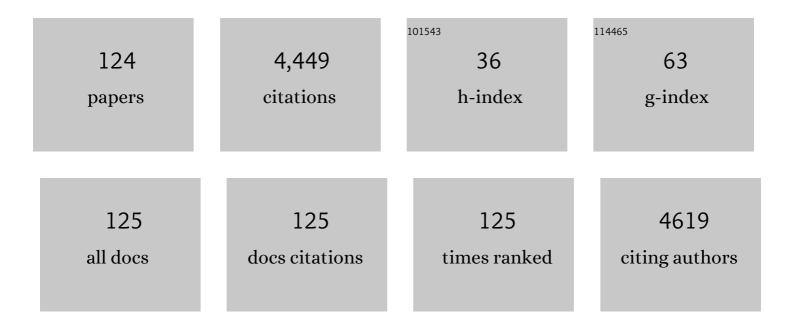
## Xiaogong Wang

List of Publications by Year in descending order

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| #  | Article                                                                                                                                                                                                       | IF   | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Laserâ€Induced Transitions of Azo Molecular Glass Pillar Arrays: A New Way to Fabricate Periodic<br>Complex Surface Patterns upon Linearly Polarized Radiation. Advanced Optical Materials, 2022, 10, .       | 7.3  | 3         |
| 2  | Directional mass transfer of azo molecular glass microsphere induced by polarized light in aqueous immersion media. RSC Advances, 2021, 11, 15387-15399.                                                      | 3.6  | 2         |
| 3  | Highly Sensitive Diffraction Grating of Hydrogels as Sensors for Carbon Dioxide Detection. Industrial<br>& Engineering Chemistry Research, 2021, 60, 4639-4649.                                               | 3.7  | 19        |
| 4  | Topographical transition of submicron pillar array of azo molecular glass induced by circularly polarized light. Scientific Reports, 2021, 11, 7327.                                                          | 3.3  | 2         |
| 5  | Azo Molecular Glass Patterning from Chiral Submicron Pillar Array to Selfâ€Organized Topographic<br>Transition via Irradiation with Circularly Polarized Light. Advanced Optical Materials, 2021, 9, 2100922. | 7.3  | 3         |
| 6  | Triphasic Polymer Particles Assembled via Microphase Separation with Multiple Functions. Langmuir, 2021, 37, 11818-11834.                                                                                     | 3.5  | 0         |
| 7  | Comparative study of photoinduced surface-relief-gratings on azo polymer and azo molecular glass films. RSC Advances, 2021, 11, 34766-34778.                                                                  | 3.6  | 5         |
| 8  | Photoinduced mass transfer of azo polymers from micrometer to submillimeter studied by a real-time single particle strategy. Soft Matter, 2020, 16, 9746-9757.                                                | 2.7  | 1         |
| 9  | Multifunctional Janus Particles Composed of Azo Polymer and Pyrene-Containing Polymer. Langmuir, 2020, 36, 3159-3173.                                                                                         | 3.5  | 11        |
| 10 | Superhydrophobic lotus-leaf-like surface made from reduced graphene oxide through soft-lithographic duplication. RSC Advances, 2020, 10, 5478-5486.                                                           | 3.6  | 33        |
| 11 | Mussel-like Surface Adhesion and Photoinduced Cooperative Deformation of Janus Particles.<br>Langmuir, 2020, 36, 14372-14385.                                                                                 | 3.5  | 3         |
| 12 | Moiré Polarization Interference Photolithography Based on AZO Molecular Glass Pillar Array for<br>Hierarchical Surface Patterning. Advanced Optical Materials, 2019, 7, 1900846.                              | 7.3  | 4         |
| 13 | Epoxy-based azo molecular glasses with four-arm architecture: Preparation, characterization and holographic recording. Chinese Chemical Letters, 2019, 30, 942-948.                                           | 9.0  | 4         |
| 14 | A Dynamic Graphene Oxide Network Enables Spray Printing of Colloidal Gels for Highâ€Performance<br>Microâ€Supercapacitors. Advanced Materials, 2019, 31, e1804434.                                            | 21.0 | 54        |
| 15 | Direct 3D printing of a graphene oxide hydrogel for fabrication of a high areal specific capacitance microsupercapacitor. RSC Advances, 2019, 9, 29384-29395.                                                 | 3.6  | 64        |
| 16 | Asymmetric Morphology Transformation of Azo Molecular Glass Microspheres Induced by Polarized<br>Light. Langmuir, 2019, 35, 15295-15305.                                                                      | 3.5  | 7         |
| 17 | Symmetryâ€Breaking Response of Azo Molecular Glass Microspheres to Interfering Circularly Polarized<br>Light: From Shape Manipulation to 3D Patterning. Advanced Functional Materials, 2019, 29, 1806703.     | 14.9 | 5         |
| 18 | Rolling up graphene oxide sheets through solvent-induced self-assembly in dispersions. Nanoscale, 2018–10, 4113-4122                                                                                          | 5.6  | 25        |

