

Yulin Deng

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.

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|--------------------|-------------------------|----------------|-----------------|
| 124 papers | 4,480 citations | 38 h-index | 62 g-index |
| 129 ext. papers | 5,175 ext. citations | 6.6 avg, IF | 6.01 L-index |

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 124 | Enabling direct ink write edible 3D printing of food purees with cellulose nanocrystals. <i>Journal of Food Engineering</i> , 2022 , 111086 | 6 | 2 |
| 123 | Superhydrophobic elastomer with leaf-spring microstructure made from natural wood without any modification chemicals. <i>Chemical Engineering Journal</i> , 2022 , 442, 136338 | 14.7 | 4 |
| 122 | Advances in Versatile Nanoscale Catalyst for the Reductive Catalytic Fractionation of Lignin. <i>ChemSusChem</i> , 2021 , 14, 2268-2294 | 8.3 | 5 |
| 121 | Natural Wood Structure Inspires Practical Lithium Metal Batteries. <i>ACS Energy Letters</i> , 2021 , 6, 2103-2110 | 10.1 | 10 |
| 120 | Towards sustainable production and utilization of plant-biomass-based nanomaterials: a review and analysis of recent developments. <i>Biotechnology for Biofuels</i> , 2021 , 14, 114 | 7.8 | 22 |
| 119 | Oxidative Catalytic Fractionation and Depolymerization of Lignin in a One-Pot Single-Catalyst System. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 7719-7727 | 8.3 | 5 |
| 118 | Cellulose- and nanocellulose-based dielectric materials 2021 , 73-100 | | 1 |
| 117 | Selective hydrodeoxygenation of lignin model compound (3,4-dimethoxybenzyl alcohol) by Pd/CN catalyst. <i>International Journal of Biological Macromolecules</i> , 2021 , 169, 274-281 | 7.9 | 5 |
| 116 | Overview of Biomass Conversion to Electricity and Hydrogen and Recent Developments in Low-Temperature Electrochemical Approaches. <i>Engineering</i> , 2020 , 6, 1351-1363 | 9.7 | 19 |
| 115 | Fundamental Study toward Improving the Performance of a High-Moisture Biomass-Fueled Redox Flow Fuel Cell. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 4817-4828 | 3.9 | 5 |
| 114 | High-efficiency electrochemical hydrodeoxygenation of bio-phenols to hydrocarbon fuels by a superacid-noble metal particle dual-catalyst system. <i>Energy and Environmental Science</i> , 2020 , 13, 917-927 | 35.4 | 29 |
| 113 | High dielectric thin films based on barium titanate and cellulose nanofibrils.. <i>RSC Advances</i> , 2020 , 10, 5758-5765 | 3.7 | 9 |
| 112 | Ferric-ferrous redox couple mediated low temperature symmetric flow fuel cell for direct conversion of biomass residues into electricity. <i>Journal of Power Sources</i> , 2020 , 448, 227441 | 8.9 | 4 |
| 111 | Electrochemical Lignin Conversion. <i>ChemSusChem</i> , 2020 , 13, 4318-4343 | 8.3 | 25 |
| 110 | Ambient-pressure and low-temperature upgrading of lignin bio-oil to hydrocarbons using a hydrogen buffer catalytic system. <i>Nature Energy</i> , 2020 , 5, 759-767 | 62.3 | 25 |
| 109 | Expanded polystyrene via stabilized water droplet by in-situ modified starch nanocrystals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 582, 123863 | 5.1 | 10 |
| 108 | Lignin-polystyrene composite foams through high internal phase emulsion polymerization. <i>Polymer Engineering and Science</i> , 2019 , 59, 964-972 | 2.3 | 7 |

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| 107 | Flexible and Conductive Carbonized Cotton Fabrics Coupled with a Nanostructured Ni(OH) ₂ Coating for High Performance Aqueous Symmetric Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5231-5239 | 8.3 | 17 |
| 106 | Highly Efficient Lignin Depolymerization via Effective Inhibition of Condensation during Polyoxometalate-Mediated Oxidation. <i>Energy & Fuels</i> , 2019 , 33, 6483-6490 | 4.1 | 16 |
