

Tetsuya Ozeki

List of Publications by Year in descending order

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59
papers

1,686
citations

236925

25
h-index

289244

40
g-index

60
all docs

60
docs citations

60
times ranked

2264
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step preparation of rifampicin/poly(lactic-co-glycolic acid) nanoparticle-containing mannitol microspheres using a four-fluid nozzle spray drier for inhalation therapy of tuberculosis. <i>Journal of Controlled Release</i> , 2009, 135, 19-24.	9.9	154
2	3D Printing Factors Important for the Fabrication of Polyvinylalcohol Filament-Based Tablets. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 357-364.	1.4	104
3	Defined drug release from 3D-printed composite tablets consisting of drug-loaded polyvinylalcohol and a water-soluble or water-insoluble polymer filler. <i>International Journal of Pharmaceutics</i> , 2018, 543, 361-367.	5.2	82
4	3D printing of gummy drug formulations composed of gelatin and an HPMC-based hydrogel for pediatric use. <i>International Journal of Pharmaceutics</i> , 2021, 594, 120118.	5.2	64
5	Curcumin marinosomes as promising nano-drug delivery system for lung cancer. <i>International Journal of Pharmaceutics</i> , 2018, 540, 40-49.	5.2	60
6	The Use of an Efficient Microfluidic Mixing System for Generating Stabilized Polymeric Nanoparticles for Controlled Drug Release. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 899-907.	1.4	59
7	3D printing of unique water-soluble polymer-based suppository shell for controlled drug release. <i>International Journal of Pharmaceutics</i> , 2019, 568, 118494.	5.2	52
8	The effect of simvastatin-loaded polymeric microspheres in a critical size bone defect in the rabbit calvaria. <i>International Journal of Pharmaceutics</i> , 2014, 461, 157-162.	5.2	48
9	Fabrication of liposomal doxorubicin exhibiting ultrasensitivity against phospholipase A 2 for efficient pulmonary drug delivery to lung cancers. <i>International Journal of Pharmaceutics</i> , 2017, 517, 35-41.	5.2	48
10	Fabrication of 3D-Printed Fish-Gelatin-Based Polymer Hydrogel Patches for Local Delivery of PEGylated Liposomal Doxorubicin. <i>Marine Drugs</i> , 2020, 18, 325.	4.6	47
11	Improvement of survival in C6 rat glioma model by a sustained drug release from localized PLGA microspheres in a thermoreversible hydrogel. <i>International Journal of Pharmaceutics</i> , 2012, 427, 299-304.	5.2	45
12	Recent Trends in Clinical Trials Related to Carrier-Based Drugs. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2219-2226.	3.3	44
13	Fabrication of Naftopidil-Loaded Tablets Using a Semisolid Extrusion-Type 3D Printer and the Characteristics of the Printed Hydrogel and Resulting Tablets. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 907-913.	3.3	43
14	Application of a Four-fluid Nozzle Spray Drier to Prepare Inhalable Rifampicin-containing Mannitol Microparticles. <i>AAPS PharmSciTech</i> , 2008, 9, 755-761.	3.3	42
15	Preparation of two-drug composite microparticles to improve the dissolution of insoluble drug in water for use with a 4-fluid nozzle spray drier. <i>Journal of Controlled Release</i> , 2005, 107, 387-394.	9.9	41
16	Preparation of drug nanoparticle-containing microparticles using a 4-fluid nozzle spray drier for oral, pulmonary, and injection dosage forms. <i>Journal of Controlled Release</i> , 2007, 122, 10-15.	9.9	41
17	Fabrication of Muco-Adhesive Oral Films by the 3D Printing of Hydroxypropyl Methylcellulose-Based Catechin-Loaded Formulations. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1898-1905.	1.4	41
18	Preparation of Polymeric Submicron Particle-Containing Microparticles Using a 4-Fluid Nozzle Spray Drier. <i>Pharmaceutical Research</i> , 2006, 23, 177-183.	3.5	40

