101. | 1.6 | 16 |
| 83 | Physicochemical Properties of Amorphous Ursodeoxycholic Acid Obtained by Grinding.. Chemical and Pharmaceutical Bulletin, 1994, 42, 1948-1950. | 1.3 | 16 |
| 84 | Clarifying the mechanism of aggregation of particles in high-shear granulation based on their surface properties by using micro-spectroscopy. International Journal of Pharmaceutics, 2014, 461, 495-504. | 5.2 | 16 |
| 85 | Optimization of Primary Drying Condition for Pharmaceutical Lyophilization Using a Novel Simulation Program with a Predictive Model for Dry Layer Resistance. Chemical and Pharmaceutical Bulletin, 2014, 62, 153-159. | 1.3 | 15 |
| 86 | Therapeutic effect for liver-metastasized tumor by sequential intravenous injection of anionic polymer and cationic lipoplex of siRNA. Journal of Drug Targeting, 2016, 24, 309-317. | 4.4 | 15 |
| 87 | Freeze-drying of drug-additive binary systems. II. Relationship between decarboxylation behavior and molecular states of p-aminosalicylic acid.. Chemical and Pharmaceutical Bulletin, 1989, 37, 3088-3091. | 1.3 | 14 |
| 88 | Physicochemical Properties of Ursodeoxycholic Acid Dispersed in Controlled Pore Glass. Journal of Colloid and Interface Science, 1999, 216, 276-284. | 9.4 | 14 |
| 89 | Specific complexation of ursodeoxycholic acid with guest compounds induced by co-grinding. Physical Chemistry Chemical Physics, 2000, 2, 2815-2820. | 2.8 | 14 |
| 90 | Solid-State Fluorescence Study of Naphthalene Adsorption on Porous Material. Journal of Colloid and Interface Science, 2002, 248, 239-243. | 9.4 | 14 |

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| 91 | Practical Approach for Measuring Heat Capacity of Pharmaceutical Crystals/Glasses by Modulated-Temperature Differential Scanning Calorimetry. Chemical and Pharmaceutical Bulletin, 2013, 61, 315-319. | 1.3 | 14 |
| 92 | Zoledronic acid enhances antitumor efficacy of liposomal doxorubicin. International Journal of Oncology, 2015, 47, 211-219. | 3.3 | 14 |
| 93 | Enhanced dissolution and skin permeation profiles of epalrestat with Î²-cyclodextrin derivatives using a cogrinding method. European Journal of Pharmaceutical Sciences, 2017, 106, 79-86. | 4.0 | 14 |
| 94 | Structural origin of physicochemical properties differences upon dehydration and polymorphic transformation of ciprofloxacin hydrochloride revealed by structure determination from powder X-ray diffraction data. CrystEngComm, 2020, 22, 7272-7279. | 2.6 | 14 |
| 95 | Molecular State of Chlorpheniramine in Resinates.. Chemical and Pharmaceutical Bulletin, 2000, 48, 231-234. | 1.3 | 13 |
| 96 | Prediction of the induction period of crystallization of naproxen in solid dispersion using differential scanning calorimetry. Journal of Thermal Analysis and Calorimetry, 2010, 99, 15-19. | 3.6 | 13 |
| 97 | The importance of binder moisture content in Metformin HCL high-dose formulations prepared by moist aqueous granulation (MAG). Results in Pharma Sciences, 2015, 5, 1-7. | 4.2 | 13 |
| 98 | Mechanisms for Improved Hygroscopicity of L-Arginine Valproate Revealed by X-Ray Single Crystal Structure Analysis. Journal of Pharmaceutical Sciences, 2017, 106, 859-865. | 3.3 | 13 |
| 99 | Fluorometric study of the molecular states of 2,5-diphenyloxazole in ground mixtures with gamma-cyclodextrin. Pharmaceutical Research, 1994, 11, 331-336. | 3.5 | 12 |
| 100 | Uniformity and physical states of troglitazone in solid dispersions determined by electron probe microanalysis and microthermal analysis. International Journal of Pharmaceutics, 2004, 280, 39-46. | 5.2 | 12 |
| 101 | Effects of Grinding and Humidification on the Transformation of Conglomerate to Racemic Compound in Optically Active Drugs. Journal of Pharmacy and Pharmacology, 2011, 49, 384-389. | 2.4 | 12 |
| 102 | Crystallographic Analysis of Phase Dissociation Related to Anomalous Solubility of Irsogladine Maleate. Crystal Growth and Design, 2016, 16, 6714-6718. | 3.0 | 12 |
| 103 | Characterization of complexes between phenethylamine enantiomers and Î²â€cyclodextrin derivatives by capillary electrophoresisâ€"Determination of binding constants and complex mobilities. Electrophoresis, 2017, 38, 1188-1200. | 2.4 | 12 |
| 104 | Peculiar Peak Shifts in the IR Spectrum of Benzoic Acid Crystals by Compression with Methylated Additives.. Chemical and Pharmaceutical Bulletin, 1995, 43, 666-670. | 1.3 | 11 |
