Yuichi Tozuka

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4354789/publications.pdf

Version: 2024-02-01

180	4,517	109264 35	161767 54
papers	citations	h-index	g-index

180	180	180	4679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of transglycosylated compounds as food additives to enhance the solubility and oral absorption of hydrophobic compounds in nutraceuticals and pharmaceuticals. Critical Reviews in Food Science and Nutrition, 2023, 63, 11226-11243.	5.4	0
2	Crystalline Rearranged CD-MOF Particles Obtained via Spray-Drying Synthesis Applied to Inhalable Formulations with High Drug Loading. Crystal Growth and Design, 2022, 22, 1143-1154.	1.4	10
3	Computational approach to elucidate the formation and stabilization mechanism of amorphous formulation using molecular dynamics simulation and fragment molecular orbital calculation. International Journal of Pharmaceutics, 2022, 615, 121477.	2.6	2
4	Design of a Stable Coamorphous System Using Lactose as an Antiplasticizing Agent for Diphenhydramine Hydrochloride with a Low Glass Transition Temperature. Molecular Pharmaceutics, 2022, 19, 1209-1218.	2.3	5
5	In silico evaluation of particle transport and deposition in the airways of individual patients with chronic obstructive pulmonary disease. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 174, 10-19.	2.0	17
6	Modulating the Pore Architecture of Ice-Templated Dextran Microparticles Using Molecular Weight and Concentration. Langmuir, 2022, 38, 6741-6751.	1.6	3
7	Design of a pH-responsive oral gel formulation based on the matrix systems of gelatin/hydroxypropyl methylcellulose phthalate for controlled drug release. International Journal of Pharmaceutics, 2021, 592, 120047.	2.6	14
8	Enhancement of the extra-fine particle fraction of levofloxacin embedded in excipient matrix formulations for dry powder inhaler using response surface methodology. European Journal of Pharmaceutical Sciences, 2021, 156, 105600.	1.9	18
9	Hydrogen bonding from crystalline water mediates the hydration/dehydration of mequitazine glycolate. CrystEngComm, 2021, 23, 4816-4824.	1.3	5
10	The formation of an amorphous composite between flavonoid compounds: Enhanced solubility in both oil components and aqueous media. Journal of Drug Delivery Science and Technology, 2021, 62, 102410.	1.4	3
11	Control of Drug Release and Texture Properties for pH-responsive Colloidal Formulations. Hosokawa Powder Technology Foundation ANNUAL REPORT, 2021, 28, 157-160.	0.0	0
12	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.	2.6	10
13	Stabilizing effect of the cyclodextrins additive to spray-dried particles of curcumin/polyvinylpyrrolidone on the supersaturated state of curcumin. Advanced Powder Technology, 2021, 32, 1750-1756.	2.0	7
14	Formulation and evaluation of bitter taste-masked orally disintegrating tablets of high memantine hydrochloride loaded granules coated with polymer via layering technique. International Journal of Pharmaceutics, 2021, 604, 120725.	2.6	11
15	Improved solubility and permeability of both nifedipine and ketoconazole based on coamorphous formation with simultaneous dissolution behavior. Journal of Drug Delivery Science and Technology, 2021, 65, 102715.	1.4	8
16	Porous particles and novel carrier particles with enhanced penetration for efficient pulmonary delivery of antitubercular drugs. European Journal of Pharmaceutics and Biopharmaceutics, 2021, 167, 116-126.	2.0	14
17	Structural changes in pH-responsive gelatin/hydroxypropyl methylcellulose phthalate blends aimed at drug-release systems. International Journal of Biological Macromolecules, 2021, 190, 989-998.	3.6	8
18	A particle technology approach toward designing dry-powder inhaler formulations for personalized medicine in respiratory diseases. Advanced Powder Technology, 2020, 31, 219-226.	2.0	37

#	Article	IF	Citations
19	Numerical simulations of particle behaviour in a realistic human airway model with varying inhalation patterns. Journal of Pharmacy and Pharmacology, 2020, 72, 17-28.	1.2	12
20	The elucidation of key factors for oral absorption enhancement of nanocrystal formulations: In vitroâ€“in vivo correlation of nanocrystals. European Journal of Pharmaceutics and Biopharmaceutics, 2020, 146, 84-92.	2.0	27
