Kohei Tahara

List of Publications by Year
in descending order

77	2,077	218677	254184
papers	citations	26 h-index	43 g-index

79	79	79	2953
all docs	docs citations	times ranked	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. Journal of Drug Delivery Science and Technology, 2022, 67, 102953.	3.0	17
2	Design and evaluation of folate-modified liposomes for pulmonary administration in lung cancer therapy. European Journal of Pharmaceutical Sciences, 2022, 168, 106081.	4.0	11
3	Hydroxypropyl-Î²-cyclodextrin Enhances Oral Absorption of Silymarin Nanoparticles Prepared Using PureNanoâ„¢ Continuous Crystallizer. Pharmaceutics, 2022, 14, 394.	4.5	4
4	Personalized Manufacturing of Pharmaceuticals Using One-Pot Powder Processing Equipment. Hosokawa Powder Technology Foundation ANNUAL REPORT, 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. International Journal of Pharmaceutics, 2021, 593, 120148.	5.2	30
6	Monovalent antibody-conjugated lipid-polymer nanohybrids for active targeting to desmoglein 3 of keratinocytes to attenuate psoriasiform inflammation. Theranostics, 2021, 11, 4567-4584.	10.0	7
7	Orally disintegrating films: The effects of water content on disintegration and mechanical properties. Journal of Drug Delivery Science and Technology, 2021, 66, 102893.	3.0	3
8	Pharmaceutical formulation and manufacturing using particle/powder technology for personalized medicines. Advanced Powder Technology, 2020, 31, 387-392.	4.1	17
9	Impact of surface roughness of pre-treated punches and powder properties on prevention of sticking during pharmaceutical tableting. Journal of Drug Delivery Science and Technology, 2020, 60, 101999.	3.0	1
10	Mechanical characteristics of orally disintegrating films: Comparison of folding endurance and tensile properties. International Journal of Pharmaceutics, 2020, 589, 119876.	5.2	35
11	Statistical analyses for the preparation of taste-masking granules using a pH-dependent polymer. Journal of Drug Delivery Science and Technology, 2019, 53, 101124.	3.0	3
12	Novel use of insoluble particles as disintegration enhancers for orally disintegrating films. Journal of Drug Delivery Science and Technology, 2019, 54, 101310.	3.0	11
13	Adverse event profiles of solvent-based and nanoparticle albumin-bound paclitaxel formulations using the Food and Drug Administration Adverse Event Reporting System. SAGE Open Medicine, 2019, 7, 205031211983601.	1.8	6
14	Effects of cationic liposomes with stearylamine against virus infection. International Journal of Pharmaceutics, 2018, 543, 311-317.	5.2	31
15	Advanced Continuous Flow Platform for Onâ€Demand Pharmaceutical Manufacturing. Chemistry - A European Journal, 2018, 24, 2776-2784.	3.3	81
16	Formulation design of hydroxypropyl cellulose films for use as orally disintegrating dosage forms. Journal of Drug Delivery Science and Technology, 2018, 46, 93-100.	3.0	35
17	Formulation design of granules prepared by wet granulation method using a multi-functional single-punch tablet press to avoid tableting failures. Asian Journal of Pharmaceutical Sciences, 2018, 13, 113-119.	9.1	20
18	Evaluation of liposomal behavior in the gastrointestinal tract after oral administration using real-time in vivo imaging. Drug Development and Industrial Pharmacy, 2018, 44, 608-614.	2.0	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. Crystal Growth and Design, 2018, 18, 6448-6454.	3.0	18
20	Design of a new disintegration test system for the evaluation of orally disintegrating films. International Journal of Pharmaceutics, 2018, 553, 281-289.	5.2	12
21	Development of a simple and practical method for estimating the liquid absorption of pharmaceutical porous materials using a capillary rise technique. Advanced Powder Technology, 2018, 29, 3210-3219.	4.1	4
22	The active compounds derived from Psoralea corylifolia for photochemotherapy against psoriasis-like lesions: The relationship between structure and percutaneous absorption. European Journal of Pharmaceutical Sciences, 2018, 124, 114-126.	4.0	30
23	Characterization of mannitol granules and powder: A comparative study using two flowability testers. International Journal of Pharmaceutics, 2018, 547, 106-113.	5.2	22
24	Feasibility of drug delivery to the eye's posterior segment by topical instillation of PLGA nanoparticles. Asian Journal of Pharmaceutical Sciences, 2017, 12, 394-399.	9.1	64
25	Characterization of orally disintegrating films: A feasibility study using an electronic taste sensor and a flow-through cell. Journal of Drug Delivery Science and Technology, 2017, 39, 104-112.	3.0	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. International Journal of Pharmaceutics, 2017, 531, 179-190.	5.2	17
27	Gelation Factors of Pectin for Development of a Powder Form of Gel, Dry Jelly, as a Novel Dosage Form. Chemical and Pharmaceutical Bulletin, 2017, 65, 1035-1044.	1.3	13
28	Comparison of the adverse event profiles of conventional and liposomal formulations of doxorubicin using the FDA adverse event reporting system. PLoS ONE, 2017, 12, e0185654.	2.5	39
29	Prediction of effects of punch shapes on tableting failure by using a multi-functional single-punch tablet press. Asian Journal of Pharmaceutical Sciences, 2017, 12, 412-417.	9.1	22
30	Topical Diclofenac-Loaded Liposomes Ameliorate Laser-Induced Choroidal Neovascularization in Mice and Non-Human Primates. Current Neurovascular Research, 2017, 14, 46-52.	1.1	9
31	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.	3.5	12
32	Preparation of silymarin nanocrystals using a novel high pressure crystallization technique and evaluation of its dissolution and absorption properties. Asian Journal of Pharmaceutical Sciences, 2016, 11, 211-212.	9.1	3
33	Characterization of tableting properties measured with a multi-functional compaction instrument for several pharmaceutical excipients and actual tablet formulations. International Journal of Pharmaceutics, 2016, 510, 195-202.	5.2	39
34	Inhalation Properties and Stability of Nebulized Naked siRNA Solution for Pulmonary Therapy. Chemical and Pharmaceutical Bulletin, 2016, 64, 63-67.	1.3	7
35	Control of Drug Diffusion Behavior of Xanthan and Locust Bean Gum Gel by Agar Gel. Chemical and Pharmaceutical Bulletin, 2016, 64, 1450-1457.	1.3	5
36	Novel approaches for posterior segment ocular drug delivery with folate-modified liposomal formulation. Asian Journal of Pharmaceutical Sciences, 2016, 11, 201-202.	9.1	8

