

Masaharu Somiya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5080449/publications.pdf>

Version: 2024-02-01

37
papers

764
citations

623188

14
h-index

525886

27
g-index

43
all docs

43
docs citations

43
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in animal cell technologies for industrial and medical applications. <i>Journal of Bioscience and Bioengineering</i> , 2022, 133, 509-514.	1.1	3
2	Comment on "Cutting Edge: Circulating Exosomes with COVID Spike Protein Are Induced by BNT162b2 (Pfizer-BioNTech) Vaccination prior to Development of Antibodies: A Novel Mechanism for Immune Activation by mRNA Vaccines". <i>Journal of Immunology</i> , 2022, 208, 1833.2-1833.	0.4	0
3	Engineering of Extracellular Vesicles for Small Molecule-Regulated Cargo Loading and Cytoplasmic Delivery of Bioactive Proteins. <i>Molecular Pharmaceutics</i> , 2022, 19, 2495-2505.	2.3	10
4	A regulatory role of scavenger receptor class B type 1 in endocytosis and lipid droplet formation induced by liposomes containing phosphatidylethanolamine in HEK293T cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 118859.	1.9	5
5	Enhancing antibody-dependent cellular phagocytosis by Re-education of tumor-associated macrophages with resiquimod-encapsulated liposomes. <i>Biomaterials</i> , 2021, 268, 120601.	5.7	67
6	Real-Time Luminescence Assay for Cytoplasmic Cargo Delivery of Extracellular Vesicles. <i>Analytical Chemistry</i> , 2021, 93, 5612-5620.	3.2	31
7	Polymerized Albumin Receptor of Hepatitis B Virus for Evading the Reticuloendothelial System. <i>Pharmaceutics</i> , 2021, 14, 408.	1.7	1
8	HBV Pre-S1-Derived Myristoylated Peptide (Myr47): Identification of the Inhibitory Activity on the Cellular Uptake of Lipid Nanoparticles. <i>Viruses</i> , 2021, 13, 929.	1.5	4
9	Sex differences in the incidence of anaphylaxis to LNP-mRNA COVID-19 vaccines. <i>Vaccine</i> , 2021, 39, 3313-3314.	1.7	23
10	Cytoplasmic delivery of small interfering RNA by photoresponsive non-cationic liposomes. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102488.	1.4	4
11	Reporter gene assay for membrane fusion of extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2021, 10, e12171.	5.5	21
12	Where does the cargo go?: Solutions to provide experimental support for the "extracellular vesicle cargo transfer hypothesis". <i>Journal of Cell Communication and Signaling</i> , 2020, 14, 135-146.	1.8	40
13	Virus-mimicking nanocarriers for the intracellular delivery of therapeutic biomolecules. <i>Nanomedicine</i> , 2020, 15, 1163-1165.	1.7	3
14	Construction of a Macrophage-Targeting Bio-nanocapsule-Based Nanocarrier. <i>Methods in Molecular Biology</i> , 2020, 2059, 299-313.	0.4	1
15	Carrier development for biopharmaceuticals: Bio-nanocapsules based on the early infection machinery of hepatitis B virus. <i>Drug Delivery System</i> , 2020, 35, 57-63.	0.0	0
16	In vivo uterine local gene delivery system using TAT displaying bionanocapsules. <i>Journal of Gene Medicine</i> , 2019, 21, e3140.	1.4	3
17	A hepatitis B virus-derived human hepatic cell-specific heparin-binding peptide: identification and application to a drug delivery system. <i>Biomaterials Science</i> , 2019, 7, 322-335.	2.6	13
18	Induction of lipid droplets in non-macrophage cells as well as macrophages by liposomes and exosomes. <i>Biochemical and Biophysical Research Communications</i> , 2019, 510, 184-190.	1.0	10

#	ARTICLE	IF	CITATIONS
19	Oriented immobilization to nanoparticles enhanced the therapeutic efficacy of antibody drugs. <i>Acta Biomaterialia</i> , 2019, 86, 373-380.	4.1	14
20	Biocompatibility of highly purified bovine milk-derived extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1440132.	5.5	168
21	Development of a macrophage-targeting and phagocytosis-inducing bio-nanocapsule-based nanocarrier for drug delivery. <i>Acta Biomaterialia</i> , 2018, 73, 412-423.	4.1	26
22	Low immunogenic bio-nanocapsule based on hepatitis B virus escape mutants. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 595-600.	1.7	7
23	CD11c-specific bio-nanocapsule enhances vaccine immunogenicity by targeting immune cells. <i>Journal of Nanobiotechnology</i> , 2018, 16, 59.	4.2	20
24	Biomimetic strategy for development of pleiotropic DDS carriers. <i>Drug Delivery System</i> , 2017, 32, 156-157.	0.0	0
25	Current Progress of Virus-mimicking Nanocarriers for Drug Delivery. <i>Nanotheranostics</i> , 2017, 1, 415-429.	2.7	47
26	Drug delivery application of extracellular vesicles; insight into production, drug loading, targeting, and pharmacokinetics. <i>AIMS Bioengineering</i> , 2017, 4, 73-92.	0.6	27
27	Release of siRNA from Liposomes Induced by Curcumin. <i>Journal of Nanotechnology</i> , 2016, 2016, 1-6.	1.5	5
28	Mutational analysis of hepatitis B virus pre-S1 (9-24) fusogenic peptide. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 406-412.	1.0	10
29	Cellular uptake of hepatitis B virus envelope L particles is independent of sodium taurocholate cotransporting polypeptide, but dependent on heparan sulfate proteoglycan. <i>Virology</i> , 2016, 497, 23-32.	1.1	32
30	Potential of a non-cationic liposomes-based delivery system for nucleic acid medicines. <i>Drug Delivery System</i> , 2016, 31, 35-43.	0.0	1
31	Elucidation of the early infection machinery of hepatitis B virus by using bio-nanocapsule. <i>World Journal of Gastroenterology</i> , 2016, 22, 8489.	1.4	8
32	Virosomes of hepatitis B virus envelope L proteins containing doxorubicin: synergistic enhancement of human liver-specific antitumor growth activity by radiotherapy. <i>International Journal of Nanomedicine</i> , 2015, 10, 4159.	3.3	13
33	One-step scalable preparation method for non-cationic liposomes with high siRNA content. <i>International Journal of Pharmaceutics</i> , 2015, 490, 316-323.	2.6	17
34	Intracellular trafficking of bio-nanocapsule-liposome complex: Identification of fusogenic activity in the pre-S1 region of hepatitis B virus surface antigen L protein. <i>Journal of Controlled Release</i> , 2015, 212, 10-18.	4.8	22
35	Development of a virus-mimicking nanocarrier for drug delivery systems: The bio-nanocapsule. <i>Advanced Drug Delivery Reviews</i> , 2015, 95, 77-89.	6.6	52
36	Targeting of polyplex to human hepatic cells by bio-nanocapsules, hepatitis B virus surface antigen L protein particles. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3873-3879.	1.4	9

#	ARTICLE	IF	CITATIONS
37	Nano-visualization of oriented-immobilized IgGs on immunosensors by high-speed atomic force microscopy. Scientific Reports, 2012, 2, 790.	1.6	39