

# 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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839539

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23  
docs citations

23  
times ranked

285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Adsorption Behaviors of Protein on Cibacron Blue-Modified PVA Nanofiber Fabrics. Journal of Textile Engineering, 2021, 67, 1-11.	0.2	3
2	Selective Adsorption and Separation of Proteins by Ligand-Modified Nanofiber Fabric. Polymers, 2021, 13, 2313.	4.5	5
3	Improvement in the Filtration Performance of an Ultraporous Nanofiber Membrane by Atmospheric Pressure Plasma-Induced Surface Modification. ACS Omega, 2021, 6, 28038-28048.	3.5	4
4	Development of Cibacron Blue-Enhanced Affinity Nanofiber Fabric for Protein Adsorption. Journal of Fiber Science and Technology, 2020, 76, 327-334.	0.4	4
5	Preparation of Nanocarbon-Supported Nanofiber Fabric for Purification of Contaminated Water. Journal of Textile Engineering, 2020, 66, 7-15.	0.2	3
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7	Synthesis and attachment of silver and copper nanoparticles on cellulose nanofibers and comparative antibacterial study. Cellulose, 2019, 26, 6629-6640.	4.9	58
8	Fabrication of electrospun chitosan/cellulose nanofibers having adsorption property with enhanced mechanical property. Cellulose, 2019, 26, 1781-1793.	4.9	83
9	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
10	Selective Adsorption Characteristics of Gold Ions by Nylon Nanofiber Nonwoven Fabric. Journal of Textile Engineering, 2017, 63, 191-195.	0.2	1
11	Effect of Liquid Medium on Retention of Bacterial Particles by a Sintered Metal Filter. Kagaku Kogaku Ronbunshu, 2015, 41, 113-120.	0.3	0
12	Characteristics of Filter Cake Exfoliation in Upward Ultrafiltration of Nanoparticle Suspensions. Membranes, 2011, 1, 59-69.	3.0	1
13	Dead-End Ultrafiltration Characteristics of Particulate Suspensions Containing Macromolecule. Kagaku Kogaku Ronbunshu, 2009, 35, 87-93.	0.3	2
14	Analysis of Gravity Filtration Behaviors of Waterworks Sludge Based upon Sedimentation Tests. Drying Technology, 2008, 26, 1035-1043.	3.1	9
15	Properties of a Filter Cake Formed in Dead-End Microfiltration of Colloidal Particles Suspended in Aqueous Organic Solvents. Journal of Chemical Engineering of Japan, 2005, 38, 271-277.	0.6	10
16	Blocking resistance of membrane during cake filtration of dilute suspensions. AIChE Journal, 2005, 51, 2609-2614.	3.6	26
17	Properties of Hybrid Ultrafiltration of Humic Substances Combined with Both Flocculation and Adsorption Treatments. Kagaku Kogaku Ronbunshu, 2004, 30, 353-359.	0.3	4
18	Estimation of Pore Size of Microfiltration Membrane Based on Pure Water Permeation Test. Kagaku Kogaku Ronbunshu, 2004, 30, 611-614.	0.3	3

#	ARTICLE	IF	CITATIONS
19	Formation of Gel Emulsions by Filtration-Consolidation of O/W Emulsions.. Journal of Chemical Engineering of Japan, 2003, 36, 590-596.	0.6	17
20	Properties of a Filter Cake Formed in Dead-End Microfiltration of Binary Particulate Mixtures.. Journal of Chemical Engineering of Japan, 2002, 35, 226-233.	0.6	14
21	Effect of Sedimentation of Properties of Upward and Downward Cake Filtration.. Kagaku Kogaku Ronbunshu, 1999, 25, 742-746.	0.3	7
22	Approach from physicochemical aspects in membrane filtration. Korean Journal of Chemical Engineering, 1997, 14, 347-353.	2.7	6
23	Upward Dead-End Ultrafiltration of Binary Protein Mixtures. Separation Science and Technology, 1995, 30, 369-382.	2.5	51