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37	Topical Use of Angiopoietin-like Protein 2 RNAi-loaded Lipid Nanoparticles Suppresses Corneal Neovascularization. Molecular Therapy - Nucleic Acids, 2016, 5, e292.	5.1	21
38	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.	5.2	19
39	Inhalation properties of water-soluble drug loaded liposomes atomized by nebulizer. Asian Journal of Pharmaceutical Sciences, 2016, 11, 205-206.	9.1	11
40	The Network Structure and the Drug Release Characteristics of Agar Gel and Xanthan Gum-Locust Bean Gum Complex Gel. Kobunshi Ronbunshu, 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. Journal of Pharmaceutical Health Care and Sciences, 2015, 1, 34.	1.0	46
42	Advanced particle design of liposomes for drug delivery in oral, pulmonary and ocular administration. Drug Delivery System, 2015, 30, 121-128.	0.0	0
43	Characterization of insulin-loaded liposome using column-switching HPLC. International Journal of Pharmaceutics, 2015, 479, 302-305.	5.2	18
44	Spray-dried composite particles of erythritol and porous silica for orally disintegrating tablets prepared by direct tableting. Powder Technology, 2015, 286, 444-450.	4.2	27
45	Continuous Spherical Crystallization of Albuterol Sulfate with Solvent Recycle System. Crystal Growth and Design, 2015, 15, 5149-5156.	3.0	48
46	Chemical stability enhancement and cytotoxicity reduction of papain loaded in PLGA nanospheres. Journal of Experimental Nanoscience, 2014, 9, 138-151.	2.4	6
47	Real-time in vivo imaging of surface-modified liposomes to evaluate their behavior after pulmonary administration. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 86, 115-119.	4.3	41
48	Preparation of Co-ground Mixture of Erythritol and Micronized Crospovidone Using a Ball Mill for Orally Disintegrating Tablets. Journal of the Society of Powder Technology, Japan, 2014, 51, 16-24.	0.1	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. Chemical and Pharmaceutical Bulletin, 2014, 62, 538-544.	1.3	13
50	Rapid determination of the encapsulation efficiency of a liposome formulation using column-switching HPLC. International Journal of Pharmaceutics, 2013, 441, 67-74.	5.2	29
51	A novel approach to monitor coating amount by short-wavelength near-infrared spectroscopy using a tracer with a long-chain hydrocarbyl group. International Journal of Pharmaceutics, 2013, 458, 9-14.	5.2	8
52	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.	9.1	27
53	Drug delivery to the ocular posterior segment using lipid emulsion via eye drop administration: Effect of emulsion formulations and surface modification. International Journal of Pharmaceutics, 2013, 453, 329-335.	5.2	54
54	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.	4.2	9

