

Mei-Rong Huang

List of Publications by Year in descending order

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60
papers

2,278
citations

201385

27
h-index

214527

47
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60
all docs

60
docs citations

60
times ranked

2135
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid and Effective Adsorption of Lead Ions on Fine Poly(phenylenediamine) Microparticles. <i>Chemistry - A European Journal</i> , 2006, 12, 4341-4350.	1.7	193
2	Thermal degradation of cellulose and cellulose esters. <i>Journal of Applied Polymer Science</i> , 1998, 68, 293-304.	1.3	129
3	Synthesis and strong heavy-metal ion sorption of copolymer microparticles from phenylenediamine and its sulfonate. <i>Journal of Materials Chemistry</i> , 2012, 22, 17685.	6.7	115
4	Synthesis, Film-Forming, and Electronic Properties of Phenylenediamine Copolymers Displaying An Uncommon Tricolor. <i>Macromolecules</i> , 2007, 40, 1489-1496.	2.2	104
5	Ultra-sensitive chemosensors for Fe(III) and explosives based on highly fluorescent oligofluoranthene. <i>Chemical Science</i> , 2013, 4, 1970.	3.7	94
6	Lead ion-selective electrodes based on polyphenylenediamine as unique solid ionophores. <i>Talanta</i> , 2011, 85, 1575-1584.	2.9	91
7	Lead-ion potentiometric sensor based on electrically conducting microparticles of sulfonic phenylenediamine copolymer. <i>Analyst</i> , 2013, 138, 3820.	1.7	90
8	Facile Synthesis of Polysulfoaminoanthraquinone Nanosorbents for Rapid Removal and Ultrasensitive Fluorescent Detection of Heavy Metal Ions. <i>Journal of Physical Chemistry C</i> , 2011, 115, 5301-5315.	1.5	74
9	Kinetics of thermal degradation of thermotropic poly(p-oxybenzoate-co-ethylene terephthalate) by single heating rate methods. <i>Polymer International</i> , 1998, 46, 289-297.	1.6	72
10	Preparation and characterization of poly(p-phenylenediamine-co-xylylidine). <i>Journal of Applied Polymer Science</i> , 2001, 81, 3107-3116.	1.3	67
11	Thermal decomposition of cellulose ethers. <i>Journal of Applied Polymer Science</i> , 1999, 73, 2927-2936.	1.3	66
12	Thermal degradation of Kevlar fiber by high-resolution thermogravimetry. <i>Journal of Applied Polymer Science</i> , 1999, 71, 565-571.	1.3	65
13	Oxidative copolymers of aniline witho-toluidine: Their structure and thermal properties. <i>Journal of Applied Polymer Science</i> , 2001, 81, 1838-1847.	1.3	62
14	Efficient multicyclic sorption and desorption of lead ions on facilely prepared poly(m-phenylenediamine) particles with extremely strong chemoresistance. <i>Journal of Colloid and Interface Science</i> , 2007, 313, 72-79.	5.0	62
15	Preparation and characterization of soluble terpolymers from m-phenylenediamine, o-anisidine, and 2,3-xylylidine. <i>Journal of Polymer Science Part A</i> , 2001, 39, 3989-4000.	2.5	61
16	Longan Shell as Novel Biomacromolecular Sorbent for Highly Selective Removal of Lead and Mercury Ions. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3534-3542.	1.2	58
17	Combinatorial Screening of Potentiometric Pb(II) Sensors from Polysulfoaminoanthraquinone Solid Ionophore. <i>ACS Combinatorial Science</i> , 2014, 16, 128-138.	3.8	50
18	Thermal degradation of bisphenol A polycarbonate by high-resolution thermogravimetry. <i>Polymer International</i> , 1999, 48, 387-391.	1.6	47

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19	Synthesis and characterization of liquid crystalline polymers from p-hydroxybenzoic acid, poly(ethylene terephthalate), and third monomers. <i>Journal of Applied Polymer Science</i> , 1997, 66, 2129-2138.	1.3	42
20	Effect of polymerization conditions on phenylenediamine and phenetidine oxidative copolymers. <i>Polymer International</i> , 2005, 54, 70-82.	1.6	41
21	Multilayer ultrathin-film composite membranes for oxygen enrichment. <i>Journal of Applied Polymer Science</i> , 1997, 66, 2139-2147.	1.3	38
22	Synthesis and Characterization of Poly(aniline-co-xylylene)s. <i>Polymer Journal</i> , 2000, 32, 348-353.	1.3	35
23	Synthesis and properties of processible copolymer microparticles from chloroanilines and aniline. <i>Journal of Materials Chemistry</i> , 2005, 15, 1343.	6.7	35
24	High-resolution thermogravimetry of polyphenylene sulfide film under four atmospheres. <i>Journal of Applied Polymer Science</i> , 2002, 83, 2053-2059.	1.3	34
25	Oxidative copolymerization of 2-pyridylamine and aniline. <i>Journal of Polymer Science Part A</i> , 2000, 38, 4407-4418.	2.5	30
26	Effective role of eco-friendly acetyl tributyl citrate in large-scale catalyst-free synthesis of waterborne polyurethanes without volatile organic compounds. <i>Journal of Cleaner Production</i> , 2019, 237, 117543.	4.6	30
27	Kinetics of thermal degradation of liquid-crystalline aromatic polymers. <i>Angewandte Makromolekulare Chemie</i> , 1998, 256, 9-19.	0.3	27
28	UV ϵ -activated hydrosilylation: a facile approach for synthesis of hyperbranched polycarbosilanes. <i>Applied Organometallic Chemistry</i> , 2009, 23, 277-282.	1.7	26
29	Thermogravimetry of Thermoplastic Polyimide Powders under Four Different Atmospheres. <i>Macromolecular Materials and Engineering</i> , 2001, 286, 421-428.	1.7	24
30	High-resolution thermogravimetry of polyethersulfone chips in four atmospheres. <i>Journal of Applied Polymer Science</i> , 2003, 90, 3631-3637.	1.3	24
31	Cost-Effective Sustainable Synthesis of High-Performance High-Molecular-Weight Poly(trimethylene) Tj ETQq1 1 0.784314 rgBT / Over <i>Engineering</i> , 2017, 5, 2181-2195.	3.2	24
32	Synthesis and properties of processible conducting copolymers from N-ethylaniline with aniline. <i>Journal of Polymer Science Part A</i> , 2004, 42, 6109-6124.	2.5	23
33	Dynamic Reversible Adsorption and Desorption of Lead Ions Through a Packed Column of Poly(m-phenylenediamine) Spheroids. <i>Soft Materials</i> , 2010, 8, 149-163.	0.8	22
34	Actual air separation through poly(aniline-co-toluidine)/ethylcellulose blend thin-film composite membranes. <i>Journal of Applied Polymer Science</i> , 2000, 75, 458-463.	1.3	21
35	Title is missing!. <i>Angewandte Makromolekulare Chemie</i> , 1997, 249, 93-114.	0.3	19
36	Chemical Response of Nanocomposite Membranes of Electroactive Polydiaminonaphthalene Nanoparticles to Heavy Metal Ions. <i>Journal of Physical Chemistry C</i> , 2014, 118, 11990-11999.	1.5	19