21	Controlled release behavior of curcumin from kappa-carrageenan gels with flexible texture by the addition of metal chlorides. Food Hydrocolloids, 2020, 101, 105564.	5.6	21
22	Single-stranded Î²-1,3â€“1,6-glucan as a carrier for improved dissolution and membrane permeation of poorly water-soluble compounds. Carbohydrate Polymers, 2020, 247, 116698.	5.1	8
23	New Salt and Cocrystal of Mequitazine: Impact of Coformer Flexibility and Hydrogen Bond Donors on Polymorphism. Crystal Growth and Design, 2020, 20, 7219-7229.	1.4	5
24	An effective approach to modify the inhalable betamethasone powders based on morphology and surface control using a biosurfactant. Powder Technology, 2020, 376, 517-526.	2.1	7
25	Molecular aspects of glycine clustering and phase separation in an aqueous solution during anti-solvent crystallization. CrystEngComm, 2020, 22, 5182-5190.	1.3	7
26	Water-assisted synthesis of mesoporous calcium carbonate with a controlled specific surface area and its potential to ferulic acid release. RSC Advances, 2020, 10, 28019-28025.	1.7	8
27	Investigation of the molecular state of 4-aminosalicylic acid in matrix formulations for dry powder inhalers using solid-state fluorescence spectroscopy of 4-dimethylaminobenzonitrile. Advanced Powder Technology, 2019, 30, 2422-2429.	2.0	4
28	A simple blending with Î±-glycosylated naringin produces enhanced solubility and absorption of pranlukast hemihydrate. International Journal of Pharmaceutics, 2019, 567, 118490.	2.6	9
29	Formation of Food Grade Microemulsion with Rice Glycosphingolipids to Enhance the Oral Absorption of Coenzyme Q10. Foods, 2019, 8, 502.	1.9	11
30	Preparation of Amorphous Composite Particles of Drugs with Ursodeoxycholic Acid as Preclinical Formulations. Chemical and Pharmaceutical Bulletin, 2019, 67, 921-928.	0.6	2
31	Improved water dispersibility and photostability in folic acid nanoparticles with transglycosylated naringin using combined processes of wet-milling and freeze-drying. Food Research International, 2019, 121, 108-116.	2.9	7
32	Solubility and Permeability Improvement of Quercetin by an Interaction Between Î±-Glucosyl Stevia Nanoaggregates and Hydrophilic Polymer. Journal of Pharmaceutical Sciences, 2019, 108, 2033-2040.	1.6	16
33	Mixed micelles of the antihistaminic cationic drug diphenhydramine hydrochloride with anionic and non-ionic surfactants show improved solubility, drug release and cytotoxicity of ethenzamide. Journal of Molecular Liquids, 2019, 277, 349-359.	2.3	50
34	Development of porous particles using dextran as an excipient for enhanced deep lung delivery of rifampicin. International Journal of Pharmaceutics, 2019, 555, 280-290.	2.6	47
35	In-situ dissolution and permeation studies of nanocrystal formulations with second-derivative UV spectroscopy. International Journal of Pharmaceutics, 2019, 558, 242-249.	2.6	9
36	Application of nozzleless electrostatic atomization to encapsulate soybean oil with solid substances. Journal of Food Engineering, 2019, 246, 25-32.	2.7	9

#	Article	IF	Citations
37	Assessment of amorphization behavior of a drug during co-grinding with an amino acid by discrete element method simulation. Journal of Industrial and Engineering Chemistry, 2018, 62, 436-445.	2.9	4
38	Jelly containing composite based on Î±-glucosyl stevia and polyvinylpyrrolidone: Improved dissolution property of curcumin. European Journal of Pharmaceutical Sciences, 2018, 117, 48-54.	1.9	19
39	Crystallization Behavior of Glycine Molecules with Electrolytic Dissociation on Charged Silica Gel Particles. Chemical Engineering and Technology, 2018, 41, 1073-1079.	0.9	6
40	Emergent composite structures following the amorphization of itraconazole with Î±-glucosyl rutin by over-grinding. Powder Technology, 2018, 323, 69-75.	2.1	5
41	Effects of inhalation procedure on particle behavior and deposition in the airways analyzed by numerical simulation. Journal of the Taiwan Institute of Chemical Engineers, 2018, 90, 44-50.	2.7	24
42	Improved Solubility of Quercetin by Preparing Amorphous Solid with Transglycosylated Rutin and Isoquercitrin. Environmental Control in Biology, 2018, 56, 161-165.	0.3	6
