

# Dongya Yang

## 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.

101  
papers

1,754  
citations

24  
h-index

36  
g-index

107  
ext. papers

2,177  
ext. citations

4.2  
avg, IF

5.16  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 101 | Waste-to-resource strategy to fabricate wearable Janus membranes derived from corn bracts for application in personal thermal management. <i>Cellulose</i> , <b>2022</b> , 29, 1219-1230   | 5.5  | 1         |
| 100 | Toxic waste sludge derived hierarchical porous adsorbent for efficient phosphate removal.. <i>Science of the Total Environment</i> , <b>2022</b> , 830, 154765   | 10.2 | 0         |
| 99  | Boronate affinity-modified magnetic Cyclodextrin polymer for selective separation and adsorption of shikimic acid. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 13043   | 4.3  | 0         |
| 98  | Ternary metal composite membrane FCMNCM enhances the separation of As(III) in water through the multifunctional cooperation. <i>Chemosphere</i> , <b>2021</b> , 267, 129286  | 8.4  | 1         |
| 97  | Facile fabrication of bifunctional ZIF-L/cellulose composite membrane for efficient removal of tellurium and antibacterial effects. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 416, 125888  | 12.8 | 27        |
| 96  | Fabrication of MnO <sub>2</sub> Nanowires@Ag/Cellulose Laminated Membranes with Unidirectional Liquid Penetration for Personal Thermal Management Applications. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 17980-17988 | 3.9  | 1         |
| 95  | Preparation of vinyl acetate/acrylate emulsion modified with carboxymethyl cellulose and fluorine for paper relic protection. <i>Journal of Dispersion Science and Technology</i> , <b>2020</b> , 1-10   | 1.5  | 0         |
| 94  | Synthesis of microcrystalline cellulose/TiO <sub>2</sub> /fluorine/styrene-acrylate coatings and the application for simulated paper cultural relic protection. <i>Cellulose</i> , <b>2020</b> , 27, 6549-6562   | 5.5  | 11        |
| 93  | Efficient removal of As(III) via the synergistic effect of oxidation and absorption by FeOOH@MnO@CAM nano-hybrid adsorption membrane. <i>Chemosphere</i> , <b>2020</b> , 258, 127329   | 8.4  | 12        |
| 92  | In-situ fabrication of dynamic and recyclable TiO <sub>2</sub> coated bacterial cellulose membranes as an efficient hybrid adsorbent for tellurium extraction. <i>Cellulose</i> , <b>2020</b> , 27, 4591-4608  | 5.5  | 15        |
| 91  | Laminated Fibrous Membrane Inspired by Polar Bear Pelt for Outdoor Personal Radiation Management. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 12285-12293  | 9.5  | 20        |
| 90  | Hierarchical structurized waste brick with opposite wettability for on-demand oil/water separation. <i>Chemosphere</i> , <b>2020</b> , 251, 126348   | 8.4  | 14        |
| 89  | Waste-to-resource strategy to fabricate functionalized material from waste brick. <i>Science of the Total Environment</i> , <b>2020</b> , 703, 135032  | 10.2 | 7         |
| 88  | Preparation of self-healing acrylic copolymer composite coatings for application in protection of paper cultural relics. <i>Polymer Engineering and Science</i> , <b>2020</b> , 60, 288-296  | 2.3  | 8         |
| 87  | Fe <sub>3</sub> O <sub>4</sub> @chitosan-bound boric acid composite as pH-responsive reusable adsorbent for selective recognition and capture of cis-diol-containing shikimic acid. <i>Applied Organometallic Chemistry</i> , <b>2020</b> , 34, e5415  | 3.1  | 14        |
| 86  | Laminated Cellulose Hybrid Membranes with Triple Thermal Insulation Functions for Personal Thermal Management Application. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 15936-15945   | 8.3  | 11        |
| 85  | Multifunctional laminated membranes with adjustable infrared radiation for personal thermal management applications. <i>Cellulose</i> , <b>2020</b> , 27, 8471-8483  | 5.5  | 6         |