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37	Scalable Synthesis of Poly(ester-co-ether) Elastomers via Direct Catalytic Esterification of Terephthalic Acid with Highly Active Zr-Mg Catalyst. ACS Sustainable Chemistry and Engineering, 2018, 6, 9074-9085.	3.2	19
38	Facile synthesis and characterization of the copolymers and their pure nanoparticles from aniline with 4-sulfonic diphenylamine. Journal of Polymer Science Part A, 2004, 42, 3380-3394.	2.5	18
39	Cleaner synthesis and systematical characterization of sustainable poly(isosorbide-co-ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 Td (ter	4.6	18
40	Development of clean performance-tunable waterborne polyurethane using acetyl tributyl citrate for transferable holographic films. Journal of Cleaner Production, 2021, 279, 123496.	4.6	18
41	THERMAL DEGRADATION KINETICS OF THERMOTROPIC COPOLY (P-OXYBENZOATE-ETHYLENE) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 Td (ter	1.2	16
42	Synthesis of a soluble pyrrole copolymer with phenetidine. Journal of Polymer Science Part A, 2004, 42, 2073-2092.	2.5	16
43	Synthesis and air separation of soluble terpolymers from Aniline, Toluidine, and Xylidine. Journal of Applied Polymer Science, 2001, 82, 790-798.	1.3	15
44	Oxygen enrichment across blend membranes of bipyridine and ethyl cellulose. Journal of Applied Polymer Science, 2003, 87, 1371-1381.	1.3	14
45	An electrochromic film device to teach polymer electrochemical physics. American Journal of Physics, 2007, 75, 839-843.	0.3	14
46	High-resolution thermogravimetry of liquid crystalline copoly(p-oxybenzoate-ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (ter	1.3	13
47	MOLECULAR CHAIN STRUCTURE OF THERMOTROPICp-OXYBENZOATE/ETHYLENE TEREPHTHALATE/VANILLATE OR PHENYLENE TEREPHTHALATE TERPOLYMERS. Polymer-Plastics Technology and Engineering, 2000, 39, 317-331.	1.9	13
48	Oxygen enrichment from air through multilayer thin low-density polyethylene films. Journal of Applied Polymer Science, 2002, 83, 3013-3021.	1.3	13
49	Title is missing!. Angewandte Makromolekulare Chemie, 1997, 249, 183-198.	0.3	12
50	Title is missing!. Angewandte Makromolekulare Chemie, 1997, 249, 163-181.	0.3	11
51	Structure and high-resolution thermogravimetry of liquid-crystalline copoly(p-oxybenzoate-ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 382 Td (ter	1.6	11
52	Thermal degradation kinetics of thermotropic poly(p-oxybenzoate-co-p,p'-biphenylene terephthalate) fiber. Journal of Applied Polymer Science, 1999, 71, 1923-1931.	1.3	10
53	Titrimetric analysis of total mercury ions including mercury(I) ions. Monatshefte für Chemie, 2008, 139, 1157-1162.	0.9	9
54	Actual air separation across multilayer composite membranes. Journal of Applied Polymer Science, 2000, 77, 2396-2403.	1.3	8

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55	High-resolution thermogravimetry of poly(phenylene sulfide) film under four atmospheres. Journal of Applied Polymer Science, 2002, 83, 1940-1946.	1.3	6
56	Structure and thermal degradation of poly(N-phenyl acrylamide) and poly(N-phenyl methacrylamide). Journal of Applied Polymer Science, 2003, 88, 1065-1071.	1.3	5
57	Facile preparation and characterization of copolymer nanoparticles from pyrrole and aniline-2-sulfonic acid. Mikrochimica Acta, 2010, 171, 341-347.	2.5	3
58	Preparation and characterization of the copolymer containing N-pyridyl bi(methacryl)imide unit. Journal of Applied Polymer Science, 2002, 86, 1673-1678.	1.3	2
59	Oxidative copolymerization between toluidine and vinyl acetate. Journal of Applied Polymer Science, 2006, 100, 3562-3573.	1.3	0
60	Facile Synthesis and Versatilities of Polyanthraquinoylamine Nanofibril Bundles with Self Stability and High Carbon Yield. Nature Precedings, 2008, , .	0.1	0