| #  | Article                                                                                                                                                                                                                    | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Formation of Graphene Oxide Nanoscrolls in Organic Solvents: Toward Scalable Device Fabrication.<br>ACS Applied Nano Materials, 2018, 1, 686-697.                                                                          | 5.0  | 18        |
| 20 | Holographic Recording and Hierarchical Surface Patterning on Periodic Submicrometer Pillar Arrays<br>of Azo Molecular Glass via Polarized Light Irradiation. Advanced Functional Materials, 2018, 28,<br>1802506.          | 14.9 | 22        |
| 21 | Shaping monodispersed azo molecular glass microspheres using polarized light. Soft Matter, 2018, 14, 5847-5855.                                                                                                            | 2.7  | 11        |
| 22 | Azopyridineâ€Containing Threeâ€arm Star Compounds with Aggregationâ€induced Fluorescence. Chemistry -<br>an Asian Journal, 2018, 13, 2781-2785.                                                                            | 3.3  | 10        |
| 23 | Transition of Graphene Oxide from Nanomembrane to Nanoscroll Mediated by Organic Solvent in<br>Dispersion. Chemistry of Materials, 2018, 30, 5951-5960.                                                                    | 6.7  | 20        |
| 24 | Coupling of Photoinduced Mass Immigration with Polymer Networks to Produce Nanostructured<br>Materials Capable of Reversibly Creating Arbitrary Deformations. Macromolecular Chemistry and<br>Physics, 2018, 219, 1800113. | 2.2  | 3         |
| 25 | Microspheres of polyurethanes functionalized with push-pull type azo chromophores and their photoinduced deformation behavior. Polymer, 2017, 111, 229-238.                                                                | 3.8  | 8         |
| 26 | Photodeformable Microspheres from Methacrylateâ€Based Azo Homopolymers. Macromolecular<br>Chemistry and Physics, 2017, 218, 1700020.                                                                                       | 2.2  | 6         |
| 27 | Hierarchical porous graphene film: An ideal material for laser-carving fabrication of flexible micro-supercapacitors with high specific capacitance. Carbon, 2017, 125, 308-317.                                           | 10.3 | 47        |
| 28 | Janus and Strawberry-like Particles from Azo Molecular Glass and Polydimethylsiloxane Oligomer.<br>Langmuir, 2017, 33, 10645-10654.                                                                                        | 3.5  | 15        |
| 29 | Azo Polymers. Soft and Biological Matter, 2017, , .                                                                                                                                                                        | 0.3  | 39        |
| 30 | Fabrication of fluorescent surface relief patterns using AIE polymer through a soft lithographic approach. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 1838-1845.                                       | 2.1  | 8         |
| 31 | Azo Polymer Janus Particles Possessing Photodeformable and Magneticâ€Fieldâ€Responsive Dual<br>Functions. Chemistry - an Asian Journal, 2016, 11, 2130-2134.                                                               | 3.3  | 8         |
| 32 | Photodeformable microspheres from an azo molecule containing a 1,4,3,6-dianhydrosorbitol core and cinnamate peripheral groups. RSC Advances, 2016, 6, 64203-64207.                                                         | 3.6  | 7         |
| 33 | Self-assembly of homopolymers through strong dipole–dipole interaction in their aqueous solutions.<br>Polymer, 2016, 97, 1-10.                                                                                             | 3.8  | 14        |
| 34 | Azoâ€Polymer Janus Particles Assembled by Solventâ€Induced Microphase Separation and Their<br>Photoresponsive Behavior. Chemistry - an Asian Journal, 2016, 11, 3443-3448.                                                 | 3.3  | 4         |
| 35 | Photocleavable amphiphilic diblock copolymer with an azobenzene linkage. RSC Advances, 2016, 6, 57227-57231.                                                                                                               | 3.6  | 13        |