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|----|---|------|----|
| 84 | Superhydrophobic Stainless-Steel Mesh with Excellent Electrothermal Properties for Efficient Separation of Highly Viscous Water-in-Crude Oil Emulsions. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 17918-17926        | 3.9  | 8  |
| 83 | Enhanced As(V) removal from aqueous solutions by recyclable Cu@MNM composite membranes via synergistic oxidation and absorption. <i>Water Research</i> , <b>2020</b> , 168, 115147  | 12.5 | 33 |
| 82 | Preparation of polymeric material containing UV absorber for application in paper-based relics protection. <i>Polymer-Plastics Technology and Materials</i> , <b>2020</b> , 59, 536-545   | 1.5  | 4  |
| 81 | Preparation of biomass carbon/polyurethane foams for selective oil/water absorption. <i>Journal of Dispersion Science and Technology</i> , <b>2020</b> , 41, 1872-1878  | 1.5  | 10 |
| 80 | Covalent laccase immobilization on the surface of poly(vinylidene fluoride) polymer membrane for enhanced biocatalytic removal of dyes pollutants from aqueous environment. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 191, 111025 | 6    | 28 |
| 79 | Simultaneous adsorption of Li(I) and Rb(I) by dual crown ethers modified magnetic ion imprinting polymers. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e4778  | 3.1  | 13 |
| 78 | 3D hierarchical MnO <sub>2</sub> aerogels with superhydrophobicity for selective oil/water separation. <i>Applied Organometallic Chemistry</i> , <b>2019</b> , 33, e5073  | 3.1  | 5  |
| 77 | Sustainable, Flexible, and Superhydrophobic Functionalized Cellulose Aerogel for Selective and Versatile Oil/Water Separation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 9984-9994  | 8.3  | 92 |
| 76 | Fabrication of Flexible and Superhydrophobic Melamine Sponge with Aligned Copper Nanoparticle Coating for Self-Cleaning and Dual Thermal Management Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 4844-4852  | 3.9  | 21 |
| 75 | A robust Janus fibrous membrane with switchable infrared radiation properties for potential building thermal management applications. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 8344-8352  | 13   | 26 |
| 74 | Fabrication of sandwich-structured cellulose composite membranes for switchable infrared radiation. <i>Cellulose</i> , <b>2019</b> , 26, 8745-8757  | 5.5  | 11 |
| 73 | Highly dispersive NiCoS nanoparticles anchored on nitrogen-doped carbon nanofibers for efficient hydrogen evolution reaction. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 294-303  | 9.3  | 25 |
| 72 | Hierarchical Al <sub>2</sub> O <sub>3</sub> /SiO <sub>2</sub> fiber membrane with reversible wettability for on-demand oil/water separation. <i>Korean Journal of Chemical Engineering</i> , <b>2019</b> , 36, 92-100                                 | 2.8  | 10 |
| 71 | Ag nanoparticles coated cellulose membrane with high infrared reflection, breathability and antibacterial property for human thermal insulation. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 535, 363-370                         | 9.3  | 41 |
| 70 | Synthesis, mechanical properties and iron surface conservation behavior of UV-curable waterborne polyurethane-acrylate coating modified with inorganic carbonate. <i>Polymer Bulletin</i> , <b>2018</b> , 75, 4713-4734                               | 2.4  | 16 |
| 69 | Hierarchical Porous BiOCl/LDHs Composites Templated from Cotton Fibers for Efficient Removal of Dyes from Aqueous Solution. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 697-702  | 2    | 1  |
| 68 | Hybridization of Al <sub>2</sub> O <sub>3</sub> microspheres and acrylic ester resins as a synergistic absorbent for selective oil and organic solvent absorption. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4244                  | 3.1  | 8  |
| 67 | Environmentally friendly cleaner water-soluble fluorescent carbon dots coated with chitosan: synthesis and its application for sensitivity determination of Cr(VI) ions. <i>Journal of the Iranian Chemical Society</i> , <b>2018</b> , 15, 23-33     | 2    | 3  |

