

# Il Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1460109/publications.pdf>

Version: 2024-02-01

376  
papers

8,689  
citations

41258

49  
h-index

88477

70  
g-index

379  
all docs

379  
docs citations

379  
times ranked

9281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of hollow polymeric nanosphere-supported imidazolium-based ionic liquids with enhanced antimicrobial activities. <i>Nano Research</i> , 2022, 15, 5556-5568.	5.8	50
2	Recent Advances in Poly( $\beta$ -L-glutamic acid)-Based Nanomaterials for Drug Delivery. <i>Biomolecules</i> , 2022, 12, 636.	1.8	57
3	Synthetic Polypeptides with Cationic Arginine Moieties Showing High Antimicrobial Activity in Similar Mineral Environments to Blood Plasma. <i>Polymers</i> , 2022, 14, 1868.	2.0	4
4	Highly Active Heterogeneous Double Metal Cyanide Catalysts for Ring-Opening Polymerization of Cyclic Monomers. <i>Polymers</i> , 2022, 14, 2507.	2.0	9
5	Organocatalyzed chemo-selective one-pot upcycling of polyester-block-polycarbonate. <i>Polymer Degradation and Stability</i> , 2022, 203, 110053.	2.7	1
6	Functional polyesters via the regioselective ring-opening copolymerizations of norbornene anhydride with epichlorohydrin. <i>Polymer</i> , 2021, 213, 123199.	1.8	9
7	Aggregation-induced emission-active hyperbranched polymer-based nanoparticles and their biological imaging applications. <i>Dyes and Pigments</i> , 2021, 186, 108975.	2.0	17
8	Efficient Synthesis of Folate-Conjugated Hollow Polymeric Capsules for Accurate Drug Delivery to Cancer Cells. <i>Biomacromolecules</i> , 2021, 22, 732-742.	2.6	46
9	Effect of dicarbonyl complexing agents on double metal cyanide catalysts toward copolymerization of CO <sub>2</sub> and propylene oxide. <i>Catalysis Today</i> , 2021, 375, 335-342.	2.2	18
10	Effect of $\beta$ -, $\gamma$ -, $\delta$ -, and $\epsilon$ -dicarbonyl complexing agents on the double metal cyanide-catalyzed ring-opening polymerization of propylene oxide. <i>Catalysis Today</i> , 2021, 375, 429-440.	2.2	16
11	Tunable construction of biphenyl-based porous polymeric nanostructures and their synergistically enhanced performance in pollutant adsorption and energy storage. <i>Microporous and Mesoporous Materials</i> , 2021, 312, 110800.	2.2	12
12	Hardness Modulated Thermoplastic Poly(ether ester) Elastomers for the Automobile Weather-Strip Application. <i>Polymers</i> , 2021, 13, 525.	2.0	9
13	Synthesis of 3-Indole Substituted Sulfonyl 4-Hydroxy-Chromenes Using Recyclable Cyclometrix Polyphosphazene-Based Catalysts. <i>ChemistrySelect</i> , 2021, 6, 2335-2342.	0.7	6
14	Heterogeneous Double Metal Cyanide Catalyzed Synthesis of Poly( $\epsilon$ -caprolactone) Polyols for the Preparation of Thermoplastic Elastomers. <i>Catalysts</i> , 2021, 11, 1033.	1.6	6
15	Degradable pH-responsive polymer prodrug micelles with aggregation-induced emission for cellular imaging and cancer therapy. <i>Reactive and Functional Polymers</i> , 2021, 166, 104966.	2.0	15
16	Two-tailed tadpole-shaped synthetic polymer polypeptide bioconjugate nanomicelles for enhanced chemo-photothermal therapy. <i>Polymer</i> , 2021, 230, 124061.	1.8	3
17	Aggregation-induced emission-active hyperbranched polymers conjugated with tetraphenylethylene for nitroaromatic explosive detection. <i>Dyes and Pigments</i> , 2021, 194, 109617.	2.0	25
18	N-Heterocyclic Carbene-Catalyzed Random Copolymerization of N-Carboxyanhydrides of $\alpha$ -Amino Acids. <i>Polymers</i> , 2021, 13, 3674.	2.0	0

