

Kohei Tahara

List of Publications by Year in descending order

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77
papers

2,077
citations

249298

26
h-index

286692

43
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79
all docs

79
docs citations

79
times ranked

3317
citing authors

#	ARTICLE	IF	CITATIONS
1	Emulsion-electrospun polyvinyl alcohol nanofibers as a solid dispersion system to improve solubility and control the release of probucol, a poorly water-soluble drug. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 67, 102953.	1.4	17
2	Design and evaluation of folate-modified liposomes for pulmonary administration in lung cancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 168, 106081.	1.9	11
3	Hydroxypropyl- β -cyclodextrin Enhances Oral Absorption of Silymarin Nanoparticles Prepared Using PureNano [®] , [©] Continuous Crystallizer. <i>Pharmaceutics</i> , 2022, 14, 394.	2.0	4
4	Personalized Manufacturing of Pharmaceuticals Using One-Pot Powder Processing Equipment. <i>Hosokawa Powder Technology Foundation ANNUAL REPORT</i> , 2022, 29, 47-50.	0.0	0
5	Oral mucus-penetrating PEGylated liposomes to improve drug absorption: Differences in the interaction mechanisms of a mucoadhesive liposome. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120148.	2.6	30
6	Monovalent antibody-conjugated lipid-polymer nanohybrids for active targeting to desmoglein 3 of keratinocytes to attenuate psoriasiform inflammation. <i>Theranostics</i> , 2021, 11, 4567-4584.	4.6	7
7	Orally disintegrating films: The effects of water content on disintegration and mechanical properties. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 66, 102893.	1.4	3
8	Pharmaceutical formulation and manufacturing using particle/powder technology for personalized medicines. <i>Advanced Powder Technology</i> , 2020, 31, 387-392.	2.0	17
9	Impact of surface roughness of pre-treated punches and powder properties on prevention of sticking during pharmaceutical tableting. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101999.	1.4	1
10	Mechanical characteristics of orally disintegrating films: Comparison of folding endurance and tensile properties. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119876.	2.6	35
11	Statistical analyses for the preparation of taste-masking granules using a pH-dependent polymer. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101124.	1.4	3
12	Novel use of insoluble particles as disintegration enhancers for orally disintegrating films. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101310.	1.4	11
13	Adverse event profiles of solvent-based and nanoparticle albumin-bound paclitaxel formulations using the Food and Drug Administration Adverse Event Reporting System. <i>SAGE Open Medicine</i> , 2019, 7, 205031211983601.	0.7	6
14	Effects of cationic liposomes with stearylamine against virus infection. <i>International Journal of Pharmaceutics</i> , 2018, 543, 311-317.	2.6	31
15	Advanced Continuous Flow Platform for On-Demand Pharmaceutical Manufacturing. <i>Chemistry - A European Journal</i> , 2018, 24, 2776-2784.	1.7	81
16	Formulation design of hydroxypropyl cellulose films for use as orally disintegrating dosage forms. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 46, 93-100.	1.4	35
17	Formulation design of granules prepared by wet granulation method using a multi-functional single-punch tablet press to avoid tableting failures. <i>Asian Journal of Pharmaceutical Sciences</i> , 2018, 13, 113-119.	4.3	20
18	Evaluation of liposomal behavior in the gastrointestinal tract after oral administration using real-time <i>in vivo</i> imaging. <i>Drug Development and Industrial Pharmacy</i> , 2018, 44, 608-614.	0.9	22