| 36 | Steady shear viscosity and oscillatory complex viscosity of poly(p-phenylene terephthalamide) solutions in sulfuric acid. Rheologica Acta, 2016, 55, 257-266.                                                              | 2.4  | 4         |

| #  | Article                                                                                                                                                                                                                                      | IF   | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | Ultratough cellular films from graphene oxide hydrogel: A way to exploit rigidity and flexibility of two-dimensional honeycomb carbon. Carbon, 2016, 107, 548-556.                                                                           | 10.3 | 18        |
| 38 | Azo Polymer Microspheres with Photoâ€Manipulated Surface and Topographic Structure.<br>Macromolecular Chemistry and Physics, 2016, 217, 765-772.                                                                                             | 2.2  | 12        |
| 39 | Azo Polymer Janus Particles and Their Photoinduced, Symmetry-Breaking Deformation. ACS Macro Letters, 2016, 5, 234-237.                                                                                                                      | 4.8  | 37        |
| 40 | Photoswitchable aggregation-induced emission polymer containing dithienylethene and tetraphenylethene moieties. RSC Advances, 2016, 6, 12647-12651.                                                                                          | 3.6  | 20        |
| 41 | Mechanically Tough Largeâ€Area Hierarchical Porous Graphene Films for Highâ€Performance Flexible<br>Supercapacitor Applications. Advanced Materials, 2015, 27, 4469-4475.                                                                    | 21.0 | 277       |
| 42 | Photoinduced deformation behavior of a series of newly synthesized epoxy-based polymers bearing push–pull azo chromophores. Polymer, 2015, 60, 292-301.                                                                                      | 3.8  | 23        |
| 43 | Synthesis of Y-shaped amphiphilic copolymers by macromolecular azo coupling reaction. RSC Advances, 2015, 5, 9476-9481.                                                                                                                      | 3.6  | 23        |
| 44 | Fast Photoinduced Large Deformation of Colloidal Spheres from a Novel 4-arm Azobenzene<br>Compound. ACS Applied Materials & Interfaces, 2015, 7, 16889-16895.                                                                                | 8.0  | 74        |
| 45 | Ternary composites of linear and hyperbranched polyimides with nanoscale silica for low dielectric constant, high transparency, and high thermal stability. RSC Advances, 2015, 5, 40046-40054.                                              | 3.6  | 16        |
| 46 | Reduced graphene oxide diffraction gratings from duplication of photoinduced azo polymer<br>surface-relief-gratings through soft-lithography. Journal of Materials Chemistry C, 2015, 3, 6224-6231.                                          | 5.5  | 12        |
| 47 | Reversible and Rapid Laser Actuation of Liquid Crystalline Elastomer Micropillars with Inclusion of<br>Gold Nanoparticles. Advanced Functional Materials, 2015, 25, 3022-3032.                                                               | 14.9 | 107       |
| 48 | Flexible, Highly Durable, and Thermally Stable SWCNT/Polyimide Transparent Electrodes. ACS Applied<br>Materials & Interfaces, 2015, 7, 20865-20874.                                                                                          | 8.0  | 26        |
| 49 | Liquid-crystalline compounds containing both a strong push–pull azo chromophore and a<br>cholesteryl unit as photoresponsive molecular glass materials. Journal of Materials Chemistry C,<br>2015, 3, 10925-10933.                           | 5.5  | 14        |
| 50 | Highly dispersible ternary composites with high transparency and ultra low dielectric constants<br>based on hyperbranched polyimide with organosilane termini and cross-linked polyimide with silica.<br>RSC Advances, 2015, 5, 98419-98428. | 3.6  | 12        |
| 51 | Diblock copolymers composed of a liquid crystalline azo block and a poly(dimethylsiloxane) block:<br>synthesis, morphology and photoresponsive properties. RSC Advances, 2014, 4, 58386-58396.                                               | 3.6  | 18        |
| 52 | Distortion and flow of nematics simulated by dissipative particle dynamics. Journal of Chemical Physics, 2014, 140, 184902.                                                                                                                  | 3.0  | 4         |
