Tatsuya Fukuta

List of Publications by Year
in descending order

48	972	471509 17	454955 30
papers	citations	h-index	g-index

51	51	51	1151
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effective Anticancer Therapy by Combination of Nanoparticles Encapsulating Chemotherapeutic Agents and Weak Electric Current. Biological and Pharmaceutical Bulletin, 2022, 45, 194-199.	1.4	5
2	Application and Utility of Liposomal Neuroprotective Agents and Biomimetic Nanoparticles for the Treatment of Ischemic Stroke. Pharmaceutics, 2022, 14, 361.	4.5	17
3	Iontophoresis-mediated direct delivery of nucleic acid therapeutics, without use of carriers, to internal organs via non-blood circulatory pathways. Journal of Controlled Release, 2022, 343, 392-399.	9.9	9
4	Biomimetic Nanoparticle Drug Delivery Systems to Overcome Biological Barriers for Therapeutic Applications. Chemical and Pharmaceutical Bulletin, 2022, 70, 334-340.	1.3	7
5	Enhancement of cerebroprotective effects of lipid nanoparticles encapsulating FK506 on cerebral ischemia/reperfusion injury by particle size regulation. Biochemical and Biophysical Research Communications, 2022, 611, 53-59.	2.1	2
6	Suppression of Lipid Accumulation in 3T3-L1 Adipocytes by Î±-Tocopheryl Succinate. Biological and Pharmaceutical Bulletin, 2021, 44, 46-50.	1.4	3
7	Leukocyte-Mimetic Liposomes Penetrate Into Tumor Spheroids and Suppress Spheroid Growth by Encapsulated Doxorubicin. Journal of Pharmaceutical Sciences, 2021, 110, 1701-1709.	3.3	10
8	Overcoming thickened pathological skin in psoriasis via iontophoresis combined with tight junction-opening peptide AT1002 for intradermal delivery of NF-ÎºB decoy oligodeoxynucleotide. International Journal of Pharmaceutics, 2021, 602, 120601.	5.2	9
9	Development of a novel antioxidant based on a dimeric dihydroisocoumarin derivative. Tetrahedron Letters, 2021, 74, 153176.	1.4	0
10	A simple, fast, and orientation-controllable technology for preparing antibody-modified liposomes. International Journal of Pharmaceutics, 2021, 607, 120966.	5.2	5
11	Development of Biomembraneâ€“mimetic Nanoparticles to Overcome Endothelial Cell Layer for Treating Ischemic Stroke. Membrane, 2021, 46, 306-311.	0.0	0
12	Transdermal drug delivery by iontophoresis. Drug Delivery System, 2021, 36, 198-208.	0.0	1
13	Enhancement of antioxidative activity of astaxanthin by combination with an antioxidant capable of forming intermolecular interactions. Free Radical Research, 2020, 54, 818-828.	3.3	7
14	Characteristics of unique endocytosis induced by weak current for cytoplasmic drug delivery. International Journal of Pharmaceutics, 2020, 576, 119010.	5.2	11
15	Low level electricity increases the secretion of extracellular vesicles from cultured cells. Biochemistry and Biophysics Reports, 2020, 21, 100713.	1.3	34
16	Release rate is a key variable affecting the therapeutic effectiveness of liposomal fasudil for the treatment of cerebral ischemia/reperfusion injury. Biochemical and Biophysical Research Communications, 2020, 531, 622-627.	2.1	4
17	Protective effect of high-affinity liposomes encapsulating astaxanthin against corneal disorder in the <i>in vivo</i> rat dry eye disease model. Journal of Clinical Biochemistry and Nutrition, 2020, 66, 224-232.	1.4	14
18	Noninvasive transdermal delivery of liposomes by weak electric current. Advanced Drug Delivery Reviews, 2020, 154-155, 227-235.	13.7	31

