

Im Sik Chung

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Soluble Polyimides from Unsymmetrical Diamine with Trifluoromethyl Pendent Group. <i>Macromolecules</i> , 2000, 33, 3190-3193.	4.8	187
3	Soluble Polyimides Containing Benzimidazole Rings for Interlevel Dielectrics. <i>Chemistry of Materials</i> , 2001, 13, 2801-2806.	6.7	119
4	Soluble polyimides from unsymmetrical diamine containing benzimidazole ring and trifluoromethyl pendent group. <i>Polymer</i> , 2008, 49, 2644-2649.	3.8	92
5	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
6	Soluble polyimides with trifluoromethyl pendent groups. <i>Polymer</i> , 2013, 54, 5648-5654.	3.8	75
7	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
8	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
9	Poly(amide-imide) materials for transparent and flexible displays. <i>Science Advances</i> , 2018, 4, eaau1956.	10.3	57
10	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
11	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
12	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
13	Soluble rigid rod-like polyimides and polyamides containing curable pendent groups. <i>Polymer</i> , 2005, 46, 3992-4004.	3.8	26
14	Wholly Aromatic Polyimides Containing Pendent Amino and Cyano Groups. <i>Macromolecules</i> , 1998, 31, 5920-5923.	4.8	25
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	Synthesis and characterization of poly(amide imides) containing benzimidazole-rings. <i>Polymer Bulletin</i> , 1997, 38, 627-634.	3.3	14
23	Synthesis and Characterization of Polyimides from Unsymmetrical Diamine with Cyano Groups. <i>Polymer Journal</i> , 2001, 33, 284-289.	2.7	14
24	Unprecedented Lower Critical Solution Temperature Behavior of Polyimides in Organic Media. <i>Macromolecules</i> , 2014, 47, 8846-8849.	4.8	13
25	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
26	Poly(arylene ether)s with trifluoromethyl groups via meta-activated nitro displacement reaction. <i>Polymer</i> , 2010, 51, 4477-4483.	3.8	10
27	Soluble para-linked aromatic polyamides with pendent groups. <i>Macromolecular Research</i> , 2015, 23, 838-843.	2.4	8
28	Synthesis and characterization of wholly aromatic polyamides containing pendent amino and cyano groups. <i>Polymer Bulletin</i> , 1997, 38, 635-642.	3.3	7
29	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
30	Synthesis and characterization of aromatic poly(ether sulfone)s with pendent benzoyl groups. <i>Polymer Bulletin</i> , 1998, 41, 631-637.	3.3	5
31	Rigid-Rod Polyamides from 3,3'-bis(trifluoromethyl)-4,4'-diaminobiphenyl. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 1341-1347.	2.2	5
32	Shape auxiliary approach for carboxylate-functionalized gold nanocrystals. <i>Chemical Communications</i> , 2009, , 1276.	4.1	4
33	Synthesis and Properties of Fluorinated Polyimides from Rigid and Twisted Bis(Trifluoromethyl)Benzidine for Flexible Electronics. , 0, , .		0