

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	Photocatalytic Decomposition of Bisphenol A in Water Using Composite TiO ₂ -Zeolite Sheets Prepared by a Papermaking Technique. <i>Environmental Science & Technology</i> , 2003, 37, 1048-1051.	10.0	175
2	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
3	Effect of void structure of photocatalyst paper on VOC decomposition. <i>Chemosphere</i> , 2007, 66, 2136-2141.	8.2	46
4	Interfacial polymerization preparation of functional paper coated with polyamide film containing volatile essential oil. <i>Journal of Applied Polymer Science</i> , 2012, 124, 242-247.	2.6	23
5	Ionic liquid treatment for increasing the wet strength of cellulose paper. <i>Cellulose</i> , 2017, 24, 3469-3477.	4.9	21
6	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
7	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
8	Low temperature-dependence of N,N-dimethyl-3-methylbenzamide (DEET) release from a functional paper containing paraffin-DEET composites prepared using interfacial polymerization. <i>Chemical Engineering Journal</i> , 2014, 245, 17-23.	12.7	16
9	Separation of pulp and inorganic materials from paper sludge using ionic liquid and centrifugation. <i>Chemical Engineering Journal</i> , 2011, 173, 129-134.	12.7	15
10	Preparation of porous sheet composite impregnated with TiO ₂ photocatalyst by a papermaking technique. <i>Journal of Materials Science</i> , 2007, 42, 6087-6092.	3.7	12
11	Acetaldehyde gas removal by a nylon film-TiO ₂ composite sheet prepared on a paper surface using interfacial polymerization and electrostatic interactions. <i>Chemosphere</i> , 2020, 256, 127143.	8.2	10
12	Direct preparation of gelatin microcapsules on paper surface using simple coacervation technique. <i>Journal of Applied Polymer Science</i> , 2013, 129, 2139-2144.	2.6	9
13	Ozone treatment for improving the solubility of cellulose extracted from palm fiber. <i>Journal of Applied Polymer Science</i> , 2021, 138, .	2.6	9
14	Interfacial Polymerization of Functional Paper: Morphology of the Nylon Film Prepared on Paper Surfaces. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 9137-9144.	3.7	8
15	Polyurea films prepared by interfacial polymerization on a paper surface: sustained release of N,N-diethyl-3-methylbenzamide. <i>Polymer Bulletin</i> , 2015, 72, 2621-2632.	3.3	8
16	Functional geraniol-Ca(OH) ₂ composite/sodium acetate alginate film on nonwoven polyethylene sheet: acetic acid gas production in response to acid. <i>Journal of Materials Science</i> , 2010, 45, 1343-1349.	3.7	6
17	Preparation of Release-Paper-Free, Pressure-Sensitive-Adhesive Paper Using an Interfacial Polymerization Reaction on the Paper Surface. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 961-966.	3.7	6
18	Low methoxylated pectin for preparation of an intelligent functional sheet with responsiveness to sodium ions. <i>Journal of Applied Polymer Science</i> , 2013, 127, 1725-1729.	2.6	4

#	ARTICLE	IF	CITATIONS
19	Preparation of a temperature-responsive smart paper using a molecularly imprinted polymer and lipid bimolecular membrane. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	4
20	Improvement of wet paper strength using a phosphoric acid-urea solution. <i>Cellulose</i> , 2019, 26, 5105-5116.	4.9	4
21	Evaluation of metals in the residue of paper sludge after recovery of pulp components using an ionic liquid. <i>Journal of Material Cycles and Waste Management</i> , 2016, 18, 215-221.	3.0	3
22	Reforming paper structure using an ionic liquid treatment to improve the specific surface area, moisture retention, and hydrophobicity. <i>Cellulose</i> , 2020, 27, 8317-8327.	4.9	1
23	Ionic Liquid Treatment for Increasing The Wet Strength of Paper and Its Application for Aquatic Condition. <i>Kami Pa Gikyoshi/Japan Tappi Journal</i> , 2017, 71, 1263-1266.	0.1	0
24	Preparation of Functional Paper Using Interfacial Polymerization Reaction on Paper Surface and its Application. <i>Journal of the Adhesion Society of Japan</i> , 2019, 55, 26-34.	0.0	0