

Kim Han-Do

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

1,574

citations

25

h-index

37

g-index

63

ext. papers

1,714

ext. citations

2.6

avg, IF

4.65

L-index

#	Paper	IF	Citations
63	Preparation and characterization of thermoresponsive poly(N-isopropylacrylamide-co-N-isopropylmethacrylamide) hydrogel materials for smart windows. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49788	2.9	3
62	Preparation and properties of flame-retardant epoxy resins containing reactive phosphorus flame retardant. <i>Journal of Engineered Fibers and Fabrics</i> , 2020 , 15, 155892502090132	0.9	2
61	Preparation and Properties of UV-Curable Polyurethane-acrylate Coatings Based on Polyhedral Oligomeric Silsesquioxanes (POSS). <i>Molecular Crystals and Liquid Crystals</i> , 2019 , 688, 122-129	0.5	2
60	Preparation and Properties of Thermoresponsive P(N-Isopropylacrylamide-co-butylacrylate) Hydrogel Materials for Smart Windows. <i>International Journal of Polymer Science</i> , 2019 , 2019, 1-7	2.4	9
59	Colorimetric assay and deodorizing/antibacterial performance of natural fabrics dyed with immature pine cone extract. <i>Textile Research Journal</i> , 2018 , 88, 731-743	1.7	10
58	Preparation and Properties of DMF-Based Polyurethanes for Wet-Type Polyurethane Artificial Leather. <i>International Journal of Polymer Science</i> , 2018 , 2018, 1-9	2.4	6
57	Dyeing properties and deodorizing/antibacterial performance of cotton/silk/wool fabrics dyed with myrrh (<i>Commiphora myrrha</i>) extract. <i>Textile Research Journal</i> , 2017 , 87, 973-983	1.7	6
56	Polyimide-polyurethane/urea block copolymers for highly sensitive humidity sensor with low hysteresis. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	14
55	Preparation and properties of emulsifier-/solvent-free slightly crosslinked waterborne polyurethane-acrylic hybrid emulsions for footwear adhesives (III) Effect of trimethylol propane (TMP)/ethylene diamine (EDA) content. <i>Journal of Adhesion Science and Technology</i> , 2017 , 31, 1872-1887	2	11
54	Poly(urethane acrylate)-based gel polymer films for mechanically stable, transparent, and highly conductive polymer electrolyte applications. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	8
53	Preparation and properties of emulsifier-/solvent-free polyurethane-acrylic hybrid emulsions for binder materials: Effect of the glycidyl methacrylate/acrylonitrile content. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	6
52	Preparation and properties of emulsifier/N-methylpyrrolidone-free crosslinkable waterborne polyurethane-acrylate emulsions for footwear adhesives. I. Effect of the acrylic monomer content. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	6
51	Preparation and properties of emulsifier-/NMP-free crosslinkable waterborne polyurethane-acrylic hybrid emulsions for footwear adhesives (II) Effect of dimethylol propionic acid (DMPA)/pentaerythritol triacrylate (PETA) content. <i>E-Polymers</i> , 2016 , 16, 189-197	2.7	5
50	Deodorizing function and antibacterial activity of fabrics dyed with gallnut (<i>Galla Chinensis</i>) extract. <i>Textile Research Journal</i> , 2015 , 85, 1045-1054	1.7	29
49	Preparation and properties of high-performance recyclable ethylene propylene diene rubber. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	1
48	Preparation and properties of UV-curable fluorinated polyurethane acrylates containing crosslinkable vinyl methacrylate for antifouling coatings. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	10
47	Preparation and properties of UV-curable fluorinated polyurethane acrylates. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	25