| 53 | Hydrogel diffraction gratings functionalized with crown ether for heavy metal ion detection.<br>Sensors and Actuators B: Chemical, 2014, 193, 413-419.                                                                                       | 7.8  | 29        |
| 54 | Hybrid ternary composites of hyperbranched and linear polyimides with SiO <sub>2</sub> : a research for low dielectric constant and optimized properties. RSC Advances, 2014, 4, 42737-42746.                                                | 3.6  | 18        |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | Low dielectric and thermally stable hybrid ternary composites of hyperbranched and linear polyimides with SiO2. RSC Advances, 2014, 4, 27267.                                                                          | 3.6  | 34        |
| 56 | Self-Assembled Multilayer Films of Sulfonated Graphene and Polystyrene-Based Diazonium Salt as<br>Photo-Cross-Linkable Supercapacitor Electrodes. Langmuir, 2014, 30, 522-532.                                         | 3.5  | 46        |
| 57 | A self-assembled macroporous coagulation graphene network with high specific capacitance for supercapacitor applications. Journal of Materials Chemistry A, 2014, 2, 19141-19144.                                      | 10.3 | 48        |
| 58 | Synthesis and photoresponsive properties of two liquid crystalline polymers bearing branched azobenzene-containing side chains. Polymer Chemistry, 2013, 4, 5108.                                                      | 3.9  | 13        |
| 59 | Three-arm star compounds composed of 1,3,5-tri(azobenzeneethynyl)benzene cores and flexible PEO<br>arms: synthesis, optical functions, hybrid Ormosil gel glasses. Journal of Materials Chemistry C, 2013,<br>1, 1791. | 5.5  | 23        |
| 60 | Amphiphilic azo polymers: Molecular engineering, self-assembly and photoresponsive properties.<br>Progress in Polymer Science, 2013, 38, 271-301.                                                                      | 24.7 | 213       |
| 61 | Star-shaped molecules containing both azo chromophores and carbazole units as a new type of photoresponsive amorphous material. Journal of Materials Chemistry C, 2013, 1, 3794.                                       | 5.5  | 7         |
| 62 | Microstructured Nematic Liquid Crystalline Elastomer Surfaces with Switchable Wetting Properties.<br>Advanced Functional Materials, 2013, 23, 3070-3076.                                                               | 14.9 | 63        |
| 63 | Aptamer-functionalized hydrogel diffraction gratings for the human thrombin detection. Chemical Communications, 2013, 49, 5957.                                                                                        | 4.1  | 43        |
| 64 | Synthesis of block copolymersvia the combination of RAFT and a macromolecular azo coupling reaction. Polymer Chemistry, 2013, 4, 402-406.                                                                              | 3.9  | 38        |
| 65 | Synthesis of Hyperbranched Azo-polymer-grafted Graphene Oxide Hybrid. Chemistry Letters, 2012, 41, 430-431.                                                                                                            | 1.3  | 4         |
| 66 | Photoinduced orientation in nunchaku-like azo molecular glass studied by birefringence characterization and FT-IR spectroscopy. Journal of Materials Chemistry, 2012, 22, 7614.                                        | 6.7  | 10        |
| 67 | Photoinduced orientation and cooperative motion of three epoxy-based azo polymers. Polymer Bulletin, 2012, 68, 1731-1746.                                                                                              | 3.3  | 18        |
| 68 | Photoinduced Self-Structured Surface Pattern on a Molecular Azo Glass Film: Structure–Property<br>Relationship and Wavelength Correlation. Langmuir, 2011, 27, 12666-12676.                                            | 3.5  | 30        |
| 69 | Micron-sized liquid crystalline elastomer actuators. Soft Matter, 2011, 7, 815-823.                                                                                                                                    | 2.7  | 120       |
| 70 | Hollow microspheres of amphiphilic azo homopolymers: self-assembly and photoinduced deformation behavior. Chemical Communications, 2011, 47, 4757.                                                                     | 4.1  | 57        |