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|----|---|------|-----|
| 66 | Fabrication of UV-curable waterborne fluorinated polyurethane-acrylate and its application for simulated iron cultural relic protection <b>2018</b> , 15, 535-541   |      | 10  |
| 65 | Mesoporous hollow silicon spheres modified with manganese ion sieve: Preparation and its application for adsorption of lithium and rubidium ions. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4182 <sup>31</sup>                           |      | 13  |
| 64 | Novel Flower-Like ZnO Hybridized with Acrylic Ester Resin for Enhanced Oil Absorption Properties. <i>Polymer-Plastics Technology and Engineering</i> , <b>2018</b> , 57, 1665-1675  |      | 5   |
| 63 | Enhancement of oil absorption properties of acrylic ester resin hybridized with well-organized sea urchin-like MnO <sub>2</sub> . <i>Polymer Composites</i> , <b>2018</b> , 39, 4041-4049   | 3    | 2   |
| 62 | Dual-template crown ether-functionalized hierarchical porous silica: Preparation and application for adsorption of energy metal lithium. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4114  | 3.1  | 5   |
| 61 | Synthesis of UV-curing waterborne polyurethane-acrylate coating and its photopolymerization kinetics using FT-IR and photo-DSC methods. <i>Progress in Organic Coatings</i> , <b>2018</b> , 122, 10-18  | 4.8  | 50  |
| 60 | Calix[4]arenes functionalized dual-imprinted mesoporous film for the simultaneous selective recovery of lithium and rubidium. <i>Applied Organometallic Chemistry</i> , <b>2018</b> , 32, e4511   | 3.1  | 14  |
| 59 | Janus ZnO-cellulose/MnO <sub>2</sub> hybrid membranes with asymmetric wettability for highly-efficient emulsion separations. <i>Cellulose</i> , <b>2018</b> , 25, 5951-5965   | 5.5  | 57  |
| 58 | Superhydrophobic Hierarchical Biomass Carbon Aerogel Assembled with TiO <sub>2</sub> Nanorods for Selective Immiscible Oil/Water Mixture and Emulsion Separation. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2018</b> , 57, 14758-14766    | 3.9  | 43  |
| 57 | Preparation of Carbon Nanotubes/Polyurethane Hybrids as a Synergistic Absorbent for Efficient Oil/Water Separation. <i>Fibers and Polymers</i> , <b>2018</b> , 19, 2195-2202  | 2    | 14  |
| 56 | Recyclable biomass carbon@SiO <sub>2</sub> @MnO <sub>2</sub> aerogel with hierarchical structures for fast and selective oil-water separation. <i>Chemical Engineering Journal</i> , <b>2018</b> , 351, 622-630   | 14.7 | 128 |
| 55 | Silver carbonate loaded on activated carbon composite photocatalyst with enhanced photocatalytic activity under visible light irradiation. <i>Materials Technology</i> , <b>2017</b> , 32, 38-45  | 2.1  | 12  |
| 54 | Fabrication of fluorescent carbon dots-linked isophorone diisocyanate and $\beta$ -cyclodextrin for detection of chromium ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2017</b> , 179, 163-170                   | 4.4  | 21  |
| 53 | The synthesis of hierarchical porous Al <sub>2</sub> O <sub>3</sub> /acrylic resin composites as durable, efficient and recyclable absorbents for oil/water separation. <i>Chemical Engineering Journal</i> , <b>2017</b> , 309, 522-531                    | 14.7 | 72  |
| 52 | A novel multi-wall carbon nanotubes/poly(n-butylacrylate-co-butyl methacrylate) hybrid resin: synthesis and oil/organic solvents absorption. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 1865-1873   | 2    | 10  |
| 51 | A novel water-soluble chitosan linked fluorescent carbon dots and isophorone diisocyanate fluorescent material toward detection of chromium(VI). <i>Analytical Methods</i> , <b>2016</b> , 8, 8554-8565   | 3.2  | 11  |
| 50 | Preparation, Characterization of Graphite Oxide Loaded with K <sub>2</sub> CO <sub>3</sub> as Heterogeneous Catalyst and Its Transesterification Application. <i>Arabian Journal for Science and Engineering</i> , <b>2016</b> , 41, 89-96                  |      | 2   |
| 49 | Kinetic, isotherm and thermodynamic studies for removal of methyl orange using a novel $\beta$ -cyclodextrin functionalized graphene oxide-isophorone diisocyanate composites. <i>Chemical Engineering Research and Design</i> , <b>2016</b> , 106, 168-177 | 5.5  | 46  |