| 105 | Facile preparation of high dielectric flexible films based on titanium dioxide and cellulose nanofibrils. <i>Cellulose</i> , 2019 , 26, 6087-6098 | 5.5 | 9 |
| 104 | Pickering emulsion stabilized by amphiphilic pH-sensitive starch nanoparticles as therapeutic containers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 181, 244-251 | 6 | 31 |
| 103 | Surface Structure Patterning for Fabricating Non-fluorinated Superhydrophobic Cellulosic Membranes. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 1220-1229 | 4.3 | 13 |
| 102 | Effective low-temperature hydrogenolysis of lignin using carbon-supported ruthenium and formic acid as reducing agent. <i>Catalysis Communications</i> , 2019 , 126, 30-34 | 3.2 | 13 |
| 101 | Cellulose nanocrystals support material for 3D printing complexly shaped structures via multi-materials-multi-methods printing. <i>Additive Manufacturing</i> , 2019 , 28, 14-22 | 6.1 | 24 |
| 100 | 3D printed cellulose nanocrystal composites through digital light processing. <i>Cellulose</i> , 2019 , 26, 3973-3985 | 3.5 | 41 |
| 99 | Low energy electro-reduction of carbon dioxide coupling with anodic glycerol oxidation catalyzed by chemical regenerative phosphomolybdic acids. <i>Journal of Power Sources</i> , 2019 , 420, 99-107 | 8.9 | 9 |
| 98 | Thermally-induced cellulose nanofibril films with near-complete ultraviolet-blocking and improved water resistance. <i>Carbohydrate Polymers</i> , 2019 , 223, 115050 | 10.3 | 16 |
| 97 | A self-powered electrolytic process for glucose to hydrogen conversion. <i>Communications Chemistry</i> , 2019 , 2, | 6.3 | 9 |
| 96 | Direct Valorization of Lignocellulosic Biomass into Value-Added Chemicals by Polyoxometalate Catalyzed Oxidation under Mild Conditions. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 22996-23004 | 3.9 | 10 |
| 95 | Flow fuel cell powered by combustible agricultural waste. <i>Clean Energy</i> , 2018 , 2, 20-28 | 4.7 | 5 |
| 94 | Ferric ion pair mediated biomass redox flow fuel cell and related chemical reaction kinetics study. <i>Chemical Engineering Journal</i> , 2018 , 348, 476-484 | 14.7 | 16 |
| 93 | Low-temperature, Low-Energy, and High-Efficiency Pretreatment Technology for Large Wood Chips with a Redox Couple Catalyst. <i>ChemSusChem</i> , 2018 , 11, 1121-1131 | 8.3 | 8 |
| 92 | Direct Ink Write 3D Printed Cellulose Nanofiber Aerogel Structures with Highly Deformable, Shape Recoverable, and Functionalizable Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 2011-2022 | 8.3 | 63 |
| 91 | Morphology control for tunable optical properties of cellulose nanofibrils films. <i>Cellulose</i> , 2018 , 25, 5909-5918 | 5.5 | 16 |
| 90 | Efficient Biomass Fuel Cell Powered by Sugar with Photo- and Thermal-Catalysis by Solar Irradiation. <i>ChemSusChem</i> , 2018 , 11, 2229-2238 | 8.3 | 11 |

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|----|--|------|-----|
| 89 | A Self-Powered Nanophotodetector System with High UV Photocurrent. <i>ACS Applied Energy Materials</i> , 2018 , 1, 6851-6856 | 6.1 | 4 |
| 88 | Highly transparent 100% cellulose nanofibril films with extremely high oxygen barriers in high relative humidity. <i>Cellulose</i> , 2018 , 25, 4057-4066 | 5.5 | 23 |
| 87 | Low-Energy Catalytic Electrolysis for Simultaneous Hydrogen Evolution and Lignin Depolymerization. <i>ChemSusChem</i> , 2017 , 10, 847-854 | 8.3 | 40 |
| 86 | Cellulose Nanofibril Based-Aerogel Microreactors: A High Efficiency and Easy Recoverable W/O/W Membrane Separation System. <i>Scientific Reports</i> , 2017 , 7, 40096 | 4.9 | 31 |
| 85 | Butyric anhydride modified lignin and its oil-water interfacial properties. <i>Chemical Engineering Science</i> , 2017 , 165, 55-64 | 4.4 | 14 |
