

# Hideaki Ichiura

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

496  
citations

933447

10  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ozone treatment for improving the solubility of cellulose extracted from palm fiber. Journal of Applied Polymer Science, 2021, 138, .	2.6	9
2	Reforming paper structure using an ionic liquid treatment to improve the specific surface area, moisture retention, and hydrophobicity. Cellulose, 2020, 27, 8317-8327.	4.9	1
3	Acetaldehyde gas removal by a nylon film/TiO <sub>2</sub> composite sheet prepared on a paper surface using interfacial polymerization and electrostatic interactions. Chemosphere, 2020, 256, 127143.	8.2	10
4	Improvement of wet paper strength using a phosphoric acid/urea solution. Cellulose, 2019, 26, 5105-5116.	4.9	4
5	Preparation of Functional Paper Using Interfacial Polymerization Reaction on Paper Surface and its Application. Journal of the Adhesion Society of Japan, 2019, 55, 26-34.	0.0	0
6	Ionic liquid treatment for increasing the wet strength of cellulose paper. Cellulose, 2017, 24, 3469-3477.	4.9	21
7	Preparation of a temperature-responsive smart paper using a molecularly imprinted polymer and lipid bimolecular membrane. Journal of Applied Polymer Science, 2017, 134, .	2.6	4
8	Ionic Liquid Treatment for Increasing The Wet Strength of Paper and Its Application for Aquatic Condition. Kami Pa Gikyoshi/Japan Tappi Journal, 2017, 71, 1263-1266.	0.1	0
9	Preparation of Release-Paper-Free, Pressure-Sensitive-Adhesive Paper Using an Interfacial Polymerization Reaction on the Paper Surface. Industrial & Engineering Chemistry Research, 2016, 55, 961-966.	3.7	6
10	Evaluation of metals in the residue of paper sludge after recovery of pulp components using an ionic liquid. Journal of Material Cycles and Waste Management, 2016, 18, 215-221.	3.0	3
11	Polyurea films prepared by interfacial polymerization on a paper surface: sustained release of N,N-diethyl-3-methylbenzamide. Polymer Bulletin, 2015, 72, 2621-2632.	3.3	8
12	Low temperature-dependence of N,N-dimethyl-3-methylbenzamide (DEET) release from a functional paper containing paraffin/DEET composites prepared using interfacial polymerization. Chemical Engineering Journal, 2014, 245, 17-23.	12.7	16
13	Low methoxylated pectin for preparation of an intelligent functional sheet with responsiveness to sodium ions. Journal of Applied Polymer Science, 2013, 127, 1725-1729.	2.6	4
14	Direct preparation of gelatin microcapsules on paper surface using simple coacervation technique. Journal of Applied Polymer Science, 2013, 129, 2139-2144.	2.6	9
15	Interfacial Polymerization of Functional Paper: Morphology of the Nylon Film Prepared on Paper Surfaces. Industrial & Engineering Chemistry Research, 2013, 52, 9137-9144.	3.7	8
16	Interfacial polymerization preparation of functional paper coated with polyamide film containing volatile essential oil. Journal of Applied Polymer Science, 2012, 124, 242-247.	2.6	23
17	Separation of pulp and inorganic materials from paper sludge using ionic liquid and centrifugation. Chemical Engineering Journal, 2011, 173, 129-134.	12.7	15
18	Functional geraniol-Ca(OH) <sub>2</sub> composite/sodium acetate alginate film on nonwoven polyethylene sheet: acetic acid gas production in response to acid. Journal of Materials Science, 2010, 45, 1343-1349.	3.7	6

#	ARTICLE	IF	CITATIONS
19	Alginate film prepared on polyethylene nonwoven sheet and its function for ellagic acid release in response to sodium ions. <i>Journal of Materials Science</i> , 2009, 44, 992-997.	3.7	16
20	Paper-paraffin composites prepared by interfacial polymerisation reaction on paper surface and its function of thermal energy storage. <i>Journal of Materials Science</i> , 2008, 43, 1486-1491.	3.7	17
21	Effect of void structure of photocatalyst paper on VOC decomposition. <i>Chemosphere</i> , 2007, 66, 2136-2141.	8.2	46
22	Preparation of porous sheet composite impregnated with TiO <sub>2</sub> photocatalyst by a papermaking technique. <i>Journal of Materials Science</i> , 2007, 42, 6087-6092.	3.7	12
23	Photocatalytic Decomposition of Bisphenol A in Water Using Composite TiO <sub>2</sub> -Zeolite Sheets Prepared by a Papermaking Technique. <i>Environmental Science &amp; Technology</i> , 2003, 37, 1048-1051.	10.0	175
24	Preparation and characteristics of high performance paper containing titanium dioxide photocatalyst supported on inorganic fiber matrix. <i>Chemosphere</i> , 2003, 53, 1193-1199.	8.2	83