| 71 | Fractal Structures from Amphiphilic Random Azo Copolymer. Macromolecules, 2011, 44, 8598-8606.                                                                                                                         | 4.8  | 15        |
| 72 | Self-Structured Surface Patterns on Epoxy-Based Azo Polymer Films Induced by Laser Light Irradiation.<br>Macromolecules, 2011, 44, 6856-6867.                                                                          | 4.8  | 39        |

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|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Graphene Functionalized with Azo Polymer Brushes: Surfaceâ€Initiated Polymerization and Photoresponsive Properties. Advanced Materials, 2011, 23, 1122-1125.                                                                    | 21.0 | 116       |
| 74 | Epoxy-based polymers functionalized with bisazo chromophores: Synthesis, characterization and photoresponsive behavior. Polymer, 2011, 52, 3344-3356.                                                                           | 3.8  | 24        |
| 75 | Sensing Diffraction Gratings of Antigenâ€Responsive Hydrogel for Human Immunoglobulinâ€G Detection.<br>Macromolecular Rapid Communications, 2010, 31, 1332-1336.                                                                | 3.9  | 24        |
| 76 | Influence of chromophoric electron-withdrawing groups on photoinduced deformation of azo polymer colloids. Polymer, 2010, 51, 2879-2886.                                                                                        | 3.8  | 23        |
| 77 | Glucose sensing through diffraction grating of hydrogel bearing phenylboronic acid groups.<br>Biosensors and Bioelectronics, 2010, 26, 772-777.                                                                                 | 10.1 | 65        |
| 78 | Self-Structured Surface Patterns on Molecular Azo Glass Films Induced by Laser Light Irradiation.<br>Langmuir, 2010, 26, 6755-6761.                                                                                             | 3.5  | 27        |
| 79 | Epoxy-based Polymer Containing Imidazole-type Azo Chromophores for Integrated Waveguide<br>Applications. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 1167-1171.                                   | 2.2  | 1         |
| 80 | Diffraction grating of hydrogel functionalized with glucose oxidase for glucose detection. Chemical Communications, 2010, 46, 3872.                                                                                             | 4.1  | 35        |
| 81 | Nunchaku-like molecules containing both an azo chromophore and a biphenylene unit as a new type of<br>high-sensitivity photo-storage material. Journal of Materials Chemistry, 2010, 20, 10680.                                 | 6.7  | 21        |
| 82 | HOMOLYTIC <font>C</font> – <font>H</font> BOND DISSOCIATION ENERGIES OF HTPB BINDER NETWORK.<br>Journal of Theoretical and Computational Chemistry, 2009, 08, 519-528.                                                          | 1.8  | 3         |
| 83 | Size-Dependent Light-Driven Effect Observed for Azo Polymer Colloidal Spheres with Different<br>Average Diameters. Langmuir, 2009, 25, 5974-5979.                                                                               | 3.5  | 33        |
| 84 | Light-responsive wires from side-on liquid crystalline azo polymers. Liquid Crystals, 2009, 36, 1023-1029.                                                                                                                      | 2.2  | 56        |
| 85 | Preparation and Antibacterial Function of Quaternary Ammonium Salts Grafted Cellulose Fiber<br>Initiated by Fe2 +-H2O2Redox. Journal of Macromolecular Science - Pure and Applied Chemistry, 2009,<br>46, 560-565.              | 2.2  | 4         |
| 86 | Effect of dipping solution pH values on electrostatic layer-by-layer self-assembly of side-chain azo<br>polyelectrolyte. Frontiers of Chemistry in China: Selected Publications From Chinese Universities,<br>2008, 3, 218-223. | 0.4  | 2         |
| 87 | Hyperbranched azo polyurethane synthesized through A2+B3 scheme. Frontiers of Chemical<br>Engineering in China, 2008, 2, 123-126.                                                                                               | 0.6  | 0         |
| 88 | Fabrication and mechanical properties of single-wall carbon nanotubes and hyperbranched diazonium salt multilayers. Frontiers of Chemical Engineering in China, 2008, 2, 286-290.                                               | 0.6  | 0         |