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19	Development of Continuous Spherical Crystallization to Prepare Fenofibrate Agglomerates with Impurity Complexation Using Mixed-Suspension, Mixed-Product Removal Crystallizer. <i>Crystal Growth and Design</i> , 2018, 18, 6448-6454.	1.4	18
20	Design of a new disintegration test system for the evaluation of orally disintegrating films. <i>International Journal of Pharmaceutics</i> , 2018, 553, 281-289.	2.6	12
21	Development of a simple and practical method for estimating the liquid absorption of pharmaceutical porous materials using a capillary rise technique. <i>Advanced Powder Technology</i> , 2018, 29, 3210-3219.	2.0	4
22	The active compounds derived from <i>Psoralea corylifolia</i> for photochemotherapy against psoriasis-like lesions: The relationship between structure and percutaneous absorption. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 124, 114-126.	1.9	30
23	Characterization of mannitol granules and powder: A comparative study using two flowability testers. <i>International Journal of Pharmaceutics</i> , 2018, 547, 106-113.	2.6	22
24	Feasibility of drug delivery to the eye's posterior segment by topical instillation of PLGA nanoparticles. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 394-399.	4.3	64
25	Characterization of orally disintegrating films: A feasibility study using an electronic taste sensor and a flow-through cell. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 39, 104-112.	1.4	11
26	An advanced technique using an electronic taste-sensing system to evaluate the bitterness of orally disintegrating films and the evaluation of model films. <i>International Journal of Pharmaceutics</i> , 2017, 531, 179-190.	2.6	17
27	Gelation Factors of Pectin for Development of a Powder Form of Gel, Dry Jelly, as a Novel Dosage Form. <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 1035-1044.	0.6	13
28	Comparison of the adverse event profiles of conventional and liposomal formulations of doxorubicin using the FDA adverse event reporting system. <i>PLoS ONE</i> , 2017, 12, e0185654.	1.1	39
29	Prediction of effects of punch shapes on tableting failure by using a multi-functional single-punch tablet press. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 412-417.	4.3	22
30	Topical Diclofenac-Loaded Liposomes Ameliorate Laser-Induced Choroidal Neovascularization in Mice and Non-Human Primates. <i>Current Neurovascular Research</i> , 2017, 14, 46-52.	0.4	9
31	In Vitro and In Vivo Characterization of Drug Nanoparticles Prepared Using PureNano [®] , [®] Continuous Crystallizer to Improve the Bioavailability of Poorly Water Soluble Drugs. <i>Pharmaceutical Research</i> , 2016, 33, 2259-2268.	1.7	12
32	Preparation of silymarin nanocrystals using a novel high pressure crystallization technique and evaluation of its dissolution and absorption properties. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 211-212.	4.3	3
33	Characterization of tableting properties measured with a multi-functional compaction instrument for several pharmaceutical excipients and actual tablet formulations. <i>International Journal of Pharmaceutics</i> , 2016, 510, 195-202.	2.6	39
34	Inhalation Properties and Stability of Nebulized Naked siRNA Solution for Pulmonary Therapy. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 63-67.	0.6	7
35	Control of Drug Diffusion Behavior of Xanthan and Locust Bean Gum Gel by Agar Gel. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 1450-1457.	0.6	5
36	Novel approaches for posterior segment ocular drug delivery with folate-modified liposomal formulation. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 201-202.	4.3	8

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37	Topical Use of Angiotensin-like Protein 2 RNAi-loaded Lipid Nanoparticles Suppresses Corneal Neovascularization. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e292.	2.3	21
38	Pulmonary liposomal formulations encapsulated procaterol hydrochloride by a remote loading method achieve sustained release and extended pharmacological effects. <i>International Journal of Pharmaceutics</i> , 2016, 505, 139-146.	2.6	19
39	Inhalation properties of water-soluble drug loaded liposomes atomized by nebulizer. <i>Asian Journal of Pharmaceutical Sciences</i> , 2016, 11, 205-206.	4.3	11
40	The Network Structure and the Drug Release Characteristics of Agar Gel and Xanthan Gum-Locust Bean Gum Complex Gel. <i>Kobunshi Ronbunshu</i> , 2015, 72, 57-63.	0.2	3
41	Analysis of the time-to-onset of osteonecrosis of jaw with bisphosphonate treatment using the data from a spontaneous reporting system of adverse drug events. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2015, 1, 34.	0.4	46
42	Advanced particle design of liposomes for drug delivery in oral, pulmonary and ocular administration. <i>Drug Delivery System</i> , 2015, 30, 121-128.	0.0	0
43	Characterization of insulin-loaded liposome using column-switching HPLC. <i>International Journal of Pharmaceutics</i> , 2015, 479, 302-305.	2.6	18
44	Spray-dried composite particles of erythritol and porous silica for orally disintegrating tablets prepared by direct tableting. <i>Powder Technology</i> , 2015, 286, 444-450.	2.1	27
45	Continuous Spherical Crystallization of Albuterol Sulfate with Solvent Recycle System. <i>Crystal Growth and Design</i> , 2015, 15, 5149-5156.	1.4	48
46	Chemical stability enhancement and cytotoxicity reduction of papain loaded in PLGA nanospheres. <i>Journal of Experimental Nanoscience</i> , 2014, 9, 138-151.	1.3	6
47	Real-time in vivo imaging of surface-modified liposomes to evaluate their behavior after pulmonary administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 86, 115-119.	2.0	41
48	Preparation of Co-ground Mixture of Erythritol and Micronized Crospovidone Using a Ball Mill for Orally Disintegrating Tablets. <i>Journal of the Society of Powder Technology, Japan</i> , 2014, 51, 16-24.	0.0	1
49	Characterization of a Doxorubicin Liposome Formulation by a Novel <i>in Vitro</i> Release Test Methodology Using Column-Switching High-Performance Liquid Chromatography. <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 538-544.	0.6	13
50	Rapid determination of the encapsulation efficiency of a liposome formulation using column-switching HPLC. <i>International Journal of Pharmaceutics</i> , 2013, 441, 67-74.	2.6	29
51	A novel approach to monitor coating amount by short-wavelength near-infrared spectroscopy using a tracer with a long-chain hydrocarbyl group. <i>International Journal of Pharmaceutics</i> , 2013, 458, 9-14.	2.6	8
52	Preparation of bromfenac-loaded liposomes modified with chitosan for ophthalmic drug delivery and evaluation of physicochemical properties and drug release profile. <i>Asian Journal of Pharmaceutical Sciences</i> , 2013, 8, 104-109.	4.3	27
53	Drug delivery to the ocular posterior segment using lipid emulsion via eye drop administration: Effect of emulsion formulations and surface modification. <i>International Journal of Pharmaceutics</i> , 2013, 453, 329-335.	2.6	54
54	Dry powder formulation with α -glycosyltransferase-treated stevia for the effective absorption of hydrophobic bioactive compounds in crude drugs. <i>Powder Technology</i> , 2013, 240, 2-6.	2.1	9