43	Preparation of a Highly Water-dispersible Powder Containing Hydrophobic Polyphenols Derived from Chrysanthemum Flower with Xanthine Oxidase-inhibitory Activity. Food Science and Technology Research, 2018, 24, 273-281.	0.3	4
44	Characterization of matrix embedded formulations for combination spray-dried particles comprising pyrazinamide and rifampicin. Journal of Drug Delivery Science and Technology, 2018, 48, 137-144.	1.4	16
45	Investigation of Physiological Properties of Transglycosylated Stevia with Cationic Surfactant and Its Application To Enhance the Solubility of Rebamipide. Journal of Physical Chemistry B, 2018, 122, 10051-10061.	1.2	16
46	Preparation of Functional Powder for Improving Solubility of Poorly Water-Soluble Drug. Hosokawa Powder Technology Foundation ANNUAL REPORT, 2018, 26, 180-182.	0.0	0
47	Appropriate selection of an aggregation inhibitor of fine particles used for inhalation prepared by emulsion solvent diffusion. Drug Development and Industrial Pharmacy, 2017, 43, 30-41.	0.9	10
48	Theoretical study of the temperature dependent hydrogen storage capacity of Pd and Ti nanoparticles. International Journal of Hydrogen Energy, 2017, 42, 11501-11509.	3.8	4
49	Mixed Micelle System Produced by Interaction Between Transglycosylated Stevia and an Ionic Surfactant Improves Dissolution Profile of Mefenamic Acid. Journal of Pharmaceutical Sciences, 2017, 106, 1117-1123.	1.6	10
50	Effects of the process parameters on the size distribution of taurine particles produced by nozzleless electrostatic atomization. Chemical Engineering and Processing: Process Intensification, 2017, 117, 38-44.	1.8	5
51	Assistance for Predicting Deposition of Tranilast Dry Powder in Pulmonary Airways by Computational Fluid Dynamics. Journal of Pharmaceutical Innovation, 2017, 12, 249-259.	1.1	9
52	Evaluation of highly branched cyclic dextrin in inhalable particles of combined antibiotics for the pulmonary delivery of anti-tuberculosis drugs. International Journal of Pharmaceutics, 2017, 517, 8-18.	2.6	34
53	Development of sesamin-loaded solid dispersion with Î±-glycosylated stevia for improving physicochemical and nutraceutical properties. Journal of Functional Foods, 2017, 35, 325-331.	1.6	11
54	Improved respirable fraction of budesonide powder for dry powder inhaler formulations produced by advanced supercritical CO2 processing and use of a novel additive. International Journal of Pharmaceutics, 2017, 528, 118-126.	2.6	11

#	Article	IF	Citations
55	Co-amorphous Formation Induced by Combination of Tranilast and Diphenhydramine Hydrochloride. Journal of Pharmaceutical Sciences, 2017, 106, 123-128.	1.6	50
56	Nozzleless Electrostatic Atomization Process for Crystallization via Liquidâ€“Liquid Interfaces. Journal of Chemical Engineering of Japan, 2017, 50, 367-375.	0.3	7
57	In Vitro and In Vivo Characterization of Drug Nanoparticles Prepared Using PureNanoâ„¢ Continuous Crystallizer to Improve the Bioavailability of Poorly Water Soluble Drugs. Pharmaceutical Research, 2016, 33, 2259-2268.	1.7	12
58	Inhibition of Photodegradation of Highly Dispersed Folic Acid Nanoparticles by the Antioxidant Effect of Transglycosylated Rutin. Journal of Agricultural and Food Chemistry, 2016, 64, 3062-3069.	2.4	20
59	Improvement in photocatalytic activity of morphologically controlled Pd-supporting TiO 2 particles via solâ€“gel process using inkjet nozzle. Ceramics International, 2016, 42, 9963-9971.	2.3	10
60	Hybridization of polyvinylpyrrolidone to a binary composite of curcumin/Î±-glucosyl stevia improves both oral absorption and photochemical stability of curcumin. Food Chemistry, 2016, 213, 668-674.	4.2	27
61	Amorphization and radical formation of cystine particles by a mechanochemical process analyzed using DEM simulation. Powder Technology, 2016, 301, 220-227.	2.1	15
62	Evaluation of the Micellization Mechanism of an Amphipathic Graft Copolymer with Enhanced Solubility of Ipriflavone. Chemical and Pharmaceutical Bulletin, 2016, 64, 68-72.	0.6	27