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19	Non-invasive delivery of biological macromolecular drugs into the skin by iontophoresis and its application to psoriasis treatment. Journal of Controlled Release, 2020, 323, 323-332.	9.9	39
20	Protective Effect of Antioxidative Liposomes Co-encapsulating Astaxanthin and Capsaicin on CCl₄-Induced Liver Injury. Biological and Pharmaceutical Bulletin, 2020, 43, 1272-1274.	1.4	2
21	Weak Electric Current Treatment to Artificially Enhance Vascular Permeability in Embryonated Chicken Eggs. Biological and Pharmaceutical Bulletin, 2020, 43, 1729-1734.	1.4	1
22	Gut microbial metabolites of linoleic acid are metabolized by accelerated peroxisomal Î²-oxidation in mammalian cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1619-1628.	2.4	7
23	Glycosylinositol phosphoceramide-specific phospholipase D activity catalyzes transphosphatidylation. Journal of Biochemistry, 2019, 166, 441-448.	1.7	8
24	Biological Functions of Î±-Tocopheryl Succinate. Journal of Nutritional Science and Vitaminology, 2019, 65, S104-S108.	0.6	6
25	Engineering the Binding Kinetics of Synthetic Polymer Nanoparticles for siRNA Delivery. Biomacromolecules, 2019, 20, 3648-3657.	5.4	12
26	Suppression of Cerebral Ischemia/Reperfusion Injury by Efficient Release of Encapsulated Ifenprodil From Liposomes Under Weakly Acidic pH Conditions. Journal of Pharmaceutical Sciences, 2019, 108, 3823-3830.	3.3	5
27	Applications of Liposomal Drug Delivery Systems to Develop Neuroprotective Agents for the Treatment of Ischemic Stroke. Biological and Pharmaceutical Bulletin, 2019, 42, 319-326.	1.4	33
28	Leukocyte-mimetic liposomes possessing leukocyte membrane proteins pass through inflamed endothelial cell layer by regulating intercellular junctions. International Journal of Pharmaceutics, 2019, 563, 314-323.	5.2	14
29	Efficacy of high-affinity liposomal astaxanthin on up-regulation of age-related markers induced by oxidative stress in human corneal epithelial cells. Journal of Clinical Biochemistry and Nutrition, 2019, 64, 27-35.	1.4	21
30	Quantitative Analysis of Glycosylinositol Phosphoceramide and Phytoceramide 1-Phosphate in Vegetables. Journal of Nutritional Science and Vitaminology, 2019, 65, S175-S179.	0.6	4
31	Lysophosphatidic acid in medicinal herbs enhances prostaglandin E2 and protects against indomethacin-induced gastric cell damage in vivo and in vitro. Prostaglandins and Other Lipid Mediators, 2018, 135, 36-44.	1.9	16
32	Co-administration of liposomal fasudil and tissue plasminogen activator ameliorated ischemic brain damage in occlusion model rats prepared by photochemically induced thrombosis. Biochemical and Biophysical Research Communications, 2018, 495, 873-877.	2.1	20
33	Carotenoid Stereochemistry Affects Antioxidative Activity of Liposomes Co-encapsulating Astaxanthin and Tocotrienol. Chemical and Pharmaceutical Bulletin, 2018, 66, 714-720.	1.3	4
34	Combination therapy with liposomal neuroprotectants and tissue plasminogen activator for treatment of ischemic stroke. FASEB Journal, 2017, 31, 1879-1890.	0.5	88
35	Targeted delivery of anticancer drugs to tumor vessels by use of liposomes modified with a peptide identified by phage biopanning with human endothelial progenitor cells. International Journal of Pharmaceutics, 2017, 524, 364-372.	5.2	23
36	Usefulness of Liposomal Neuroprotectants for the Treatment of Ischemic Stroke. Oleoscience, 2017, 17, 359-366.	0.0	0

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37	Targeted Therapy for Acute Autoimmune Myocarditis with Nano-Sized Liposomal FK506 in Rats. PLoS ONE, 2016, 11, e0160944.	2.5	14
38	Neuroprotection against cerebral ischemia/reperfusion injury by intravenous administration of liposomal fasudil. International Journal of Pharmaceutics, 2016, 506, 129-137.	5.2	58
39	Non-invasive evaluation of neuroprotective drug candidates for cerebral infarction by PET imaging of mitochondrial complex-I activity. Scientific Reports, 2016, 6, 30127.	3.3	13
40	Development of a liposomal drug delivery system for the treatment of ischemic stroke. Drug Delivery System, 2015, 30, 309-316.	0.0	2
41	Treatment of stroke with liposomal neuroprotective agents under cerebral ischemia conditions. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 97, 1-7.	4.3	51
42	Neuroprotective effect of nobiletin on cerebral ischemiaâ€“reperfusion injury in transient middle cerebral artery-occluded rats. Brain Research, 2014, 1559, 46-54.	2.2	76
43	Real-Time Trafficking of PEGylated Liposomes in the Rodent Focal Brain Ischemia Analyzed by Positron Emission Tomography. Artificial Organs, 2014, 38, 662-666.	1.9	31
44	Suppression in mice of immunosurveillance against PEGylated liposomes by encapsulated doxorubicin. Journal of Controlled Release, 2014, 192, 167-173.	9.9	19
45	Treatment of cerebral ischemiaâ€reperfusion injury with PEGylated liposomes encapsulating FK506. FASEB Journal, 2013, 27, 1362-1370.	0.5	68
46	Nanoparticles accumulate in ischemic core and penumbra region even when cerebral perfusion is reduced. Biochemical and Biophysical Research Communications, 2013, 430, 1201-1205.	2.1	30
47	A single injection of liposomal asialo-erythropoietin improves motor function deficit caused by cerebral ischemia/reperfusion. International Journal of Pharmaceutics, 2012, 439, 269-274.	5.2	35
48	Amelioration of cerebral ischemiaâ€“reperfusion injury based on liposomal drug delivery system with asialo-erythropoietin. Journal of Controlled Release, 2012, 160, 81-87.	9.9	98