| 105 | Complex Formation between Deoxycholic Acid and Menadione by Grinding and Sealed Heating Methods.. Chemical and Pharmaceutical Bulletin, 1997, 45, 1358-1362. | 1.3 | 11 |
| 106 | Quantitative relationship between solubility, initial dissolution rate and heat of solution of chiral drugs. Pharmaceutical Research, 2000, 17, 90-93. | 3.5 | 11 |
| 107 | The effect of water activity on granule characteristics and tablet properties produced by moisture activated dry granulation (MADG). Powder Technology, 2016, 294, 113-118. | 4.2 | 11 |
| 108 | Novel, lean and environment-friendly granulation method: Green fluidized bed granulation (GFBG). International Journal of Pharmaceutics, 2019, 557, 18-25. | 5.2 | 11 |

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| 109 | Acceleration of the addition reaction of succinic anhydride and p-nitroaniline in controlled-pore glass solid dispersions.. Chemical and Pharmaceutical Bulletin, 1989, 37, 3083-3087. | 1.3 | 10 |
| 110 | Molecular States of 2-Naphthoic Acid in Solid Dispersions with Porous Crystalline Cellulose, as Investigated by Fluorescence Spectroscopy. Bulletin of the Chemical Society of Japan, 2000, 73, 1567-1572. | 3.2 | 10 |
| 111 | Potential of synchrotron X-ray powder diffractometry for detection and quantification of small amounts of crystalline drug substances in pharmaceutical tablets. Journal of Pharmaceutical and Biomedical Analysis, 2011, 56, 448-453. | 2.8 | 10 |
| 112 | Tumor delivery of liposomal doxorubicin prepared with poly-<scp>L</scp>-glutamic acid as a drug-trapping agent. Journal of Liposome Research, 2017, 27, 99-107. | 3.3 | 10 |
| 113 | Stabilization mechanism of amorphous carbamazepine by transglycosylated rutin, a non-polymeric amorphous additive with a high glass transition temperature. International Journal of Pharmaceutics, 2021, 600, 120491. | 5.2 | 10 |
| 114 | Thermal Behavior of Methyl p-hydroxybenzoate in Controlled-Pore Glass Solid Dispersion. Journal of Colloid and Interface Science, 1995, 173, 186-191. | 9.4 | 9 |
| 115 | Dissolution studies in organic solvents for evaluating hydrogen-bond matrix of cellulose in the ground mixture. International Journal of Pharmaceutics, 1995, 113, 97-102. | 5.2 | 9 |
| 116 | Evaluation of physicochemical properties on the blending process of pharmaceutical granules with magnesium stearate by thermal effusivity sensor. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1281-1285. | 3.6 | 9 |
| 117 | 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. International Journal of Pharmaceutics, 2020, 579, 119165. | 5.2 | 9 |
| 118 | Miscibility characterization of zein/methacrylic acid copolymer composite films and plasticization effects. International Journal of Pharmaceutics, 2021, 601, 120498. | 5.2 | 9 |
| 119 | Chitosan film containing antifungal agent-loaded SLNs for the treatment of candidiasis using a Box-Behnken design. Carbohydrate Polymers, 2022, 283, 119178. | 10.2 | 9 |
| 120 | Complex formation between naphthalene and dimethyl-Î²-cyclodextrin by heating in a sealed ampoule. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 3117-3119. | 1.7 | 8 |
| 121 | Interaction of Microcrystalline Cellulose and Water in Granules Prepared by a High-Shear Mixer.. Chemical and Pharmaceutical Bulletin, 2001, 49, 373-378. | 1.3 | 8 |
| 122 | Specific Complexation of Ursodeoxycholic Acid with Guest Compounds Induced by Co-grinding. II. Effect of Grinding Temperature on the Mechanochemical Complexation. Bulletin of the Chemical Society of Japan, 2003, 76, 515-521. | 3.2 | 8 |
| 123 | Microscopic molecular mobility of amorphous AG-041R measured by solid-state 13C NMR. International Journal of Pharmaceutics, 2004, 275, 73-83. | 5.2 | 8 |
| 124 | Effect of physical properties of troglitazone crystal on the molecular interaction with PVP during heating. International Journal of Pharmaceutics, 2007, 336, 82-89. | 5.2 | 8 |
| 125 | Applicability of DPI formulations for novel neurokinin receptor antagonist. International Journal of Pharmaceutics, 2008, 356, 102-109. | 5.2 | 8 |
| 126 | Low-Density Microparticles with Petaloid Surface Structure for Pulmonary Drug Delivery. Journal of Pharmaceutical Sciences, 2014, 103, 1309-1313. | 3.3 | 8 |