63	Application of combinational supercritical CO2 techniques to the preparation of inhalable particles. Journal of Drug Delivery Science and Technology, 2016, 36, 1-9.	1.4	17
64	Mutual diffusion diagram of liquid-liquid interfaces for morphological control of NaCl crystals. Journal of Molecular Liquids, 2016, 223, 462-468.	2.3	8
65	Morphological control of tranilast attached to carrier particles by amino acid addition. Advanced Powder Technology, 2016, 27, 971-976.	2.0	3
66	Pulmonary liposomal formulations encapsulated procaterol hydrochloride by a remote loading method achieve sustained release and extended pharmacological effects. International Journal of Pharmaceutics, 2016, 505, 139-146.	2.6	19
67	Soluble hydrolysis-resistant composite formulation of curcumin containing Î±-glucosyl hesperidin and polyvinylpyrrolidone. Advanced Powder Technology, 2016, 27, 442-447.	2.0	14
68	A Strategy for Co-former Selection to Design Stable Co-amorphous Formations Based on Physicochemical Properties of Non-steroidal Inflammatory Drugs. Pharmaceutical Research, 2016, 33, 1018-1029.	1.7	43
69	Low hygroscopic spray-dried powders with trans-glycosylated food additives enhance the solubility and oral bioavailability of ipriflavone. Food Chemistry, 2016, 190, 1050-1055.	4.2	22
70	Particle Design Using Nano-assembly Structure of Transglycosylated Materials. Journal of the Society of Powder Technology, Japan, 2016, 53, 14-20.	0.0	0
71	Particle design using nano-assembly structure of transglycosylated materials. Drug Delivery System, 2015, 30, 111-120.	0.0	1
72	Kinetics of co-crystal formation with caffeine and citric acid via liquid-assisted grinding analyzed using the distinct element method. European Journal of Pharmaceutical Sciences, 2015, 76, 217-224.	1.9	37

#	Article	IF	Citations
73	Absorption improvement of tranilast by forming highly soluble nano-size composite structures associated with Î±-glucosyl rutin via spray drying. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 92, 49-55.	2.0	27
74	Preparation of composite particles of hydrophilic or hydrophobic drugs with highly branched cyclic dextrin via spray drying for dry powder inhalers. Powder Technology, 2015, 283, 16-23.	2.1	28
75	Anomalous Role Change of Tertiary Amino and Ester Groups as Hydrogen Acceptors in Eudragit E Based Solid Dispersion Depending on the Concentration of Naproxen. Molecular Pharmaceutics, 2015, 12, 1050-1061.	2.3	22
76	Feasibility of highly branched cyclic dextrin as an excipient matrix in dry powder inhalers. European Journal of Pharmaceutical Sciences, 2015, 79, 79-86.	1.9	21
77	Enhanced solubility of quercetin by forming composite particles with transglycosylated materials. Journal of Food Engineering, 2015, 149, 248-254.	2.7	48
78	Fabrication of composite particles by liquidâ€“liquid interfacial crystallization using an ultrasonic spray nozzle. Powder Technology, 2015, 269, 401-408.	2.1	16
79	Morphology control of amino acid particles in interfacial crystallization using inkjet nozzle. Advanced Powder Technology, 2014, 25, 847-852.	2.0	32
80	Formation mechanism of non-spherical calcium carbonate particles in the solution using cluster-moving Monte Carlo simulation. Journal of Molecular Liquids, 2014, 194, 115-120.	2.3	5
81	Anti-plasticizing Effect of Amorphous Indomethacin Induced by Specific Intermolecular Interactions with PVA Copolymer. Journal of Pharmaceutical Sciences, 2014, 103, 2829-2838.	1.6	39
82	Drug solubilization mechanism of Î±-glucosyl stevia by NMR spectroscopy. International Journal of Pharmaceutics, 2014, 465, 255-261.	2.6	30
83	Raman mapping for kinetic analysis of crystallization of amorphous drug based on distributional images. International Journal of Pharmaceutics, 2014, 462, 115-122.	2.6	38
84	Interfacial solâ€“gel processing for preparation of porous titania particles using a piezoelectric inkjet nozzle. Chemical Engineering Research and Design, 2014, 92, 2461-2469.	2.7	20
85	Effect of organic solvent on mutual diffusion and ionic behavior near liquidâ€“liquid interface by molecular dynamics simulations. Journal of Molecular Liquids, 2014, 197, 243-250.	2.3	10