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|----|---|-----|----|
| 48 | Preparation, characterization of nano-silica/fluoroacrylate material and the application in stone surface conservation. <i>Journal of Polymer Research</i> , <b>2016</b> , 23, 1  | 2.7 | 13 |
| 47 | Synthesis of Azo Polyurethane-Urea and Investigation of its Thermo-Optic Properties. <i>Zeitschrift Fur Physikalische Chemie</i> , <b>2016</b> , 230, 211-229   | 3.1 | 4  |
| 46 | Preparation of a main-chain azo polyurethane-urea and its application of Y-branch and Mach-Zehnder thermo-optic switch. <i>Polymer Bulletin</i> , <b>2015</b> , 72, 323-337   | 2.4 | 4  |
| 45 | Coupling with a narrow-band-gap semiconductor for enhancement of visible-light photocatalytic activity: preparation of Bi <sub>2</sub> S <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> and application for degradation of RhB. <i>RSC Advances</i> , <b>2015</b> , 5, 24944-24952 | 3.7 | 62 |
| 44 | Effect of different photoinitiators on the properties of UV-cured electromagnetic shielding composites. <i>Journal of Polymer Engineering</i> , <b>2015</b> , 35, 209-222   | 1.4 | 4  |
| 43 | Novel three chiral azobenzene polyurethanes: Preparation, optical properties and simulation comparisons of two different polymeric thermo-optic switches. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2015</b> , 24, 1550028                                   | 0.8 | 4  |
| 42 | Novel chiral azobenzene-containing polyurethanes: synthesis, optical properties and simulation comparison of two kind of polymeric thermo-optic switches. <i>Journal of Polymer Research</i> , <b>2015</b> , 22, 1  | 2.7 | 6  |
| 41 | Heterogeneous Catalyst of Mixed K Compounds/Ca-Al-Graphite Oxide for the Transesterification of Soybean Oil to Biodiesel. <i>Chemical Engineering and Technology</i> , <b>2015</b> , 38, 1557-1564  | 2   | 7  |
| 40 | Preparation and application of fluorinated-siloxane protective surface coating material for stone inscriptions. <i>Journal of Polymer Engineering</i> , <b>2015</b> , 35, 511-522   | 1.4 | 6  |
| 39 | Fabrication of Single-Layer Graphitic Carbon Nitride and Coupled Systems for the Photocatalytic Degradation of Dyes under Visible-Light Irradiation. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 1359-1367   | 2.3 | 30 |
| 38 | Adsorption behavior of crystal violet from aqueous solutions with chitosan-graphite oxide modified polyurethane as an adsorbent. <i>Journal of Applied Polymer Science</i> , <b>2015</b> , 132,   | 2.9 | 45 |
| 37 | Preparation of graphite oxide/polyurethane foam material and its removal application of malachite green from aqueous solution. <i>Journal of Applied Polymer Science</i> , <b>2014</b> , 131,   | 2.9 | 24 |
| 36 | Preparation and Properties of Graphene Oxide-Modified Waterborne Polyurethane-Acrylate Hybrids. <i>Polymer-Plastics Technology and Engineering</i> , <b>2014</b> , 53, 1408-1416  |     | 16 |
| 35 | Transesterification of Soybean Oil to Biodiesel in a Microwave-Assisted Heterogeneous Catalytic System. <i>Chemical Engineering and Technology</i> , <b>2014</b> , 37, 283-292  | 2   | 16 |
| 34 | Removal of basic fuchsin dye from aqueous solutions using graphite oxide modified aromatic polyurethane foam material. <i>Toxicological and Environmental Chemistry</i> , <b>2014</b> , 96, 849-860   | 1.4 | 11 |
| 33 | Alanine-derivatized Cyclodextrin bonded silica: structure and adsorption selectivity. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2014</b> , 89, 1360-1369   | 3.5 | 3  |
| 32 | UV-curable electromagnetic shielding composite films produced through waterborne polyurethane-acrylate bonded graphene oxide: preparation and effect of different diluents on the properties. <i>E-Polymers</i> , <b>2014</b> , 14, 427-440                                       | 2.7 | 6  |
| 31 | Biodiesel production from soybean oil using heterogeneous solid base catalyst. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2014</b> , 89, 988-997  | 3.5 | 23 |