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55	Retinal drug delivery using eyedrop preparations of poly-l-lysine-modified liposomes. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 83, 364-369.	4.3	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. Powder Technology, 2013, 241, 60-66.	4.2	20
57	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.	3.3	35
58	Quantum Dot-Loaded Liposomes to Evaluate the Behavior of Drug Carriers after Oral Administration. Journal of Pharmaceutics, 2013, 2013, 1-6.	4.7	7
59	Preparation of Quantum dot-loaded Liposomes and its Application for DDS. Hosokawa Powder Technology Foundation ANNUAL REPORT, 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. Journal of the Society of Powder Technology, Japan, 2012, 49, 750-757.	0.1	2
61	Nanomedical system for nucleic acid drugs created with the biodegradable nanoparticle platform. Journal of Microencapsulation, 2012, 29, 54-62.	2.8	23
62	Liposomal diclofenac eye drop formulations targeting the retina: Formulation stability improvement using surface modification of liposomes. International Journal of Pharmaceutics, 2012, 436, 564-567.	5.2	66
63	Endocytosis-like Uptake of Surface-Modified Drug Nanocarriers into Giant Unilamellar Vesicles. Langmuir, 2012, 28, 7114-7118.	3.5	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. European Journal of Pharmaceutics and Biopharmaceutics, 2012, 80, 340-346.	4.3	72
65	The suppression of IgE-mediated histamine release from mast cells following exocytic exclusion of biodegradable polymeric nanoparticles. Biomaterials, 2012, 33, 343-351.	11.4	22
66	Interaction of Biodegradable Nnanoparticles for Drug Delivery with Cells. Journal of the Society of Powder Technology, Japan, 2012, 49, 758-764.	0.1	0
67	Brain targeting with surface-modified poly(d,l-lactic-co-glycolic acid) nanoparticles delivered via carotid artery administration. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 77, 84-88.	4.3	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. Chemical and Pharmaceutical Bulletin, 2011, 59, 298-301.	1.3	19
69	Interaction of Biodegradable Polymeric Nanospheres with Cells : the Effect of Surface Properties. Journal of the Society of Powder Technology, Japan, 2011, 48, 173-179.	0.1	4
70	Oral nuclear factor-ÎºB decoy oligonucleotides delivery system with chitosan modified poly(d,l-lactide-co-glycolide) nanospheres for inflammatory bowel disease. Biomaterials, 2011, 32, 870-878.	11.4	103
71	Intracellular drug delivery using polysorbate 80-modified poly(<scp>D</scp>,<scp>L</scp>-lactide-co-glycolide) nanospheres to glioblastoma cells. Journal of Microencapsulation, 2011, 28, 29-36.	2.8	24
72	Hybrid-modified poly(d,l-lactide-co-glycolide) nanospheres for a novel cellular drug delivery system. International Journal of Pharmaceutics, 2010, 392, 311-313.	5.2	28

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73	Chitosan-modified poly(d,l-lactide-co-glycolide) nanospheres for improving siRNA delivery and gene-silencing effects. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 74, 421-426.	4.3	67
74	Cellular uptake mechanisms and intracellular distributions of polysorbate 80-modified poly (d,l-lactide-co-glycolide) nanospheres for gene delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 75, 218-224.	4.3	56
75	Improved cellular uptake of chitosan-modified PLGA nanospheres by A549 cells. International Journal of Pharmaceutics, 2009, 382, 198-204.	5.2	182
76	Development of nanocarrier for gene delivery to improve cellular uptake. Hosokawa Powder Technology Foundation ANNUAL REPORT, 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. International Journal of Pharmaceutics, 2008, 354, 210-216.	5.2	136