86	Effect of Grinding Conditions on Radical Formation Following Structural Change of Amino Acid Particles. Journal of the Society of Powder Technology, Japan, 2014, 51, 571-577.	0.0	2
87	Preparation of bromfenac-loaded liposomes modified with chitosan for ophthalmic drug delivery and evaluation of physicochemical properties and drug release profile. Asian Journal of Pharmaceutical Sciences, 2013, 8, 104-109.	4.3	27
88	Process monitoring of ultrasound compaction as a small-scale heating process. European Journal of Pharmaceutical Sciences, 2013, 49, 829-835.	1.9	3
89	A completely solvent-free process for the improvement of erythritol compactibility. International Journal of Pharmaceutics, 2013, 455, 132-137.	2.6	2
90	Dry powder formulation with Î±-glycosyltransferase-treated stevia for the effective absorption of hydrophobic bioactive compounds in crude drugs. Powder Technology, 2013, 240, 2-6.	2.1	9

#	Article	IF	Citations
91	Retinal drug delivery using eyedrop preparations of poly-l-lysine-modified liposomes. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 83, 364-369.	2.0	66
92	Solventless dry powder coating for sustained drug release using mechanochemical treatment based on the tri-component system of acetaminophen, carnauba wax and glidant. Drug Development and Industrial Pharmacy, 2013, 39, 259-265.	0.9	17
93	Surface Modification of Liposomes Using Polymer-Wheat Germ Agglutinin Conjugates to Improve the Absorption of Peptide Drugs by Pulmonary Administration. Journal of Pharmaceutical Sciences, 2013, 102, 1281-1289.	1.6	35
94	Development of a Novel and Simple Method to Evaluate Disintegration of Rapidly Disintegrating Tablets. Chemical and Pharmaceutical Bulletin, 2013, 61, 962-966.	0.6	7
95	Fabrication of Organic/inorganic Composite Particles by Atomizing Crystallization. Journal of the Society of Powder Technology, Japan, 2013, 50, 790-796.	0.0	5
96	Quantum Dot-Loaded Liposomes to Evaluate the Behavior of Drug Carriers after Oral Administration. Journal of Pharmaceutics, 2013, 2013, 1-6.	4.6	7
97	Liposomal diclofenac eye drop formulations targeting the retina: Formulation stability improvement using surface modification of liposomes. International Journal of Pharmaceutics, 2012, 436, 564-567.	2.6	66
98	Pulmonary delivery of elcatonin using surface-modified liposomes to improve systemic absorption: Polyvinyl alcohol with a hydrophobic anchor and chitosan oligosaccharide as effective surface modifiers. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 340-346.	2.0	72
99	Transglycosylated rutin-specific non-surface-active nanostructure affects absorption enhancement of flurbiprofen. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 82, 120-126.	2.0	31
100	Nanocomposite formation between alpha-glucosyl stevia and surfactant improves the dissolution profile of poorly water-soluble drug. International Journal of Pharmaceutics, 2012, 428, 183-186.	2.6	21
101	Unique indomethacin nanoparticles formation by cogrinding with dextrin under defined moisture conditions. Powder Technology, 2012, 221, 213-219.	2.1	7
102	In vitro and in vivo evaluation of WGAâ€“carbopol modified liposomes as carriers for oral peptide delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 77, 216-224.	2.0	86
103	Edaravone-loaded liposomes for retinal protection against oxidative stress-induced retinal damage. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 119-125.	2.0	58
104	A novel application of Î±-glucosyl hesperidin for nanoparticle formation of active pharmaceutical ingredients by dry grinding. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 559-565.	2.0	28
105	Characterization of Amorphous Ursodeoxycholic Acid Prepared by Spray-drying. Journal of Pharmacy and Pharmacology, 2011, 50, 1213-1219.	1.2	28
106	Edaravone-Loaded Liposome Eyedrops Protect against Light-Induced Retinal Damage in Mice. , 2011, 52, 7289.		54
107	Molecular States of p-Dimethylaminobenzonitrile Coground with .BETA.-Cyclodextrin Investigated Using Solid-State Fluorescence Spectroscopy. Chemical and Pharmaceutical Bulletin, 2011, 59, 1299-1302.	0.6	3
108	Fluorescence Investigation of the Retinal Delivery of Hydrophilic Compounds via Liposomal Eyedrops. Biological and Pharmaceutical Bulletin, 2011, 34, 894-897.	0.6	14