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19	Controlled release of drug via methylcellulose-carboxyvinylpolymer interpolymer complex solid dispersion. <i>AAPS PharmSciTech</i> , 2005, 6, E231-E236.	3.3	36
20	Fabrication of nanocomposite particles using a two-solution mixing-type spray nozzle for use in an inhaled curcumin formulation. <i>International Journal of Pharmaceutics</i> , 2016, 511, 104-110.	5.2	34
21	Effective light-triggered contents release from helper lipid-incorporated liposomes co-encapsulating gemcitabine and a water-soluble photosensitizer. <i>International Journal of Pharmaceutics</i> , 2018, 540, 50-56.	5.2	30
22	Effective-Loading of Platinum- ¹⁹² Pt-Chloroquine into PEGylated Neutral and Cationic Liposomes as a Drug Delivery System for Resistant Malaria Parasites. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 815-823.	1.4	29
23	Developing spray-freeze-dried particles containing a hyaluronic acid-coated liposome-protamine-DNA complex for pulmonary inhalation. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119338.	5.2	29
24	One-step preparation of drug-containing microparticles to enhance the dissolution and absorption of poorly water-soluble drugs using a 4-fluid nozzle spray drier. <i>Journal of Controlled Release</i> , 2007, 120, 205-210.	9.9	28
25	Effective Remote Loading of Doxorubicin into DPPC/Poloxamer 188 Hybrid Liposome to Retain Thermosensitive Property and the Assessment of Carrier-Based Acute Cytotoxicity for Pulmonary Administration. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3824-3832.	3.3	28
26	Combination Therapy of Surgical Tumor Resection with Implantation of a Hydrogel Containing Camptothecin-Loaded Poly(lactic-co-glycolic acid) Microspheres in a C6 Rat Glioma Model. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 545-550.	1.4	25
27	Development of a Sustainable Release System for a Ranibizumab Biosimilar Using Poly(lactic-co-glycolic acid) Biodegradable Polymer-Based Microparticles as a Platform. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 145-150.	1.4	25
28	Treatment of Rat Brain Tumors Using Sustained-Release of Camptothecin from Poly(lactic-co-glycolic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 1142-1147.	1.3	24
29	Preparation of Curcumin-Containing β -, γ -, and δ -Cyclodextrin/Polyethyleneglycol-Conjugated Gold Multifunctional Nanoparticles and Their <i>In Vitro</i> Cytotoxic Effects on A549 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 908-914.	1.4	23
30	Drug Incorporation into Polymer Filament Using Simple Soaking Method for Tablet Preparation Using Fused Deposition Modeling. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1753-1760.	1.4	23
31	Simple and effective preparation of nano-pulverized curcumin by femtosecond laser ablation and the cytotoxic effect on C6 rat glioma cells <i>in vitro</i> . <i>International Journal of Pharmaceutics</i> , 2014, 468, 91-96.	5.2	22
32	Drug/polymer nanoparticles prepared using unique spray nozzles and recent progress of inhaled formulation. <i>Asian Journal of Pharmaceutical Sciences</i> , 2014, 9, 236-243.	9.1	20
33	Active Drug Targeting of a Folate-Based Cyclodextrin-Doxorubicin Conjugate and the Cytotoxic Effect on Drug-Resistant Mammary Tumor Cells <i>In Vitro</i> . <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2934-2940.	3.3	19
34	Application of 3D printing technology for generating hollow-type suppository shells. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119825.	5.2	19
35	The effect of the release behavior of simvastatin from different PLGA particles on bone regeneration <i>in vitro</i> and <i>in vivo</i> : Comparison of simvastatin-loaded PLGA microspheres and nanospheres. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 33, 136-142.	3.0	18
36	Gold nanoparticle-coated thermosensitive liposomes for the triggered release of doxorubicin, and photothermal therapy using a near-infrared laser. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127038.	4.7	18