| 89 | Azobenzene-Containing Liquid Crystal Triblock Copolymers: Synthesis, Characterization, and Self-Assembly Behavior. Macromolecules, 2008, 41, 2459-2466.                                                                         | 4.8  | 51        |
| 90 | Amphiphilic Diblock Copolymers Functionalized with Strong Pushâ^'Pull Azo Chromophores: Synthesis<br>and Multi-Morphological Aggregation. Macromolecules, 2008, 41, 9382-9388.                                                  | 4.8  | 38        |

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|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 91  | Azo Polymer Colloidal Spheres Containing Different Amounts of Functional Groups and Their<br>Photoinduced Deformation Behavior. Langmuir, 2008, 24, 678-682.                                                                     | 3.5 | 35        |
| 92  | Photofabrication of Two-Dimensional Quasi-Crystal Patterns on UV-Curable Molecular Azo Glass<br>Films. Langmuir, 2008, 24, 2740-2745.                                                                                            | 3.5 | 66        |
| 93  | Preparation and Characterization of Polyimide/Fluorinated Silicate Nano-hybrid Thin Films with Low<br>Refractive Indices. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi],<br>2008, 21, 143-150.      | 0.3 | 8         |
| 94  | Azo Polymer Microspherical Cap Array:  Soft-Lithographic Fabrication and Photoinduced Shape<br>Deformation Behavior. Langmuir, 2007, 23, 11266-11272.                                                                            | 3.5 | 31        |
| 95  | Azobenzene-Containing Supramolecular Polymer Films for Laser-Induced Surface Relief Gratings.<br>Chemistry of Materials, 2007, 19, 14-17.                                                                                        | 6.7 | 93        |
| 96  | Hybrid Colloids Composed of Two Amphiphilic Azo Polymers:  Fabrication, Characterization, and<br>Photoresponsive Properties. Macromolecules, 2007, 40, 6669-6678.                                                                | 4.8 | 37        |
| 97  | Azobenzene-Containing Supramolecular Side-Chain Polymer Films for Laser-Induced Surface Relief<br>Gratings. Chemistry of Materials, 2007, 19, 3877-3881.                                                                         | 6.7 | 105       |
| 98  | Synthesis of Aminoazobenzeneâ€Containing Diblock Copolymer and Photoinduced Deformation<br>Behavior of its Micelleâ€Like Aggregates. Macromolecular Rapid Communications, 2007, 28, 2237-2243.                                   | 3.9 | 49        |
| 99  | Photoinduced dichroism and surface-relief-gratings of hyperbranched azo polymers synthesized by azo-coupling reaction. Frontiers of Chemical Engineering in China, 2007, 1, 360-364.                                             | 0.6 | 2         |
| 100 | Preparation of FePt magnetic nanodot arrays by nanosphere lithography. Science Bulletin, 2007, 52,<br>1125-1128.                                                                                                                 | 1.7 | 6         |
| 101 | Polyimide liquid crystal alignment layers prepared by soft-lithography. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2007, 2, 318-321.                                                      | 0.4 | 2         |
| 102 | Duplication of Photoinduced Azo Polymer Surface-Relief Gratings through a Soft Lithographic<br>Approach. Langmuir, 2006, 22, 7405-7410.                                                                                          | 3.5 | 56        |
| 103 | Formation of Photoresponsive Uniform Colloidal Spheres from an Amphiphilic<br>Azobenzene-Containing Random Copolymer. Macromolecules, 2006, 39, 1108-1115.                                                                       | 4.8 | 110       |
| 104 | Colloidal Sphere Formation, H-Aggregation, and Photoresponsive Properties of an Amphiphilic<br>Random Copolymer Bearing Branched Azo Side Chains. Macromolecules, 2006, 39, 6590-6598.                                           | 4.8 | 78        |
| 105 | Stretching Effect of Linearly Polarized Ar+Laser Single-Beam on Azo Polymer Colloidal Spheres.<br>Langmuir, 2006, 22, 2288-2291.                                                                                                 | 3.5 | 84        |
| 106 | Preparation of azo polyelectrolyte self-assembled multilayers by using N,N-dimethylformamide/H2O<br>mixtures as solvents. Frontiers of Chemistry in China: Selected Publications From Chinese<br>Universities, 2006, 1, 329-333. | 0.4 | 1         |