#	Article	IF	Citations
109	A mucoadhesive nanoparticulate system for the simultaneous delivery of macromolecules and permeation enhancers to the intestinal mucosa. Journal of Controlled Release, 2011, 149, 81-88.	4.8	119
110	Guest molecular size-dependent inclusion complexation of parabens with cholic acid by cogrinding. International Journal of Pharmaceutics, 2011, 420, 191-197.	2.6	5
111	Design and evaluation of novel pH-sensitive chitosan nanoparticles for oral insulin delivery. European Journal of Pharmaceutical Sciences, 2011, 42, 445-451.	1.9	239
112	Fluorescence investigation of a specific structure formed by aggregation of transglycosylated stevias: Solubilizing effect of poorly water-soluble drugs. European Journal of Pharmaceutical Sciences, 2011, 43, 71-77.	1.9	23
113	Î±-Glucosyl hesperidin induced an improvement in the bioavailability of pranlukast hemihydrate using high-pressure homogenization. International Journal of Pharmaceutics, 2011, 410, 114-117.	2.6	20
114	NMR investigation of a novel excipient, Î±â€glucosylhesperidin, as a suitable solubilizing agent for poorly waterâ€soluble drugs. Journal of Pharmaceutical Sciences, 2011, 100, 4421-4431.	1.6	27
115	N-trimethyl chitosan-modified liposomes as carriers for oral delivery of salmon calcitonin. Drug Delivery, 2011, 18, 562-569.	2.5	38
116	Coloration Phenomenon of Mefenamic Acid in Mesoporous Silica FSM-16. Chemical and Pharmaceutical Bulletin, 2010, 58, 214-218.	0.6	5
117	A combinational supercritical CO2 system for nanoparticle preparation of indomethacin. International Journal of Pharmaceutics, 2010, 386, 243-248.	2.6	49
118	Release profile of insulin entrapped on mesoporous materials by freezeâ€“thaw method. International Journal of Pharmaceutics, 2010, 386, 172-177.	2.6	28
119	Nanoparticles of glycol chitosan and its thiolated derivative significantly improved the pulmonary delivery of calcitonin. International Journal of Pharmaceutics, 2010, 397, 92-95.	2.6	98
120	Salicylic Acid/Î³-Cydodextrin 2:1 and 4:1 Complex Formation by Sealed-Heating Method. Journal of Pharmaceutical Sciences, 2010, 99, 4192-4200.	1.6	39
121	Anomalous dissolution property enhancement of naringenin from spray-dried particles with Î±-glucosylhesperidin. Advanced Powder Technology, 2010, 21, 305-309.	2.0	27
122	Ascorbyl dipalmitate/PEG-lipid nanoparticles as a novel carrier for hydrophobic drugs. International Journal of Pharmaceutics, 2010, 387, 236-243.	2.6	27
123	Improvement of dissolution and absorption properties of poorly water-soluble drug by preparing spray-dried powders with Î±-glucosyl hesperidin. International Journal of Pharmaceutics, 2010, 392, 101-106.	2.6	27
124	Physicochemical Properties Affecting Retinal Drug/Coumarin-6 Delivery from Nanocarrier Systems via Eyedrop Administration. , 2010, 51, 3162.		69
125	Transglycosylated stevia and hesperidin as pharmaceutical excipients: Dramatic improvement in drug dissolution and bioavailability. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 76, 238-244.	2.0	45
126	Design and evaluation of a liposomal delivery system targeting the posterior segment of the eye. Journal of Controlled Release, 2009, 136, 247-253.	4.8	122

#	Article	IF	Citations
127	Prednisolone multicomponent nanoparticle preparation by aerosol solvent extraction system. International Journal of Pharmaceutics, 2009, 380, 201-205.	2.6	24
128	Molecular states of prednisolone dispersed in folded sheet mesoporous silica (FSM-16). International Journal of Pharmaceutics, 2009, 378, 17-22.	2.6	21
129	pH-Sensitive nanospheres for colon-specific drug delivery in experimentally induced colitis rat model. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 72, 1-8.	2.0	163
130	Studies for the Nanoparticle Preparation of Active Pharmaceutical Ingredient. Journal of the Society of Powder Technology, Japan, 2009, 46, 35-39.	0.0	0
131	Effect of surface properties of liposomes coated with a modified polyvinyl alcohol (PVA-R) on the interaction with macrophage cells. International Journal of Pharmaceutics, 2008, 354, 174-179.	2.6	25