#	ARTICLE	IF	CITATIONS
19	Access to Ultra-High Molecular Weight Poly(propylene glycol)-Based Polyols Using Double Metal Cyanide Catalyt. <i>Macromolecular Research</i> , 2020, 28, 82-85.	1.0	1
20	Facile and scalable synthesis of topologically nanoengineered polypeptides with excellent antimicrobial activities. <i>Chemical Communications</i> , 2020, 56, 356-359.	2.2	27
21	Bio-based healable non-isocyanate polyurethanes driven by the cooperation of disulfide and hydrogen bonds. <i>Polymer Chemistry</i> , 2020, 11, 7524-7532.	1.9	52
22	Bio-based polyesters synthesized by ring-opening copolymerizations of eugenyl glycidyl ether and cyclic anhydrides using a binuclear [OSSO]CrCl complex. <i>Green Chemistry</i> , 2020, 22, 5742-5750.	4.6	17
23	Multistimuli-Responsive Polymeric Vesicles for Accelerated Drug Release in Chemo-photothermal Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5012-5023.	2.6	20
24	Sulfonic acid modified hollow polymer nanospheres with tunable wall-thickness for improving biodiesel synthesis efficiency. <i>Green Chemistry</i> , 2020, 22, 3572-3583.	4.6	37
25	Multi-stimuli-responsive nanomicelles fabricated using synthetic polymer polylysine conjugates for tumor microenvironment dependent drug delivery. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5745-5755.	2.9	18
26	Thermomechanical properties of poly(1-butene) synthesized by Ziegler-Natta catalyzed polymerization of 1-butene in the presence of nucleating agents. <i>Polymer International</i> , 2020, 69, 1237-1242.	1.6	1
27	Photo- and pH-Responsive Polycarbonate Block Copolymer Prodrug Nanomicelles for Controlled Release of Doxorubicin. <i>Macromolecular Bioscience</i> , 2020, 20, e2000118.	2.1	22
28	Kinetic and Mechanistic Study of Heterogeneous Double Metal Cyanide-Catalyzed Ring-Opening Multibranching Polymerization of Glycidol. <i>Macromolecules</i> , 2020, 53, 2051-2060.	2.2	19
29	Carbon Dioxide Based Poly(ether carbonate) Polyol in Bi-polyol Mixtures for Rigid Polyurethane Foams. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1160-1168.	2.4	10
30	A systematic study of hexavalent chromium adsorption and removal from aqueous environments using chemically functionalized amorphous and mesoporous silica nanoparticles. <i>Scientific Reports</i> , 2020, 10, 5558.	1.6	69
31	Chimeric poly(N-isopropylacrylamide)-b-poly(3,4-dihydroxy-L-phenylalanine) nanocarriers for temperature/pH dual-stimuli-responsive theranostic application. <i>Reactive and Functional Polymers</i> , 2020, 152, 104595.	2.0	10
32	Poly(N-isopropylacrylamide)-b-Poly(L-lysine)-b-Poly(L-histidine) Triblock Amphiphilic Copolymer Nanomicelles for Dual-Responsive Anticancer Drug Delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6959-6967.	0.9	2
33	Nano Aggregate Formation Through Self-Assembly of Poly(L-lysine)-Block-Poly(3-benzyl-L-glutamate)-Graft-Poly(ethylene glycol) Copolymer. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 6968-6974.	0.9	1
34	Alkoxy-Substituted Dicyclopentadienedichloropalladium(II) Complexes for the Vinyl Polymerization of 5-Ethylidene-2-Norbornene. <i>Macromolecular Research</i> , 2019, 27, 926-929.	1.0	1
35	pH-Responsive Polypeptide-Based Smart Nano-Carriers for Theranostic Applications. <i>Molecules</i> , 2019, 24, 2961.	1.7	33
36	Guided Assembly of Well-Defined Hierarchical Nanoporous Polymers by Lewis Acid-Base Interactions. <i>ACS Nano</i> , 2019, 13, 11753-11769.	7.3	47

