

Michiko Shimizu

List of Publications by Year in descending order

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15
papers

830
citations

932766

10
h-index

1058022

14
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17
all docs

17
docs citations

17
times ranked

1214
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-resistant and high oxygen-barrier nanocellulose films with interfibrillar cross-linkages formed through multivalent metal ions. <i>Journal of Membrane Science</i> , 2016, 500, 1-7.	4.1	173
2	Transepithelial Transport of Oligopeptides in the Human Intestinal Cell, Caco-2. <i>Peptides</i> , 1997, 18, 681-687.	1.2	149
3	Hydrophobic, Ductile, and Transparent Nanocellulose Films with Quaternary Alkylammonium Carboxylates on Nanofibril Surfaces. <i>Biomacromolecules</i> , 2014, 15, 4320-4325.	2.6	114
4	Nematic structuring of transparent and multifunctional nanocellulose papers. <i>Nanoscale Horizons</i> , 2018, 3, 28-34.	4.1	89
5	Modulation of intestinal functions by food substances. <i>Molecular Nutrition and Food Research</i> , 1999, 43, 154-158.	0.0	61
6	Bulky Quaternary Alkylammonium Counterions Enhance the Nanodispersibility of 2,2,6,6-Tetramethylpiperidine-1-oxyl-Oxidized Cellulose in Diverse Solvents. <i>Biomacromolecules</i> , 2014, 15, 1904-1909.	2.6	61
7	Luminescent solar concentrators: boosted optical efficiency by polymer dielectric mirrors. <i>Materials Chemistry Frontiers</i> , 2019, 3, 429-436.	3.2	52
8	Preparation and characterization of TEMPO-oxidized cellulose nanofibrils with ammonium carboxylate groups. <i>International Journal of Biological Macromolecules</i> , 2013, 59, 99-104.	3.6	46
9	Long-term changes in the assemblage of demersal fishes and invertebrates in relation to environmental variations in Tokyo Bay, Japan. <i>Fisheries Management and Ecology</i> , 2002, 9, 303-313.	1.0	37
10	Physiological significance of taurine and the taurine transporter in intestinal epithelial cells. <i>Amino Acids</i> , 2000, 19, 605-614.	1.2	31
11	Thermal and electrical properties of nanocellulose films with different interfibrillar structures of alkyl ammonium carboxylates. <i>Cellulose</i> , 2019, 26, 1657-1665.	2.4	6
12	Preparation and characterization of cellulose acetate membranes with TEMPO-oxidized cellulose nanofibrils containing alkyl ammonium carboxylates. <i>Cellulose</i> , 2020, 27, 1357-1365.	2.4	6
13	Lipid-Protein Interaction at an Emulsified Oil Surface: Protein Structures and Their Roles in Lipid Binding. <i>ACS Symposium Series</i> , 1996, , 156-165.	0.5	4
14	Life history of <i>Juniperus sabina</i> L. adapted to the sand shifting environment in the Mu Us Sandy Land, China: A review. <i>Landscape and Ecological Engineering</i> , 2021, 17, 281.	0.7	1
15	Intestinal Absorption and Physiologically Functional Food Substances. <i>ACS Symposium Series</i> , 1998, , 265-278.	0.5	0