132	Formation mechanism of colloidal nanoparticles obtained from probucol/PVP/SDS ternary ground mixture. International Journal of Pharmaceutics, 2008, 352, 309-316.	2.6	60
133	A novel method for measuring rigidity of submicron-size liposomes with atomic force microscopy. International Journal of Pharmaceutics, 2008, 355, 203-209.	2.6	62
134	Cyclodextrins as stabilizers for the preparation of drug nanocrystals by the emulsion solvent diffusion method. International Journal of Pharmaceutics, 2008, 357, 280-285.	2.6	47
135	Supercritical carbon dioxide processing of active pharmaceutical ingredients for polymorphic control and for complex formation. Advanced Drug Delivery Reviews, 2008, 60, 328-338.	6.6	78
136	Physicochemical, Morphological and Therapeutic Evaluation of Agarose Hydrogel Particles as a Reservoir for Basic Fibroblast Growth Factor. Pharmaceutical Development and Technology, 2008, 13, 541-547.	1.1	16
137	Micronization of Dihydroartemisinin by Rapid Expansion of Supercritical Solutions. Drug Development and Industrial Pharmacy, 2008, 34, 609-617.	0.9	26
138	Formation, Physical Stability and In Vitro Antimalarial Activity of Dihydroartemisinin Nanosuspensions Obtained by Co-grinding Method. Drug Development and Industrial Pharmacy, 2008, 34, 314-322.	0.9	50
139	Fine particle design and preparations for pulmonary drug delivery. Drug Delivery System, 2008, 23, 467-473.	0.0	1
140	Preparation of Drug Nanoparticles by Co-grinding with Cyclodextrin: Formation Mechanism and Factors Affecting Nanoparticle Formation. Chemical and Pharmaceutical Bulletin, 2007, 55, 359-363.	0.6	22
141	Application of ascorbic acid 2-glucoside as a solubilizing agent for clarithromycin: Solubilization and nanoparticle formation. International Journal of Pharmaceutics, 2007, 331, 38-45.	2.6	33
142	Stabilization mechanism of limaprost in solid dosage form. International Journal of Pharmaceutics, 2007, 338, 1-6.	2.6	12
143	Solubility-dependent complexation of active pharmaceutical ingredients with trimethyl-Î²-cyclodextrin under supercritical fluid condition. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 289-295.	1.6	13
144	Specific Inclusion Mode of Guest Compounds in the Amylose Complex Analyzed by Solid State NMR Spectroscopy. Chemical and Pharmaceutical Bulletin, 2006, 54, 1097-1101.	0.6	31

#	Article	IF	Citations
145	Molecular Interaction among Probucol/PVP/SDS Multicomponent System Investigated by Solid-State NMR. Pharmaceutical Research, 2006, 23, 2566-2574.	1.7	50
146	Equimolar Complex Formation of Urea or Thiourea with 2-alkoxy-benzamides: Structural Factors Required for the Equimolar Complex Formation. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 54, 9-16.	1.6	13
147	Investigation of Drug Nanoparticle Formation by Co-grinding with Cyclodextrins: Studies for Indomethacin, Furosemide and Naproxen. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 56, 29-32.	1.6	18
148	Ibuprofen-Cyclodextrin Inclusion Complex Formation using Supercritical Carbon Dioxide. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 56, 33-37.	1.6	25
149	Micronization of Phenylbutazone by Rapid Expansion of Supercritical CO₂ Solution. Chemical and Pharmaceutical Bulletin, 2005, 53, 1025-1028.	0.6	35
150	Water Vapor Adsorption Behavior of Sodium Deoxycholate Anhydrous Forms. Chemical and Pharmaceutical Bulletin, 2005, 53, 180-183.	0.6	5
151	Effect of Pore Size of FSM-16 on the Entrapment of Flurbiprofen in Mesoporous Structures. Chemical and Pharmaceutical Bulletin, 2005, 53, 974-977.	0.6	48
152	Rapid adsorption and entrapment of benzoic acid molecules onto mesoporous silica (FSM-16). Journal of Colloid and Interface Science, 2005, 291, 471-476.	5.0	37
153	Influence of dehydration temperature on water vapor adsorption, dissolution behavior and surface property of ampicillin. International Journal of Pharmaceutics, 2005, 288, 245-252.	2.6	5
154	Co-grinding with Cyclodextrin as a Nanoparticle Preparation Method of a Poorly Water Soluble Drug. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 67-71.	1.6	6
155	Co-grinding with Cyclodextrin as a Nanoparticle Preparation Method of a Poorly Water Soluble Drug. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2004, 50, 67-71.	1.6	12