| 84 | Micro/nano structural engineering of filter paper surface for high selective oil/water separation. <i>Cellulose</i> , 2017 , 24, 2913-2924 | 5.5 | 10 |
| 83 | Innovative design of coal utilization: A green pathway for direct conversion of coal to electricity through flow fuel cell technology. <i>Applied Energy</i> , 2017 , 200, 226-236 | 10.7 | 21 |
| 82 | Nanocellulose-based conductive materials and their emerging applications in energy devices - A review. <i>Nano Energy</i> , 2017 , 35, 299-320 | 17.1 | 264 |
| 81 | Low-temperature microbial and direct conversion of lignocellulosic biomass to electricity: Advances and challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 71, 268-282 | 16.2 | 39 |
| 80 | Direct Conversion of Wheat Straw into Electricity with a Biomass Flow Fuel Cell Mediated by Two Redox Ion Pairs. <i>ChemSusChem</i> , 2017 , 10, 506-513 | 8.3 | 23 |
| 79 | Direct conversion of sewage sludge to electricity using polyoxometalate catalyzed flow fuel cell. <i>Energy</i> , 2017 , 141, 1019-1026 | 7.9 | 14 |
| 78 | Highly Ordered, Ultralong Mn-Based Nanowire Films with Low Contact Resistance as Freestanding Electrodes for Flexible Supercapacitors with Enhanced Performance. <i>ChemElectroChem</i> , 2017 , 4, 3061-3067 | 4.3 | 4 |
| 77 | Direct Ink Write (DIW) 3D Printed Cellulose Nanocrystal Aerogel Structures. <i>Scientific Reports</i> , 2017 , 7, 8018 | 4.9 | 110 |
| 76 | High wet-strength, thermally stable and transparent TEMPO-oxidized cellulose nanofibril film via cross-linking with poly-amide epichlorohydrin resin. <i>RSC Advances</i> , 2017 , 7, 31567-31573 | 3.7 | 45 |
| 75 | One-Step Fabrication of Fe(OH)@Cellulose Hollow Nanofibers with Superior Capability for Water Purification. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 25339-25349 | 9.5 | 29 |
| 74 | Hydrogen Evolution from Native Biomass with Fe ³⁺ /Fe ²⁺ Redox Couple Catalyzed Electrolysis. <i>Electrochimica Acta</i> , 2017 , 246, 1163-1173 | 6.7 | 35 |
| 73 | Surface modification of cellulose nanofibrils by maleated styrene block copolymer and their composite reinforcement application. <i>Cellulose</i> , 2016 , 23, 519-528 | 5.5 | 19 |
| 72 | Ultra-lightweight poly (sodium acrylate) modified TEMPO-oxidized cellulose nanofibril aerogel spheres and their superabsorbent properties. <i>Cellulose</i> , 2016 , 23, 3665-3676 | 5.5 | 29 |

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| 71 | Water expandable polystyrene containing cellulose nanofibrils: Expansion behavior and morphology. <i>Chemical Engineering Science</i> , 2016 , 156, 56-63 | 4.4 | 10 |
| 70 | Recyclable magnetic-Pickering emulsion liquid membrane for extracting phenol compounds from wastewater. <i>Journal of Materials Science</i> , 2016 , 51, 6370-6378 | 4.3 | 13 |
| 69 | Fluorine-Free Oil Absorbents Made from Cellulose Nanofibril Aerogels. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 2732-40 | 9.5 | 143 |
| 68 | High efficiency hydrogen evolution from native biomass electrolysis. <i>Energy and Environmental Science</i> , 2016 , 9, 467-472 | 35.4 | 85 |
| 67 | Temperature-sensitive poly-NIPAm modified cellulose nanofibril cryogel microspheres for controlled drug release. <i>Cellulose</i> , 2016 , 23, 415-425 | 5.5 | 54 |
| 66 | Polyoxometalate liquid-catalyzed polyol fuel cell and the related photoelectrochemical reaction mechanism study. <i>Journal of Power Sources</i> , 2016 , 318, 86-92 | 8.9 | 27 |
| 65 | Freezing-mediated polymerization of Ag nanoparticle-embedded polyaniline belts with polyoxometalate as doping acid exhibiting UV-photosensitivity. <i>RSC Advances</i> , 2016 , 6, 46475-46478 | 3.7 | 3 |
| 64 | Water-Expandable Polystyrene Using Cross-Linked Starch Nanoparticle as Water-Stabilizing Agent. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 6627-6633 | 3.9 | 11 |