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55	Retinal drug delivery using eyedrop preparations of poly-l-lysine-modified liposomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 83, 364-369.	2.0	66
56	Orally disintegrating tablets prepared by a co-processed mixture of micronized crospovidone and mannitol using a ball mill to improve compactibility and tablet stability. <i>Powder Technology</i> , 2013, 241, 60-66.	2.1	20
57	Surface Modification of Liposomes Using Polymer-Wheat Germ Agglutinin Conjugates to Improve the Absorption of Peptide Drugs by Pulmonary Administration. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1281-1289.	1.6	35
58	Quantum Dot-Loaded Liposomes to Evaluate the Behavior of Drug Carriers after Oral Administration. <i>Journal of Pharmaceutics</i> , 2013, 2013, 1-6.	4.6	7
59	Preparation of Quantum dot-loaded Liposomes and its Application for DDS. <i>Hosokawa Powder Technology Foundation ANNUAL REPORT</i> , 2013, 21, 43-47.	0.0	0
60	Studies on the Control Mechanism and on Disintegrating Property of Lactose Tablet with Sucrose Fatty Acid Esters as a Lubricant. <i>Journal of the Society of Powder Technology, Japan</i> , 2012, 49, 750-757.	0.0	2
61	Nanomaterial system for nucleic acid drugs created with the biodegradable nanoparticle platform. <i>Journal of Microencapsulation</i> , 2012, 29, 54-62.	1.2	23
62	Liposomal diclofenac eye drop formulations targeting the retina: Formulation stability improvement using surface modification of liposomes. <i>International Journal of Pharmaceutics</i> , 2012, 436, 564-567.	2.6	66
63	Endocytosis-like Uptake of Surface-Modified Drug Nanocarriers into Giant Unilamellar Vesicles. <i>Langmuir</i> , 2012, 28, 7114-7118.	1.6	15
64	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. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2012, 80, 340-346.	2.0	72
65	The suppression of IgE-mediated histamine release from mast cells following exocytic exclusion of biodegradable polymeric nanoparticles. <i>Biomaterials</i> , 2012, 33, 343-351.	5.7	22
66	Interaction of Biodegradable Nanoparticles for Drug Delivery with Cells. <i>Journal of the Society of Powder Technology, Japan</i> , 2012, 49, 758-764.	0.0	0
67	Brain targeting with surface-modified poly(D,L-lactide-co-glycolic acid) nanoparticles delivered via carotid artery administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 77, 84-88.	2.0	60
68	Improvements in Transfection Efficiency with Chitosan Modified Poly(DL-lactide-co-glycolide) Nanospheres Prepared by the Emulsion Solvent Diffusion Method, for Gene Delivery. <i>Chemical and Pharmaceutical Bulletin</i> , 2011, 59, 298-301.	0.6	19
69	Interaction of Biodegradable Polymeric Nanospheres with Cells : the Effect of Surface Properties. <i>Journal of the Society of Powder Technology, Japan</i> , 2011, 48, 173-179.	0.0	4
70	Oral nuclear factor- κ B decoy oligonucleotides delivery system with chitosan modified poly(D,L-lactide-co-glycolide) nanospheres for inflammatory bowel disease. <i>Biomaterials</i> , 2011, 32, 870-878.	5.7	103
71	Intracellular drug delivery using polysorbate 80-modified poly(D,L-lactide-co-glycolide) nanospheres to glioblastoma cells. <i>Journal of Microencapsulation</i> , 2011, 28, 29-36.	1.2	24
72	Hybrid-modified poly(D,L-lactide-co-glycolide) nanospheres for a novel cellular drug delivery system. <i>International Journal of Pharmaceutics</i> , 2010, 392, 311-313.	2.6	28

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73	Chitosan-modified poly(d,l-lactide-co-glycolide) nanospheres for improving siRNA delivery and gene-silencing effects. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 74, 421-426.	2.0	67
74	Cellular uptake mechanisms and intracellular distributions of polysorbate 80-modified poly (d,l-lactide-co-glycolide) nanospheres for gene delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2010, 75, 218-224.	2.0	56
75	Improved cellular uptake of chitosan-modified PLGA nanospheres by A549 cells. <i>International Journal of Pharmaceutics</i> , 2009, 382, 198-204.	2.6	182
76	Development of nanocarrier for gene delivery to improve cellular uptake. <i>Hosokawa Powder Technology Foundation ANNUAL REPORT</i> , 2009, 17, 152-158.	0.0	0
77	Establishing chitosan coated PLGA nanosphere platform loaded with wide variety of nucleic acid by complexation with cationic compound for gene delivery. <i>International Journal of Pharmaceutics</i> , 2008, 354, 210-216.	2.6	136