156	Modification of physicochemical and mechanical properties of shellac by partial hydrolysis. International Journal of Pharmaceutics, 2004, 278, 41-49.	2.6	112
157	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
158	Grinding-Induced Equimolar Complex Formation between Thiourea and Ethenzamide. Chemical and Pharmaceutical Bulletin, 2004, 52, 524-529.	0.6	23
159	Adsorption and entrapment of salicylamide molecules into the mesoporous structure of folded sheets mesoporous material (FSM-16). Pharmaceutical Research, 2003, 20, 926-930.	1.7	29
160	Differentiated thermal crystallization from amorphous chenodeoxycholic acid between the ground specimens derived from the polymorphs. International Journal of Pharmaceutics, 2003, 253, 81-88.	2.6	17
161	Factors affecting the apparent solubility of ursodeoxycholic acid in the grinding process. International Journal of Pharmaceutics, 2003, 255, 49-56.	2.6	20
162	Supercritical carbon dioxide treatment as a method for polymorph preparation of deoxycholic acid. International Journal of Pharmaceutics, 2003, 263, 45-50.	2.6	32

#	Article	IF	Citations
163	Formation of fine drug particle by cogrinding with cyclodextrins. International Journal of Pharmaceutics, 2003, 265, 85-93.	2.6	26
164	Nanoparticle Formation of Poorly Water-Soluble Drugs from Ternary Ground Mixtures with PVP and SDS.. Chemical and Pharmaceutical Bulletin, 2003, 51, 171-174.	0.6	61
165	Novel Channel Structure of Bile Acid-Guest Inclusion Complex Formed between Ursodeoxycholic Acid and Phenanthrene.. Chemical and Pharmaceutical Bulletin, 2003, 51, 227-229.	0.6	12
166	Improvement of Physicochemical Properties of N-4472. Part III. VC/N-4472 Complex Formation and Self-association in Aqueous Solution.. Chemical and Pharmaceutical Bulletin, 2003, 51, 40-45.	0.6	5
167	Crystal Structure of the Alcoholates and the Ansolvate of PNU-97018, an Angiotensin II Receptor Antagonist.. Chemical and Pharmaceutical Bulletin, 2002, 50, 1022-1027.	0.6	4
168	Characterization and Quantitation of Clarithromycin Polymorphs by Powder X-Ray Diffractometry and Solid-State NMR Spectroscopy.. Chemical and Pharmaceutical Bulletin, 2002, 50, 1128-1130.	0.6	33
169	Elucidation of Solid-State Complexation in Ground Mixtures of Cholic Acid and Guest Compounds.. Chemical and Pharmaceutical Bulletin, 2002, 50, 887-891.	0.6	17
170	Solid-State Fluorescence Study of Naphthalene Adsorption on Porous Material. Journal of Colloid and Interface Science, 2002, 248, 239-243.	5.0	14
171	Effects of dehydration temperature on water vapor adsorption and dissolution behavior of carbamazepine. International Journal of Pharmaceutics, 2002, 239, 1-12.	2.6	24
172	Inclusion Compound Formation of Amylose by Sealed-Heating with Salicylic Acid Analogues. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2002, 43, 31-36.	1.6	35
173	Formation of fine drug particles by cogrinding with cyclodextrins. I. The use of beta-cyclodextrin anhydrate and hydrate. Pharmaceutical Research, 2002, 19, 1867-1872.	1.7	37
174	Effects of Dehydration Temperatures on Moisture Absorption and Dissolution Behavior of Theophylline.. Chemical and Pharmaceutical Bulletin, 2001, 49, 1526-1530.	0.6	23
175	The Change of the Structure of Amylose During the Inclusion of 2-Naphthol in Sealed-heating Process. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 145-149.	1.6	13
176	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.	2.0	10
177	Water Vapor Adsorption Properties of Amorphous Cefditoren Pivoxil Evaluated by Adsorption Isotherms and Microcalorimetry. Drug Development and Industrial Pharmacy, 2000, 26, 643-649.	0.9	12
178	Comparison of Crystallinity of Cefditoren Pivoxil Determined by X-Ray, Differential Scanning Calorimetry and Microcalorimetry.. Chemical and Pharmaceutical Bulletin, 1999, 47, 1638-1640.	0.6	8
179	Fluorometric Studies of Pyrene Adsorption on Porous Crystalline Cellulose. Journal of Colloid and Interface Science, 1998, 205, 510-515.	5.0	23
180	Mechanisms of Polymorphic Transition and Composite of Amino Acid Particles by Planetary Ball Mill. Journal of the Society of Powder Technology, Japan, 1914, 51, 750-758.	0.0	1