| 63 | Characterization of micro fibrillation process of cellulose and mercerized cellulose pulp. <i>RSC Advances</i> , 2015 , 5, 63111-63122 | 3.7 | 28 |
| 62 | Thermo-responsive and fluorescent cellulose nanocrystals grafted with polymer brushes. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1995-2005 | 13 | 60 |
| 61 | High Performance All-solid Supercapacitors Based on the Network of Ultralong Manganese dioxide/Polyaniline Coaxial Nanowires. <i>Scientific Reports</i> , 2015 , 5, 17858 | 4.9 | 34 |
| 60 | Fast solvent removal by mechanical twisting for gel spinning of ultrastrong fibers. <i>Polymer Engineering and Science</i> , 2015 , 55, 745-752 | 2.3 | 6 |
| 59 | Surfactant free Pickering emulsion polymerization of styrene in w/o/w system using cellulose nanofibrils. <i>European Polymer Journal</i> , 2015 , 64, 179-188 | 5.2 | 48 |
| 58 | Solar-induced direct biomass-to-electricity hybrid fuel cell using polyoxometalates as photocatalyst and charge carrier. <i>Nature Communications</i> , 2014 , 5, 3208 | 17.4 | 99 |
| 57 | Cross-linked starch nanoparticles stabilized Pickering emulsion polymerization of styrene in w/o/w system. <i>Colloid and Polymer Science</i> , 2014 , 292, 599-612 | 2.4 | 34 |
| 56 | Reinforcement of all-cellulose nanocomposite films using native cellulose nanofibrils. <i>Carbohydrate Polymers</i> , 2014 , 104, 143-50 | 10.3 | 64 |
| 55 | Characterization of cellulose nanofibrillation by micro grinding. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1 | 2.3 | 82 |
| 54 | High-performance liquid-catalyst fuel cell for direct biomass-into-electricity conversion. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13558-62 | 16.4 | 47 |

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| 53 | Noble metal catalyzed aqueous phase hydrogenation and hydrodeoxygenation of lignin-derived pyrolysis oil and related model compounds. <i>Bioresource Technology</i> , 2014 , 173, 6-10 | 11 | 62 |
| 52 | High performance poly (vinyl alcohol)/cellulose nanocrystals nanocomposites manufactured by injection molding. <i>Cellulose</i> , 2014 , 21, 485-494 | 5.5 | 56 |
| 51 | Thermally enhanced high performance cellulose nano fibril barrier membranes. <i>RSC Advances</i> , 2014 , 4, 45136-45142 | 3.7 | 48 |
| 50 | Aerogel microspheres from natural cellulose nanofibrils and their application as cell culture scaffold. <i>Biomacromolecules</i> , 2014 , 15, 2540-7 | 6.9 | 149 |
| 49 | High-Performance Liquid-Catalyst Fuel Cell for Direct Biomass-into-Electricity Conversion. <i>Angewandte Chemie</i> , 2014 , 126, 13776-13780 | 3.6 | 32 |
| 48 | Effect of disperse dye on the preparation of poly(vinyl acetate)/poly(vinyl alcohol)/disperse dye composite microspheres. <i>Journal of Composite Materials</i> , 2014 , 48, 2265-2271 | 2.7 | |
| 47 | Solid-state flexible polyaniline/silver cellulose nanofibrils aerogel supercapacitors. <i>Journal of Power Sources</i> , 2014 , 246, 283-289 | 8.9 | 103 |
| 46 | The formation of asymmetric polystyrene/saponite composite nanoparticles via miniemulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 3916-3922 | 2.9 | 7 |
| 45 | Nanoindentation study of individual cellulose nanowhisker-reinforced PVA electrospun fiber. <i>Polymer Bulletin</i> , 2013 , 70, 1205-1219 | 2.4 | 28 |
| 44 | In situ self-assembly synthesis of gold nanoparticle arrays on polystyrene microspheres and their surface plasmon resonance. <i>Colloid and Polymer Science</i> , 2013 , 291, 239-244 | 2.4 | 14 |
| 43 | Poly(vinyl alcohol)/montmorillonite/silver hybrid nanoparticles prepared from aqueous solutions by the electrospraying method. <i>Journal of Composite Materials</i> , 2013 , 47, 3367-3378 | 2.7 | 9 |