| 107 | Fabricating Super-Hydrophobic Lotus-Leaf-Like Surfaces through Soft-Lithographic Imprinting.<br>Macromolecular Rapid Communications, 2006, 27, 1859-1864.                                                                        | 3.9 | 129       |
| 108 | Fabricating Water-Insoluble Polyelectrolyte into Multilayers with Layer-by-layer Self-assembly.<br>Polymer Bulletin, 2005, 54, 427-433.                                                                                          | 3.3 | 19        |

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|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 109 | Hyperbranched Azo-Polymers Synthesized by Azo-Coupling Reaction of an AB2Monomer and Postpolymerization Modification. Macromolecules, 2005, 38, 8657-8663.                                                                      | 4.8  | 86        |
| 110 | Photoinduced Deformation of Amphiphilic Azo Polymer Colloidal Spheres. Journal of the American Chemical Society, 2005, 127, 2402-2403.                                                                                          | 13.7 | 264       |
| 111 | Sequentially Adsorbed Electrostatic Multilayers of Branched Side-Chain Polyelectrolytes Bearing Donorâ^Acceptor Type Azo Chromophores. Macromolecules, 2004, 37, 135-146.                                                       | 4.8  | 48        |
| 112 | Synthesis and electroluminescence properties of a novel poly(paraphenylene vinylene)-based<br>copolymer with tri(ethylene oxide) segments on the backbone. Journal of Applied Polymer Science,<br>2002, 83, 2195-2200.          | 2.6  | 6         |
| 113 | A novel hyperbranched polyester functionalized with azo chromophore: synthesis and photoresponsive properties. Polymer Bulletin, 2002, 49, 1-8.                                                                                 | 3.3  | 25        |
| 114 | Preparation of temperature-sensitive polymer films by surface photografting techniques. Polymers for Advanced Technologies, 2002, 13, 239-241.                                                                                  | 3.2  | 7         |
| 115 | A novel polyurethane-modified poly(N-isopropylacrylamide) hydrogels. Polymers for Advanced<br>Technologies, 2002, 13, 242-246.                                                                                                  | 3.2  | 6         |
| 116 | Epoxy-based azo polymers: synthesis, characterization and photoinduced surface-relief-gratings.<br>Polymer, 2002, 43, 7325-7333.                                                                                                | 3.8  | 104       |
| 117 | Synthesis, Photoresponsive Behavior, and Self-Assembly of Poly(acrylic acid)-Based Azo<br>Polyelectrolytes. Macromolecules, 2001, 34, 8005-8013.                                                                                | 4.8  | 89        |
| 118 | Synthesis and characterization of a novel kind of thermotropic liquid crystalline poly(urea-ester)s<br>based on bis(4?-hydroxyphenyl)-tolyene-2,4-diurea. Journal of Applied Polymer Science, 2001, 82, 577-583.                | 2.6  | 5         |
| 119 | Azo Chromophore-Functionalized Polyelectrolytes. 1. Synthesis, Characterization, and Photoprocessing. Chemistry of Materials, 1998, 10, 1546-1553.                                                                              | 6.7  | 67        |
| 120 | Heteroaromatic Chromophore Functionalized Epoxy-Based Nonlinear Optical Polymers.<br>Macromolecules, 1998, 31, 4126-4134.                                                                                                       | 4.8  | 46        |
| 121 | Sequence Structure and Thermotropic Liquid Crystalline Properties of Aromatic-Aliphatic<br>Polyesteramides Based on Dimethylbenzidine, Hexamethylene Glycol and p-Terephthalyl Chloride.<br>Polymer Journal, 1998, 30, 123-124. | 2.7  | Ο         |
| 122 | Epoxy-Based Nonlinear Optical Polymers from Post Azo Coupling Reaction. Macromolecules, 1997, 30, 219-225.                                                                                                                      | 4.8  | 172       |
| 123 | Title is missing!. Die Makromolekulare Chemie, 1988, 189, 1845-1854.                                                                                                                                                            | 1.1  | 24        |
| 124 | Azo Polymer Colloidal Spheres: Formation, Two-Dimensional Array, and Photoresponsive Properties. ,<br>0, , 177-213.                                                                                                             |      | 1         |