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|----|---|-----|----|
| 30 | Formulation and Characterization of epoxidized hydroxyl-terminated hyperbranched polyester and its application in waterborne epoxy resin. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1  | 2.7 | 6  |
| 29 | Production of biodiesel from soybean oil catalyzed by attapulgite loaded with C <sub>4</sub> H <sub>5</sub> O <sub>6</sub> KNa catalyst. <i>Korean Journal of Chemical Engineering</i> , <b>2013</b> , 30, 1395-1402                                | 2.8 | 5  |
| 28 | Preparation, characterization of UV-Curable Waterborne Polyurethane-Acrylate and the application in metal iron surface protection. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 130, 3142-3152   | 2.9 | 49 |
| 27 | Synthesis, Thermo-Optic Properties, and Polymeric Thermo-Optic Switch Based on Novel Optically Active Polyurethane (Urea). <i>Soft Materials</i> , <b>2013</b> , 11, 233-243  | 1.7 | 2  |
| 26 | Adsorption Behavior of Azo Dye Eriochrome Black T from Aqueous Solution by $\beta$ -Cyclodextrins/Polyurethane Foam Material. <i>Polymer-Plastics Technology and Engineering</i> , <b>2013</b> , 52, 452-460  |     | 51 |
| 25 | Thermo-Optic and Dispersion Properties of Host-Guest Doping Polymer. <i>Arabian Journal for Science and Engineering</i> , <b>2013</b> , 38, 77-83   |     |    |
| 24 | Preparation, thermo-optic property and simulation of optical switch based on azo benzothiazole polymer. <i>Applied Physics B: Lasers and Optics</i> , <b>2013</b> , 111, 93-102   | 1.9 | 4  |
| 23 | Scale Inhibitor Copolymer Modified with Oxidized Starch: Synthesis and Performance on Scale Inhibition. <i>Polymer-Plastics Technology and Engineering</i> , <b>2013</b> , 52, 261-267  |     | 12 |
| 22 | Preparation and Properties of Waterborne Polyurethane Containing Hyperbranched Polyester Linkages. <i>Polymer-Plastics Technology and Engineering</i> , <b>2013</b> , 52, 614-620   |     | 8  |
| 21 | Preparation and characterization of L-phenylalanine-derivatized $\beta$ -cyclodextrin-bonded silica and its application on chiral separation of alanine acid racemates. <i>Korean Journal of Chemical Engineering</i> , <b>2013</b> , 30, 2078-2087 | 2.8 | 3  |
| 20 | Helical Biphenyl Bisazo Polyurethane: Preparation, Characterization and Analysis of Polymeric Thermo-Optic Switch. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2013</b> , 18, 40-56                                  | 1.7 | 4  |
| 19 | Synthesis, Optical Property, and Simulation of Thermo-Optic Switch of Novel Azopolymer. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2013</b> , 62, 613-619  | 3   | 1  |
| 18 | Preparation and Application of Polymers as Inhibitors for Calcium Carbonate and Calcium Phosphate Scales. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , <b>2013</b> , 62, 323-329                                |     | 23 |
| 17 | Polyurethane-attapulgite porous material: Preparation, characterization, and application for dye adsorption. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 129, 1697-1706   | 2.9 | 27 |
| 16 | Preparation, mechanical properties of waterborne polyurethane and crosslinked polyurethane-acrylate composite. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 124, 958-968   | 2.9 | 28 |
| 15 | Preparation, Characterization and Dye Decolorization Application of Chitosan/Polyurethane Foam Material. <i>Polymer-Plastics Technology and Engineering</i> , <b>2012</b> , 51, 754-759   |     | 14 |
| 14 | Waterborne Polyurethane-Acrylate Containing Different Polyether Polyols: Preparation and Properties. <i>Polymer-Plastics Technology and Engineering</i> , <b>2012</b> , 51, 50-57   |     | 27 |
| 13 | SYNTHESIS, PHYSICAL PROPERTIES AND POLYMERIC DIGITAL OPTICAL SWITCH OF AZO BENZOTHAZOLE POLYURETHANE-UREA. <i>Journal of Nonlinear Optical Physics and Materials</i> , <b>2012</b> , 21, 1250044  | 0.8 | 2  |