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37	Lyophilized ophthalmologic patches as novel corneal drug formulations using a semi-solid extrusion 3D printer. <i>International Journal of Pharmaceutics</i> , 2022, 617, 121448.	5.2	18
38	Ranibizumab biosimilar/polyethyleneglycol-conjugated gold nanoparticles as a novel drug delivery platform for age-related macular degeneration. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 38, 45-50.	3.0	16
39	Preparation of polymer-blended quinine nanocomposite particles by spray drying and assessment of their instrumental bitterness-masking effect using a taste sensor. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 715-722.	2.0	14
40	Improved Intestinal Absorption of a Poorly Water-Soluble Oral Drug Using Mannitol Microparticles Containing A Nanosolid Drug Dispersion. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 4191-4200.	3.3	13
41	Effective and simple prediction model of drug release from "ghost tablets" fabricated using a digital light projection-type 3D printer. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120721.	5.2	13
42	Development of a Novel and Customizable Two-Solution Mixing Type Spray Nozzle for One-Step Preparation of Nanoparticle-Containing Microparticles. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1926-1931.	1.4	12
43	Functionally Engineered Nanosized Particles in Pharmaceutics: Improved Oral Delivery of Poorly Water-soluble Drugs. <i>Current Pharmaceutical Design</i> , 2013, 19, 6259-6269.	1.9	12
44	Effect of shape of sodium salicylate particles on physical property and in vitro aerosol performance of granules prepared by pressure swing granulation method. <i>AAPS PharmSciTech</i> , 2003, 4, 506-513.	3.3	10
45	Taste Masking of Propiverine Hydrochloride by Conversion to Its Free Base. <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 976-984.	1.3	10
46	The offset effect of a hyaluronic acid coating to cationic carriers containing siRNA: Alleviated cytotoxicity and retained gene silencing in vitro. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 435-441.	3.0	10
47	Improved Bioavailability of a Water-Insoluble Drug by Inhalation of Drug-Containing Maltosyl- β -Cyclodextrin Microspheres Using a Four-Fluid Nozzle Spray Drier. <i>AAPS PharmSciTech</i> , 2012, 13, 1130-1137.	3.3	8
48	Lyophilized tablets of felodipine-loaded polymeric nanocapsules to enhance aqueous solubility: Formulation and optimization. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 70, 103172.	3.0	8
49	Effect of X-ray exposure on the pharmaceutical quality of drug tablets using X-ray inspection equipment. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 953-958.	2.0	7
50	Design of rapidly disintegrating oral tablets using acid-treated yeast cell wall: A technical note. <i>AAPS PharmSciTech</i> , 2003, 4, 561-564.	3.3	5
51	Useful properties of siRNA-coated gold nanoparticles as a mini-nanocarrier platform for intraocular administration. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 47, 411-416.	3.0	4
52	Development of Dried Emulsion/Mannitol Composite Microparticles through a Unique Spray Nozzle for Efficient Delivery of Hydrophilic Anti-tuberculosis Drug against Alveolar Macrophages. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1846-1853.	1.4	4
53	Development of Intra-knee Joint Sustained-Release Gel Formulation and Evaluation of Its Pharmacological Efficiency in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 830-836.	1.4	3
54	Effective spray drying technique to prepare nanocomposite particles by preventing the growth of needle-like simvastatin crystal. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101188.	3.0	3

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55	Confectionery Xylitol Gum-Containing Tablets for Medical Application and the Sintering Effect on Gum Tablets. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1309-1315.	1.4	3
56	Fabrication of photosensitizer-polyethylene glycol-conjugated gold nanostars for simultaneous photothermal and photodynamic cancer therapy under near-infrared laser irradiation. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102892.	3.0	3
57	Acid-treated yeast cell wall as a binder displaying function of disintegrant. <i>AAPS PharmSciTech</i> , 2003, 4, 94-100.	3.3	2
58	Dissolution of Water-insoluble Curcumin by Femtosecond-laser Ablation in the Presence of Cyclodextrins and Its Cytotoxic Bioactivity against Lung Cancer Cells. <i>Chemistry Letters</i> , 2016, 45, 1072-1074.	1.3	1
59	Novel Technology of Nano-Porous Drug Particles by Using Unique Spray Nozzle. <i>Hosokawa Powder Technology Foundation ANNUAL REPORT</i> , 2017, 25, 33-36.	0.0	0