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| 127 | A 1:1 Deoxycholic Acidâ€“Salicylic Acid Complex. Acta Crystallographica Section C: Crystal Structure Communications, 1997, 53, 803-805. | 0.4 | 7 |
| 128 | Effects of Solute Miscibility on the Micro- and Macroscopic Structural Integrity of Freeze-Dried Solids. Journal of Pharmaceutical Sciences, 2010, 99, 4710-4719. | 3.3 | 7 |
| 129 | Study of the Pseudo-Crystalline Transformation from Form I to Form II of Thiamine Hydrochloride (Vitamin B1). Chemical and Pharmaceutical Bulletin, 2011, 59, 57-62. | 1.3 | 7 |
| 130 | Component Crystallization and Physical Collapse during Freeze-Drying of <small>L</small>-Arginineâ€“Citric Acid Mixtures. Chemical and Pharmaceutical Bulletin, 2012, 60, 1176-1181. | 1.3 | 7 |
| 131 | Transdermal Delivery of Small Interfering RNA with Elastic Cationic Liposomes in Mice. Journal of Pharmaceutics, 2013, 2013, 1-6. | 4.7 | 7 |
| 132 | Effect of sulfobutyl ether-Î²-cyclodextrin and propylene glycol alginate on the solubility of clozapine. Pharmaceutical Development and Technology, 2019, 24, 479-486. | 2.4 | 7 |
| 133 | A New Method for Classification of Salts and Cocrystals Using Solid-State UV Spectrophotometry. Chemical and Pharmaceutical Bulletin, 2019, 67, 945-952. | 1.3 | 7 |
| 134 | Formulation design and evaluation of a transdermal drug delivery system containing a novel eptazocine salt with the EudragitÂ® E adhesive. Journal of Drug Delivery Science and Technology, 2019, 54, 101289. | 3.0 | 7 |
| 135 | Mechanochemical Complexation between Deoxycholic Acid and Salicylic Acid. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1998, 31, 367-379. | 1.6 | 6 |
| 136 | Effect of Guest Species on Inclusion Compound Formation of Deoxycholic Acid by Co-Grinding. Bulletin of the Chemical Society of Japan, 1998, 71, 1573-1579. | 3.2 | 6 |
| 137 | Near IR spectroscopy to quantify the silica content and difference between silicified microcrystalline cellulose and physical mixtures of microcrystalline cellulose and silica. European Journal of Pharmaceutical Sciences, 2000, 10, 77-80. | 4.0 | 6 |
| 138 | Diffusivity of amorphous drug in solid dispersion. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1505-1510. | 3.6 | 6 |
| 139 | Effects of Formulation and Process Factors on the Crystal Structure of Freeze-Dried Myo-Inositol. Journal of Pharmaceutical Sciences, 2014, 103, 2347-2355. | 3.3 | 6 |
| 140 | Crystal Structure of an Epalrestat Dimethanol Solvate. X-ray Structure Analysis Online, 2016, 32, 7-9. | 0.2 | 6 |
| 141 | Formation Mechanism of Lipid Membrane and Vesicle Using Small Angle X-ray Scattering and Dissipative Particle Dynamics (DPD) Method. Journal of Computer Chemistry Japan, 2018, 17, 172-179. | 0.1 | 6 |
| 142 | Capturing a new hydrate polymorph of amodiaquine dihydrochloride dihydrate via heterogeneous crystallisation. CrystEngComm, 2019, 21, 2053-2057. | 2.6 | 6 |
| 143 | Importance of free water in controlling granule and tablet properties in a novel granulation method, green fluidized bed granulation (GFBG). International Journal of Pharmaceutics, 2019, 570, 118647. | 5.2 | 6 |
| 144 | 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. Pharmaceuticals, 2020, 13, 147. | 3.8 | 6 |

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| 145 | Dose-Dependent Solubilityâ€“Permeability Interplay for Poorly Soluble Drugs under Non-Sink Conditions. Pharmaceutics, 2021, 13, 323. | 4.5 | 6 |
| 146 | Determination of Solubility Parameters for Medicinals and Excipients. Yakugaku Zasshi, 1990, 110, 34-39. | 0.2 | 6 |
| 147 | Complex Formation Between Erythritol and 4-hexylresorcinol. Magyar AprÃ³vad KÃ¶zlemÃ©nyek, 2000, 59, 951-960. | 1.4 | 5 |
| 148 | Evaluation of dispersion state of the two racemic compounds of troglitazone in pharmaceutical granules using IR-to-THz imaging. Infrared Physics and Technology, 2008, 51, 450-453. | 2.9 | 5 |
| 149 | Physicochemical and crystal structure analysis of pranlukast pseudo-polymorphs I: Anhydrates and hydrate. Journal of Pharmaceutical and Biomedical Analysis, 2015, 107, 11-16. | 2.8 | 5 |
| 150 | The effect of structurally related impurities on crystallinity reduction of sulfamethazine by grinding. International Journal of Pharmaceutics, 2016, 515, 416-421. | 5.2 | 5 |
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