46	Surface graft polymerization of conducting polyaniline on waterborne polyurethane-urea film and its phenol sensing. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 1643-1652	2.9	5
45	Synthesis and properties of highly hydrophilic waterborne polyurethane-ureas containing various hardener content for waterproof breathable fabrics. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 1745-1751	2.9	29
44	Deodorizing and antibacterial performance of cotton, silk and wool fabrics dyed with Punica granatum L. extracts. <i>Fibers and Polymers</i> , 2013 , 14, 1445-1453	2	20
43	Effect of blend ratio of PP/kapok blend nonwoven fabrics on oil sorption capacity. <i>Environmental Technology (United Kingdom)</i> , 2013 , 34, 3169-75	2.6	16
42	Preparation and properties of polydimethylsiloxane (PDMS)/polytetramethyleneadipate glycol (PTAd)-based waterborne polyurethane adhesives: Effect of PDMS molecular weight and content. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 88-96	2.9	36
41	Effect of acrylic monomer content on the properties of waterborne poly(urethane-urea)/acrylic hybrid materials. <i>Journal of Applied Polymer Science</i> , 2011 , 124, n/a-n/a	2.9	4
40	Synthesis and properties of waterborne poly(urethane urea)s containing polydimethylsiloxane. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 212-219	2.9	30
39	Synthesis and properties of polyurethane-urea-based liquid bandage materials. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 3516-3524	2.9	20
38	Dyeing and deodorizing properties of cotton, silk, wool fabrics dyed with Amur Corktree, Dryopteris crassirhizoma, Chrysanthemum boreale, Artemisia extracts. <i>Journal of Applied Polymer Science</i> , 2010 , 115, 2246-2253	2.9	36
37	Colorimetric Assay and Antibacterial Activity of Cotton, Silk, and Wool Fabrics Dyed with Peony, Pomegranate, Clove, Coptis chinensis and Gallnut Extracts. <i>Materials</i> , 2009 , 2, 10-21	3.5	52
36	Properties of crosslinked waterborne polyurethane adhesives with modified melamine: Effect of curing time, temperature, and HMMM content. <i>Fibers and Polymers</i> , 2009 , 10, 6-13	2	17
35	Effect of hot pressing/melt mixing on the properties of thermoplastic polyurethane. <i>Macromolecular Research</i> , 2009 , 17, 616-622	1.9	22
34	Properties of Waterborne Polyurethane Adhesives: Effect of Chain Extender and Polyol Content. <i>Journal of Adhesion Science and Technology</i> , 2009 , 23, 177-193	2	56
33	Properties of Waterborne Polyurethane/Clay Nanocomposite Adhesives. <i>Journal of Adhesion Science and Technology</i> , 2009 , 23, 739-751	2	8
32	Properties of Blood Compatible Crosslinked Blends of Pellethene /Multiblock polyurethanes containing phospholipid moiety/C-18 alkyl chain. <i>Macromolecular Research</i> , 2008 , 16, 596-603	1.9	4
31	Dyeing, fastness, and deodorizing properties of cotton, silk, and wool fabrics dyed with gardenia, coffee sludge, Cassia tora. L., and pomegranate extracts. <i>Fibers and Polymers</i> , 2008 , 9, 334-340	2	50
30	Synthesis and properties of waterborne polyurethane hydrogels for wound healing dressings. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008 , 85, 326-33	3.5	73
29	Characteristics of waterborne polyurethane/poly(N-vinylpyrrolidone) composite films for wound-healing dressings. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 331-338	2.9	46