| 42 | Solid-state, flexible, high strength paper-based supercapacitors. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 5835 | 13 | 62 |
| 41 | Lignin Pyrolysis Components and Upgrading Technology Review. <i>Bioenergy Research</i> , 2013 , 6, 1183-1204 | 3.1 | 230 |
| 40 | Increased mechanical properties of aligned and isotropic electrospun PVA nanofiber webs by cellulose nanowhisker reinforcement. <i>Macromolecular Research</i> , 2012 , 20, 76-83 | 1.9 | 52 |
| 39 | Opposite photocurrent response to ultraviolet and visible light. <i>Journal of Materials Chemistry</i> , 2012 , 22, 24522 | | 15 |
| 38 | A sandwich-structured ultraviolet photodetector driven only by opposite heterojunctions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13899 | | 61 |
| 37 | Aerogels from crosslinked cellulose nano/micro-fibrils and their fast shape recovery property in water. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11642 | | 175 |
| 36 | Electrospraying Fabrication and Characterization of Low Molecular Weight Poly(vinyl alcohol)/Silver Composite Nanospheres for Antibacterial Applications. <i>Polymers and Polymer Composites</i> , 2012 , 20, 253-260 | 0.8 | 3 |

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| 35 | Janus particles with tunable coverage of zinc oxide nanowires. <i>Journal of Materials Chemistry</i> , 2011 , 21, 2067 | | 26 |
| 34 | The morphology and mechanical properties of layer structured cellulose microfibril foams from ice-templating methods. <i>Soft Matter</i> , 2011 , 7, 6034 | 3.6 | 95 |
| 33 | General approach for fabricating nanoparticle arrays via patterned block copolymer nanoreactors. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 1-13 | 2.3 | 27 |
| 32 | ZnO spheres and nanorods formation: their dependence on agitation in solution synthesis. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 1689-1696 | 2.3 | 17 |
| 31 | Evolution of the zinc compound nanostructures in zinc acetate single-source solution. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 5193-5202 | 2.3 | 40 |
| 30 | Selective and Sequential Re-Assembly of Patterned Block Copolymer Thin Film for Fabricating Polymeric, Inorganic, and Their Composite Nanostructured Arrays. <i>Macromolecular Rapid Communications</i> , 2011 , 32, 1526-32 | 4.8 | 7 |
| 29 | Fusion bonding of supercooled poly(ethylene terephthalate) between T _g and T _m . <i>Journal of Applied Polymer Science</i> , 2011 , 119, 3101-3112 | 2.9 | 3 |
| 28 | Electrospinning fabrication and characterization of poly(vinyl alcohol)/waterborne polyurethane nanofiber membranes in aqueous solution. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 2337-2345 | 2.9 | 18 |
| 27 | Rheological study of self-crosslinking and co-crosslinking of ammonium zirconium carbonate and starch in aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2011 , 122, 1019-1029 | 2.9 | 21 |
| 26 | Preparation of Starch/Fatty Acid Modified Clay and Its Application in Packaging Papers. <i>Industrial & Engineering Chemistry Research</i> , 2011 , 50, 5628-5633 | 3.9 | 22 |
| 25 | Superhydrophobic Surface Fabricated from Fatty Acid-Modified Precipitated Calcium Carbonate. <i>Industrial & Engineering Chemistry Research</i> , 2010 , 49, 5625-5630 | 3.9 | 60 |
| 24 | Poly(vinyl alcohol)/chitosan oligosaccharide blend submicrometer fibers prepared from aqueous solutions by the electrospinning method. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 132-140 | 2.9 | 37 |
| 23 | Surface modification of cellulose fibers by starch grafting with crosslinkers. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 3019-3026 | 2.9 | 27 |
| 22 | Electrospinning and characterization of poly(vinyl alcohol)/chitosan oligosaccharide/clay nanocomposite nanofibers in aqueous solutions. <i>Colloid and Polymer Science</i> , 2009 , 287, 943-950 | 2.4 | 65 |
