

Yasuhito Mukai

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

314
citations

1163117

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docs citations

23
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of electrospun chitosan/cellulose nanofibers having adsorption property with enhanced mechanical property. <i>Cellulose</i> , 2019, 26, 1781-1793.	4.9	83
2	Synthesis and attachment of silver and copper nanoparticles on cellulose nanofibers and comparative antibacterial study. <i>Cellulose</i> , 2019, 26, 6629-6640.	4.9	58
3	Upward Dead-End Ultrafiltration of Binary Protein Mixtures. <i>Separation Science and Technology</i> , 1995, 30, 369-382.	2.5	51
4	Blocking resistance of membrane during cake filtration of dilute suspensions. <i>AIChE Journal</i> , 2005, 51, 2609-2614.	3.6	26
5	Formation of Gel Emulsions by Filtration-Consolidation of O/W Emulsions.. <i>Journal of Chemical Engineering of Japan</i> , 2003, 36, 590-596.	0.6	17
6	Properties of a Filter Cake Formed in Dead-End Microfiltration of Binary Particulate Mixtures.. <i>Journal of Chemical Engineering of Japan</i> , 2002, 35, 226-233.	0.6	14
7	Properties of a Filter Cake Formed in Dead-End Microfiltration of Colloidal Particles Suspended in Aqueous Organic Solvents. <i>Journal of Chemical Engineering of Japan</i> , 2005, 38, 271-277.	0.6	10
8	Analysis of Gravity Filtration Behaviors of Waterworks Sludge Based upon Sedimentation Tests. <i>Drying Technology</i> , 2008, 26, 1035-1043.	3.1	9
9	Effect of Sedimentation of Properties of Upward and Downward Cake Filtration.. <i>Kagaku Kogaku Ronbunshu</i> , 1999, 25, 742-746.	0.3	7
10	Approach from physicochemical aspects in membrane filtration. <i>Korean Journal of Chemical Engineering</i> , 1997, 14, 347-353.	2.7	6
11	Selective Adsorption and Separation of Proteins by Ligand-Modified Nanofiber Fabric. <i>Polymers</i> , 2021, 13, 2313.	4.5	5
12	Properties of Hybrid Ultrafiltration of Humic Substances Combined with Both Flocculation and Adsorption Treatments. <i>Kagaku Kogaku Ronbunshu</i> , 2004, 30, 353-359.	0.3	4
13	Development of Cibacron Blue-Enhanced Affinity Nanofiber Fabric for Protein Adsorption. <i>Journal of Fiber Science and Technology</i> , 2020, 76, 327-334.	0.4	4
14	Improvement in the Filtration Performance of an Ultraporous Nanofiber Membrane by Atmospheric Pressure Plasma-Induced Surface Modification. <i>ACS Omega</i> , 2021, 6, 28038-28048.	3.5	4
15	Dynamic Adsorption Behaviors of Protein on Cibacron Blue-Modified PVA Nanofiber Fabrics. <i>Journal of Textile Engineering</i> , 2021, 67, 1-11.	0.2	3
16	Estimation of Pore Size of Microfiltration Membrane Based on Pure Water Permeation Test. <i>Kagaku Kogaku Ronbunshu</i> , 2004, 30, 611-614.	0.3	3
17	Preparation of Nanocarbon-Supported Nanofiber Fabric for Purification of Contaminated Water. <i>Journal of Textile Engineering</i> , 2020, 66, 7-15.	0.2	3
18	Development of Nanocarbon-Supported Nanofiber Fabric for Purification of Contaminated Water. <i>Journal of Textile Engineering</i> , 2020, 66, 87-91.		

#	ARTICLE	IF	CITATIONS
19	Dead-End Ultrafiltration Characteristics of Particulate Suspensions Containing Macromolecule. Kagaku Kogaku Ronbunshu, 2009, 35, 87-93.	0.3	2
20	Characteristics of Filter Cake Exfoliation in Upward Ultrafiltration of Nanoparticle Suspensions. Membranes, 2011, 1, 59-69.	3.0	1
21	Selective Adsorption Characteristics of Gold Ions by Nylon Nanofiber Nonwoven Fabric. Journal of Textile Engineering, 2017, 63, 191-195.	0.2	1
22	Filtration Properties of Particle Suspensions by Submerged Pleated Filter with Bubble Jet Function. Journal of the Society of Powder Technology, Japan, 2017, 54, 384-389.	0.1	0
23	Effect of Liquid Medium on Retention of Bacterial Particles by a Sintered Metal Filter. Kagaku Kogaku Ronbunshu, 2015, 41, 113-120.	0.3	0