

Im Sik Chung

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11234347/publications.pdf>

Version: 2024-02-01

33
papers

1,404
citations

430874

18
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1563
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Metallic nickel supported on mesoporous silica as catalyst for hydrodeoxygenation: effect of pore size and structure. <i>Research on Chemical Intermediates</i> , 2018, 44, 3723-3735. | 2.7 | 16 |
| 2 | Poly(amide-imide) materials for transparent and flexible displays. <i>Science Advances</i> , 2018, 4, eaau1956. | 10.3 | 57 |
| 3 | New soluble polyamides and polyimides containing polar functional groups: pendent pyrazole rings with amino and cyano groups. <i>Designed Monomers and Polymers</i> , 2016, 19, 227-235. | 1.6 | 6 |
| 4 | Rigid-Rod Polyamides from 3,3'-bis(trifluoromethyl)-4,4'-diaminodiphenyl. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1341-1347. | 2.2 | 5 |
| 5 | Soluble para-linked aromatic polyamides with pendent groups. <i>Macromolecular Research</i> , 2015, 23, 838-843. | 2.4 | 8 |
| 6 | Unprecedented Lower Critical Solution Temperature Behavior of Polyimides in Organic Media. <i>Macromolecules</i> , 2014, 47, 8846-8849. | 4.8 | 13 |
| 7 | Bovine Serum Albumin as an Effective Surface Regulating Biopolymer for Morphology Control of Gold Polyhedrons. <i>Crystal Growth and Design</i> , 2013, 13, 4131-4137. | 3.0 | 11 |
| 8 | Soluble polyimides with trifluoromethyl pendent groups. <i>Polymer</i> , 2013, 54, 5648-5654. | 3.8 | 75 |
| 9 | Poly(ethylene glycol)- and Carboxylate-Functionalized Gold Nanoparticles Using Polymer Linkages: Single-Step Synthesis, High Stability, and Plasmonic Detection of Proteins. <i>Langmuir</i> , 2013, 29, 13518-13526. | 3.5 | 24 |
| 10 | Soluble and transparent polyimides from unsymmetrical diamine containing two trifluoromethyl groups. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4413-4422. | 2.3 | 70 |
| 11 | Poly(arylene ether)s with Low Refractive Indices: Poly(biphenylene oxide)s with Trifluoromethyl Pendant Groups via a Meta-Activated Nitro Displacement Reaction. <i>Macromolecules</i> , 2012, 45, 3023-3031. | 4.8 | 17 |
| 12 | Self-Assembled Peptide Architecture with a Tooth Shape: Folding into Shape. <i>Journal of the American Chemical Society</i> , 2011, 133, 17618-17621. | 13.7 | 70 |
| 13 | Coordination Power Adjustment of Surface-Regulating Polymers for Shaping Gold Polyhedral Nanocrystals. <i>Chemistry - A European Journal</i> , 2011, 17, 8466-8471. | 3.3 | 15 |
| 14 | Unprecedented Molecular Architectures by the Controlled Self-Assembly of a Peptide Foldamer. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8232-8236. | 13.8 | 79 |
| 15 | Poly(arylene ether)s with trifluoromethyl groups via meta-activated nitro displacement reaction. <i>Polymer</i> , 2010, 51, 4477-4483. | 3.8 | 10 |
| 16 | A Facile One-Pot Synthesis of Hydroxyl-Functionalized Gold Polyhedrons by a Surface Regulating Copolymer. <i>Chemistry of Materials</i> , 2009, 21, 939-944. | 6.7 | 19 |
| 17 | Shape auxiliary approach for carboxylate-functionalized gold nanocrystals. <i>Chemical Communications</i> , 2009, , 1276. | 4.1 | 4 |
| 18 | Soluble polyimides from unsymmetrical diamine containing benzimidazole ring and trifluoromethyl pendent group. <i>Polymer</i> , 2008, 49, 2644-2649. | 3.8 | 92 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Shape Adjustment between Multiply Twinned and Single-Crystalline Polyhedral Gold Nanocrystals: Decahedra, Icosahedra, and Truncated Tetrahedra. <i>Journal of Physical Chemistry C</i> , 2008, 112, 2469-2475. | 3.1 | 232 |
| 20 | Soluble rigid rod-like polyimides and polyamides containing curable pendent groups. <i>Polymer</i> , 2005, 46, 3992-4004. | 3.8 | 26 |
| 21 | Structure and Properties of Poly(butyl acrylate-block-sulfone-block-butyl acrylate) Triblock Copolymers Prepared by ATRP. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 33-42. | 2.2 | 37 |
| 22 | Synthesis of Poly(phenylene oxide) Containing Trifluoromethyl Groups via Selective and Sequential Nucleophilic Aromatic Substitution Reaction. <i>Macromolecules</i> , 2003, 36, 3809-3811. | 4.8 | 25 |
| 23 | Synthesis of Degradable Poly(methyl methacrylate) via ATRP: Atom Transfer Radical Ring-Opening Copolymerization of 5-Methylene-2-phenyl-1,3-dioxolan-4-one and Methyl Methacrylate. <i>Macromolecules</i> , 2003, 36, 2995-2998. | 4.8 | 52 |
| 24 | Soluble Polyimides Containing Benzimidazole Rings for Interlevel Dielectrics. <i>Chemistry of Materials</i> , 2001, 13, 2801-2806. | 6.7 | 119 |
| 25 | Meta-Activated Nucleophilic Aromatic Substitution Reaction: Poly(biphenylene oxide)s with Trifluoromethyl Pendent Groups via Nitro Displacement. <i>Journal of the American Chemical Society</i> , 2001, 123, 11071-11072. | 13.7 | 45 |
| 26 | Synthesis and Characterization of Polyimides from Unsymmetrical Diamine with Cyano Groups. <i>Polymer Journal</i> , 2001, 33, 284-289. | 2.7 | 14 |
| 27 | Poly(arylene ether)s via Nitro Displacement Reaction: Synthesis of Poly(biphenylene oxide)s Containing Trifluoromethyl Groups from AB Type Monomers. <i>Macromolecules</i> , 2000, 33, 9474-9476. | 4.8 | 25 |
| 28 | Soluble Polyimides from Unsymmetrical Diamine with Trifluoromethyl Pendent Group. <i>Macromolecules</i> , 2000, 33, 3190-3193. | 4.8 | 187 |
| 29 | Synthesis and characterization of aromatic poly(ether sulfone)s with pendent benzoyl groups. <i>Polymer Bulletin</i> , 1998, 41, 631-637. | 3.3 | 5 |
| 30 | Wholly Aromatic Polyimides Containing Pendent Amino and Cyano Groups. <i>Macromolecules</i> , 1998, 31, 5920-5923. | 4.8 | 25 |
| 31 | Synthesis and characterization of poly(amide imides) containing benzimidazole-rings. <i>Polymer Bulletin</i> , 1997, 38, 627-634. | 3.3 | 14 |
| 32 | Synthesis and characterization of wholly aromatic polyamides containing pendent amino and cyano groups. <i>Polymer Bulletin</i> , 1997, 38, 635-642. | 3.3 | 7 |
| 33 | Synthesis and Properties of Fluorinated Polyimides from Rigid and Twisted Bis(Trifluoromethyl)Benzidine for Flexible Electronics. , 0, , . | | 0 |