| 21 | Synthesis of Needle-like Aragonite from Limestone without Calcinations in the Presence of Magnesium Sulfate. <i>Advanced Composite Materials</i> , 2009 , 18, 187-195 | 2.8 | 1 |
| 20 | Synthesis of Needle-Like Aragonite Crystals in the Presence of Magnesium Chloride and Their Application in Papermaking. <i>Advanced Composite Materials</i> , 2009 , 18, 315-326 | 2.8 | 11 |
| 19 | Kinetics Study of ZnO Nanorod Growth in Solution. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 19853-19858 | 3.5 | 60 |
| 18 | Tribology Passive Protection of Friction Pair with Polystyrene. <i>Tribology Transactions</i> , 2009 , 52, 191-196 | 1.8 | |

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| 17 | Energy Saving in Papermaking through Filler Addition. <i>Industrial & Engineering Chemistry Research</i> , 2008 , 47, 8430-8435 | 3.9 | 52 |
| 16 | Multihollow structured poly(methyl methacrylate)/silver nanocomposite microspheres prepared by suspension polymerization in the presence of dual dispersion agents. <i>Colloid and Polymer Science</i> , 2008 , 286, 1379-1385 | 2.4 | 21 |
| 15 | Kinetics of Miniemulsion Polymerization of Styrene in the Presence of Organoclays. <i>Macromolecular Materials and Engineering</i> , 2008 , 293, 529-537 | 3.9 | 23 |
| 14 | Enhanced enzymatic hydrolysis of spruce by alkaline pretreatment at low temperature. <i>Biotechnology and Bioengineering</i> , 2008 , 99, 1320-8 | 4.9 | 246 |
| 13 | Enhanced bondability between inorganic particles and a polysaccharide substrate by encapsulation with regenerated cellulose. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 2830-2836 | 2.9 | 14 |
| 12 | Polymer clay self-assembly complexes on paper. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 1987-1992 | 2.9 | 20 |
| 11 | Encapsulation of Inorganic Particles with Nanostructured Cellulose. <i>Macromolecular Materials and Engineering</i> , 2007 , 292, 1158-1163 | 3.9 | 18 |
| 10 | Polyaniline Microspheres Consisting of Highly Crystallized Nanorods. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 1237-1242 | 4.8 | 41 |
| 9 | Poly(vinyl acetate)/poly(vinyl alcohol)/montmorillonite nanocomposite microspheres prepared by suspension polymerization and saponification. <i>Colloid and Polymer Science</i> , 2007 , 285, 705-710 | 2.4 | 39 |
| 8 | Clay-starch composites and their application in papermaking. <i>Journal of Applied Polymer Science</i> , 2006 , 100, 1032-1038 | 2.9 | 71 |
| 7 | Improvement of Peroxide Bleaching Yield and Efficiency of TMP Using Glyoxal Crosslink Agents. <i>Industrial & Engineering Chemistry Research</i> , 2006 , 45, 5813-5818 | 3.9 | 7 |
| 6 | Improvement of paper strength with starch modified clay. <i>Journal of Applied Polymer Science</i> , 2005 , 97, 44-50 | 2.9 | 60 |
| 5 | Poly(vinyl acetate)/Silver Nanocomposite Microspheres Prepared by Suspension Polymerization at Low Temperature. <i>Macromolecular Materials and Engineering</i> , 2005 , 290, 78-84 | 3.9 | 33 |
| 4 | Synthesis of high molecular weight poly(methyl methacrylate) microspheres by suspension polymerization in the presence of silver nanoparticles. <i>Colloid and Polymer Science</i> , 2005 , 283, 1172-1179 | 2.4 | 38 |
| 3 | Low temperature suspension polymerization of methyl methacrylate for the preparation of high molecular weight poly(methyl methacrylate)/silver nanocomposite microspheres. <i>Fibers and Polymers</i> , 2005 , 6, 277-283 | 2 | 14 |
| 2 | Synthesis of precipitated calcium carbonate nanoparticles using a two-membrane system. <i>Colloid Journal</i> , 2004 , 66, 745-750 | 1.1 | 19 |
| 1 | The effects of lignocellulosic fiber surface area on the dynamics of lignin oxidation and diffusion. <i>Journal of Applied Polymer Science</i> , 2004 , 94, 177-181 | 2.9 | 1 |