28	Preparation and characterization of waterborne polyurethane/clay nanocomposite: Effect on water vapor permeability. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 3697-3705	2.9	28
27	Preparation and properties of waterborne polyurethane-urea/sodium alginate blends for high water vapor permeable coating materials. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 1168-1176	2.9	33
26	Effect of polyisocyanate hardener on adhesive force of waterborne polyurethane adhesives. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 3663-3669	2.9	20
25	Preparation and properties of waterborne polyurethane-urea/poly(vinyl alcohol) blends for high water vapor permeable coating materials. <i>Macromolecular Research</i> , 2007 , 15, 22-30	1.9	26
24	Characterization of waterborne polyurethane/clay nanocomposite adhesives containing different amounts of ionic groups. <i>Journal of Adhesion Science and Technology</i> , 2007 , 21, 1575-1588	2	19
23	Synthesis and Characterization of Waterborne Polyurethane/Clay Nanocomposite [Effect on Adhesive Strength. <i>Macromolecular Symposia</i> , 2007 , 249-250, 251-258	0.8	18
22	Characterization of waterborne polyurethane adhesives containing different soft segments. <i>Journal of Adhesion Science and Technology</i> , 2007 , 21, 81-96	2	55
21	Effect of polyisocyanate hardener on waterborne polyurethane adhesive containing different amounts of ionic groups. <i>Macromolecular Research</i> , 2006 , 14, 634-639	1.9	20
20	Synthesis and characterization of waterborne polyurethane adhesives containing different amount of ionic groups (I). <i>Journal of Applied Polymer Science</i> , 2006 , 102, 5684-5691	2.9	98
19	Preparation and application of polyurethane-urea microcapsules containing phase change materials. <i>Fibers and Polymers</i> , 2006 , 7, 12-19	2	28
18	Preparation and properties of acid-treated multiwalled carbon nanotube/waterborne polyurethane nanocomposites. <i>Journal of Applied Polymer Science</i> , 2005 , 96, 595-604	2.9	118
17	Characteristics of crosslinked blends of Pellethene and multiblock polyurethanes containing phospholipid. <i>Biomaterials</i> , 2005 , 26, 2877-86	15.6	12
16	Dyeing properties and colour fastness of cotton and silk fabrics dyed with Cassia tora L. extract. <i>Fibers and Polymers</i> , 2004 , 5, 303-308	2	41
15	Preparation and properties of waterborne-polyurethane coating materials containing conductive polyaniline. <i>Macromolecular Research</i> , 2004 , 12, 303-310	1.9	39
14	Properties of crosslinked blends of pellethene and multiblock polyurethane containing poly(ethylene oxide) for biomaterials. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 2348-2357	2.9	9
13	Preparation and properties of waterborne polyurethane/polyaniline codoped with dodecyl benzene sulfonic acid and hydrochloric acid blends. <i>Journal of Applied Polymer Science</i> , 2004 , 93, 700-710	2.9	15
12	Preparation and properties of waterborne polyurethane-urea anionomers [influences of the type of neutralizing agent and chain extender. <i>Colloid and Polymer Science</i> , 2003 , 281, 957-963	2.4	33
11	Preparation and properties of waterborne polyurethanes for water-vapor-permeable coating materials. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 123-129	2.9	32

10	Preparation and properties of chemical cellulose from ascidian tunic and their regenerated cellulose fibers. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 1634-1643	2.9	11
9	Preparation and properties of waterborne polyurethane-urea anionomers. I. The influence of the degree of neutralization and counterion. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 2375-2383	2.9	49
8	Preparation and properties of waterborne poly(urethane-urea) ionomers effect of the type of neutralizing agent. <i>Fibers and Polymers</i> , 2002 , 3, 97-102	2	17
7	Comparision of the properties of UV-cured polyurethane acrylates containing different diisocyanates and low molecular weight diols. <i>Fibers and Polymers</i> , 2001 , 2, 122-128	2	15
6	Effect of chemical structure on the properties of UV-cured polyurethane acrylates films. <i>Fibers and Polymers</i> , 2001 , 2, 141-147	2	12
5	Surface modification of low-density polyethylene (LDPE) film and improvement of adhesion between evaporated copper metal film and LDPE. <i>Journal of Applied Polymer Science</i> , 2001 , 82, 1677-1690	2.9	32
4	Synthesis and properties of liquid crystalline polyurethane elastomers. <i>Journal of Applied Polymer Science</i> , 2000 , 77, 577-585	2.9	21
3	Synthesis of thermotropic polyurethanes containing imide units and their mesophase behavior. <i>Fibers and Polymers</i> , 2000 , 1, 12-17	2	10
2	Preparation and properties of segmented thermoplastic polyurethane elastomers with two different soft segments. <i>Journal of Applied Polymer Science</i> , 1999 , 73, 345-352	2.9	61
1	Graft copolymerization of ϵ -Caprolactam onto Kevlar-49 fiber surface and properties of grafted Kevlar fiber reinforced composite. <i>Journal of Applied Polymer Science</i> , 1997 , 65, 99-107	2.9	25