

Kuo-Huang Hsieh

List of Publications by Year in descending order

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41
papers

800
citations

516710

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501196

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41
all docs

41
docs citations

41
times ranked

1223
citing authors

#	ARTICLE	IF	CITATIONS
1	γ-Polyglutamic Acid Produced by <i>Bacillus Subtilis</i> (Natto): Structural Characteristics, Chemical Properties and Biological Functionalities. <i>Journal of the Chinese Chemical Society</i> , 2006, 53, 1363-1384.	1.4	123
2	Cesium carbonate as a functional interlayer for polymer photovoltaic devices. <i>Journal of Applied Physics</i> , 2008, 103, .	2.5	104
3	Chitosan as Scaffold Materials: Effects of Molecular Weight and Degree of Deacetylation. <i>Journal of Polymer Research</i> , 2004, 11, 141-147.	2.4	102
4	Superhydrophobic films of UV-curable fluorinated epoxy acrylate resins. <i>Polymer International</i> , 2010, 59, 1205-1211.	3.1	42
5	High-efficiency poly(phenylenevinylene)-co-fluorene copolymers incorporating a triphenylamine as the end group for white-emitting diode applications. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4504-4513.	2.3	30
6	Effect of soft segment length on properties of hydrophilic/hydrophobic polyurethanes. <i>Polymer International</i> , 2007, 56, 1415-1422.	3.1	28
7	Immobilization of silver nanoparticles on silica microspheres. <i>Journal of Nanoparticle Research</i> , 2010, 12, 199-207.	1.9	25
8	Mechanical and thermal properties of thermoplastic polyurethane-toughened polylactide-based nanocomposites. <i>Polymer Composites</i> , 2014, 35, 1744-1757.	4.6	25
9	PLED devices containing triphenylamine-derived polyurethanes as hole-transporting layers exhibit high current efficiencies. <i>Journal of Materials Chemistry</i> , 2008, 18, 1296.	6.7	24
10	Synthesis of poly(lactic acid)-based polyurethanes. <i>Polymer International</i> , 2013, 62, 1159-1168.	3.1	21
11	Polyaniline nano-composites with large negative dielectric permittivity. <i>AIP Advances</i> , 2012, 2, 012127.	1.3	20
12	Preparation and characterization of novel ultra-high molecular weight polyethylene composite fibers filled with nanosilica particles. <i>Polymer International</i> , 2013, 62, 591-600.	3.1	18
13	The thermal aging of filled polyurethane. <i>Journal of Applied Polymer Science</i> , 1991, 43, 2193-2199.	2.6	17
14	Effect of crosslinking density on the physical properties of interpenetrating polymer networks of polyurethane and 2-hydroxyethyl methacrylate-terminated polyurethane. <i>Journal of Polymer Research</i> , 1998, 5, 153-162.	2.4	17
15	A Novel Polyurethane-based Root Canal-obturation Material and Urethane Acrylate-based Root Canal Sealer—Part I: Synthesis and Evaluation of Mechanical and Thermal Properties. <i>Journal of Endodontics</i> , 2008, 34, 303-305.	3.1	17
16	Synthesis, Electrochemical Behavior, and Electronic Properties of Hyperbranched Poly(p-methylenetriphenylamine): An Unexpected Condensation Polymerization from N-[4-(Tosyloxybutyloxymethyl)phenyl]-N,N-diphenylamine. <i>Macromolecules</i> , 2008, 41, 4158-4164.	4.8	17
17	Synthesis of polyurethane elastomers hypercross-linked by partially hydrated polyhydroxylated C60. <i>Journal of Polymer Research</i> , 1996, 3, 1-10.	2.4	15
18	Removal of Hg ²⁺ from aqueous solution using a novel composite carbon adsorbent. <i>Journal of Applied Polymer Science</i> , 2009, 112, 2445-2454.	2.6	15

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19	Synthesis and properties of thio-containing poly(ether ether ketone)s. <i>Polymer International</i> , 2004, 53, 320-325.	3.1	14
20	Synthesis and characterization of nano silver-modified graphene/PEDOT:PSS for highly conductive and transparent nanocomposite films. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	14
21	Fabrication and characterization of waterborne polyurethane (WPU) with aluminum trihydroxide (ATH) and mica as flame retardants. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	13
22	Morphology and characterization of conductive films based on polyaniline-coated polystyrene latexes. <i>Journal of Applied Polymer Science</i> , 2006, 102, 5406-5413.	2.6	11
23	Preparation and characterization of aromatic polyimides derived from 4,4'-oxydiphthalic anhydride and 4,4'-diaminodiphenylmethane with different alkyl substituents. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	10
24	PEI/EVAL blend membranes for granule neuronal cell culture. <i>Journal of Polymer Research</i> , 2007, 14, 229-243.	2.4	9
25	High-molecular-weight polyurethanes prepared by one-step miniemulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2008, 107, 840-845.	2.6	9
26	A Novel Gel Electrolyte Based on Polyurethane for Highly Efficient in Dye-sensitized Solar Cells. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	9
27	Properties of sugarcane fiber/polyurethane-crosslinked epoxy composites under different interfacial treatments. <i>Polymer Composites</i> , 2020, 41, 4277-4287.	4.6	8
28	Fine dispersion of phosphazene-amines and silicate platelets in epoxy nanocomposites and the synergistic fire-retarding effect. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	7
29	Nanometer-thick patterned conductive films prepared through the self-synthesis of polythiophene derivatives. <i>Polymer International</i> , 2010, 59, 517-522.	3.1	6
30	Preparation and characterization of methoxy-poly(ethylene glycol) side chain grafted onto chitosan as a wound dressing film. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	6
31	Patterned conductive polyaniline films fabricated using lithography and <i>in situ</i> polymerization. <i>Journal of Applied Polymer Science</i> , 2010, 115, 2271-2276.	2.6	5
32	Unusual exfoliation of layered silicate clays by non-aqueous amine diffusion mechanism. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	4
33	Development of a Totally Implantable Pulsatile Centrifugal Pump as a Ventricular Assist Device. <i>Artificial Organs</i> , 2001, 25, 603-606.	1.9	3
34	Polyhydroxylated C60 as an Hypercross-Linking Agent. <i>Materials Research Society Symposia Proceedings</i> , 1994, 359, 331.	0.1	2
35	Arm Length Effect on Synthetic Chemistry of Fullerene- Connected Urethane-Ether Star-Polymers. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 1997, 5, 1313-1324.	0.6	2
36	Blends of poly(p-oxybenzoate-co-p-phenylene isophthalate) and polycarbonate: Miscibility and free volume behaviors. <i>Journal of Polymer Research</i> , 1999, 6, 211-218.	2.4	2

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37	Preparation and characterization of nano-hybrids combining poly(urea-imide) with a porous silica-pillared layered phase. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	2
38	Synthesis and application of polyurethane based organic-inorganic hybrid materials as highly hydrophobic coatings. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	2
39	Studies on the Diisocyanate-Modified Polyvinyl Alcohol Reverse Osmosis Membranes. <i>Journal of the Chinese Chemical Society</i> , 1988, 35, 219-225.	1.4	1
40	Arm Length Effect on Synthetic Chemistry of Fullerene-Connected Urethane-Ether Star-Polymers. Fullerenes, Nanotubes, and Carbon Nanostructures, 1997, 5, 1021-1032.	0.6	1
41	Influence of Bioadditives Made from Sugarcane Bagasse on Interpenetrating Polymer Networks. <i>International Journal of Polymer Science</i> , 2020, 2020, 1-15.	2.7	0