

Chuh-Yean Chen

List of Publications by Year in descending order

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17
papers

772
citations

759233

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888059

17
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17
all docs

17
docs citations

17
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of cotton fibers with antibacterial silver nanoparticles. <i>Materials Letters</i> , 2008, 62, 3607-3609.	2.6	164
2	Application of superparamagnetic nanoparticles in purification of plasmid DNA from bacterial cells. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 822, 54-60.	2.3	107
3	Studies of glycolysis of poly(ethylene terephthalate) recycled from postconsumer soft-drink bottles. I. Influences of glycolysis conditions. <i>Journal of Applied Polymer Science</i> , 2001, 80, 943-948.	2.6	101
4	Recovery of Cu(II) and Cd(II) by a chelating resin containing aspartate groups. <i>Journal of Hazardous Materials</i> , 2008, 152, 986-993.	12.4	75
5	Adsorptions of heavy metal ions by a magnetic chelating resin containing hydroxy and iminodiacetate groups. <i>Separation and Purification Technology</i> , 2006, 50, 15-21.	7.9	60
6	Stability constants of polymer-bound iminodiacetate-type chelating agents with some transition-metal ions. <i>Journal of Applied Polymer Science</i> , 2002, 86, 1986-1994.	2.6	54
7	Application of silica@magnetite nanocomposites to the isolation of ultrapure plasmid DNA from bacterial cells. <i>Journal of Magnetism and Magnetic Materials</i> , 2006, 305, 483-490.	2.3	50
8	Adsorption properties of a chelating resin containing hydroxy group and iminodiacetic acid for copper ions. <i>Journal of Applied Polymer Science</i> , 2004, 94, 2123-2130.	2.6	43
9	Stability constants of water-soluble and latex types of chelating polymers containing iminodiacetic acid with some transition-metal ions. <i>European Polymer Journal</i> , 2003, 39, 991-1000.	5.4	33
10	Studies of glycolysis of poly(ethylene terephthalate) recycled from postconsumer soft-drink bottles. II. Factorial experimental design. <i>Journal of Applied Polymer Science</i> , 2001, 80, 956-962.	2.6	26
11	Facilitated transport of molecular oxygen in cobalt-chelated copolymer membranes prepared by soap-free emulsion polymerization. <i>Journal of Membrane Science</i> , 2002, 208, 133-145.	8.2	21
12	Formation of silver nanoparticles on a chelating copolymer film containing iminodiacetic acid. <i>Thin Solid Films</i> , 2005, 484, 68-72.	1.8	14
13	Kinetic study on peroxidation of benzaldehyde by polymer-immobilized cobalt-EDTA complex. <i>Journal of Applied Polymer Science</i> , 2001, 82, 3248-3257.	2.6	10
14	Permeation of oxygen/nitrogen in cobalt-chelated copoly(EDTA-MMA-BA) membranes. <i>Journal of Membrane Science</i> , 2000, 177, 189-199.	8.2	7
15	Polyurethane modified by oxetane grafted chitosan as bioadhesive. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 1100-1114.	3.4	3
16	Study on the peroxidation of cumene catalyzed by metal-chelated copolymer. <i>Reactive and Functional Polymers</i> , 2003, 57, 125-135.	4.1	2
17	Microgel-reinforced PVA hydrogel with self-healing and hyaluronic acid drug-releasing properties. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 1224-1235.	3.4	2