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|----|---|-----|----|
| 12 | Preparation, characterization and properties of UV-curable waterborne polyurethane acrylate/SiO <sub>2</sub> coating <b>2012</b> , 9, 503-514   |     | 44 |
| 11 | Preparation, Characterization, and Inhibition Efficiency of Quadripolymer for Use as Scale Inhibitor. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2012</b> , 17, 321-332                                     | 1.7 | 11 |
| 10 | Application of an inclusion complex for determination of dithianon residues in water and fruits. <i>Toxicological and Environmental Chemistry</i> , <b>2012</b> , 94, 1034-1042   | 1.4 | 5  |
| 9  | Monocomponent Waterborne Polyurethane Adhesives: Influence of the Crosslinking Agent on Their Properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , <b>2011</b> , 48, 277-283                                 | 2.2 | 9  |
| 8  | Chiral Azo polyurethane(urea): Preparation, optical properties and low power consumption polymeric thermo-optic switch. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2011</b> , 49, 939-948                              | 2.6 | 19 |
| 7  | Preparation, characterization, and properties of environmentally friendly waterborne poly(urethane acrylate)/silica hybrids. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 119, 1683-1695                                       | 2.9 | 20 |
| 6  | Preparation, thermo-optic property and transmission loss of chiral azobenzene polyurethane. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 2567-2572  | 2.9 | 16 |
| 5  | Preparation, Morphology and Properties of Waterborne-Polyurethane/Silica. <i>Polymer-Plastics Technology and Engineering</i> , <b>2011</b> , 50, 498-508  |     | 26 |
| 4  | Synthesis, Photochromism, and Optical Property of a Polymer Containing a Push-Pull Electronic Structure Chromophore and Chirality Skeleton. <i>International Journal of Polymer Analysis and Characterization</i> , <b>2011</b> , 16, 36-48 | 1.7 | 8  |
| 3  | Optically Active Polyurethane Containing Asymmetric Center: Preparation, Characterization and Thermo-Optic Properties. <i>Polymer-Plastics Technology and Engineering</i> , <b>2010</b> , 49, 1521-1526                                     |     | 12 |
| 2  | Synthesis, characterization, and thermo-optical properties of azobenzene polyurethane containing chiral units. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 115, 146-151   | 2.9 | 15 |
| 1  | Functionalized brick slag particles with superhydrophobicity for thermal management applications. <i>Journal of Dispersion Science and Technology</i> , 1-9   | 1.5 |    |