#	ARTICLE	IF	CITATIONS
37	Acylation of Phenols, Alcohols, Thiols, Amines and Aldehydes Using Sulfonic Acid Functionalized Hyper-Cross-Linked Poly(2-naphthol) as a Solid Acid Catalyst. <i>Catalysis Letters</i> , 2019, 149, 2696-2705.	1.4	12
38	Mussel-Inspired Poly(3,4-dihydroxy-L-phenylalanine)-Block-Poly( $\beta$ -benzyl-L-glutamate) Bioconjugate-Assisted Green Synthesis of Silver Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6559-6564.	0.9	1
39	CaO-Nanoparticle-Enriched Polydopamine-Coated Hyper-Crosslinked Polymers as Heterogeneous Catalysts for the Transesterification of Vegetable Oils. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6341-6346.	0.9	2
40	Highly efficient synthesis of pyrazolyolphosphonate derivatives in biocompatible deep eutectic solvent. <i>Molecular Catalysis</i> , 2019, 473, 110396.	1.0	9
41	Palladium Nanoparticle-Decorated Porous Carbon Nanoflakes as High-Activity Catalyst for Electrooxidation of Alcohol. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 6352-6357.	0.9	2
42	Facile Room-Temperature Preparation of Flexible Polyurethane Foams from Carbon Dioxide Based Poly(ether carbonate) Polyols with a Reduced Generation of Acetaldehyde. <i>ACS Omega</i> , 2019, 4, 7944-7952.	1.6	17
43	Mechanistic insights on Zn(II) $\sim$ Co(III) double metal cyanide-catalyzed ring-opening polymerization of epoxides. <i>Journal of Catalysis</i> , 2019, 372, 86-102.	3.1	55
44	Sulfonic acid functionalized hyper-cross-linked polymer: An efficient heterogeneous acid catalyst for the synthesis of N-containing bisphosphonates. <i>Catalysis Communications</i> , 2019, 126, 15-20.	1.6	14
45	Synthesis of Stimuli-Responsive Heterofunctional Dendrimer by Passerini Multicomponent Reaction. <i>ACS Omega</i> , 2019, 4, 6660-6668.	1.6	20
46	Catalyst-Free Synthesis of Xanthene and Pyrimidine-Fused Heterocyclic Derivatives at Water-Ethanol Medium and Their Antioxidant Properties. <i>ChemistrySelect</i> , 2019, 4, 644-649.	0.7	23
47	Fabrication of Microspheres of Five Commodity Polymers Employing the Same Protocol. <i>Macromolecular Research</i> , 2018, 26, 291-293.	1.0	0
48	Synthesis of Bis(indolyl)methanes Using Hyper-Cross-Linked Polyaromatic Spheres Decorated with Bromomethyl Groups as Efficient and Recyclable Catalysts. <i>ACS Omega</i> , 2018, 3, 2242-2253.	1.6	43
49	Functional Hyper-Crosslinked Polypyrene for Reductive Decolorization of Industrial Dyes and Effective Mercury Removal from Aqueous Media. <i>ChemPlusChem</i> , 2018, 83, 1078-1087.	1.3	6
50	Sulfonic acid-functionalized organic knitted porous polyaromatic microspheres as heterogeneous catalysts for biodiesel production. <i>New Journal of Chemistry</i> , 2018, 42, 12745-12753.	1.4	24
51	Fabrication and Characterization of the Graphene Composites Containing Embedded Manganese Dioxide Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 284-287.	0.9	2
52	Straightforward access to linear and cyclic polypeptides. <i>Communications Chemistry</i> , 2018, 1, .	2.0	42
53	Sulfonic Acid-Functionalized, Hyper-Cross-Linked Porous Polyphenols as Recyclable Solid Acid Catalysts for Esterification and Transesterification Reactions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 11583-11591.	1.8	31
54	Amine-functionalized hyper-crosslinked polyphenanthrene as a metal-free catalyst for the synthesis of 2-amino-tetrahydro-4 H -chromene and pyran derivatives. <i>Applied Catalysis A: General</i> , 2017, 538, 9-18.	2.2	25

#	ARTICLE	IF	CITATIONS
55	NiMn <sub>2</sub> O <sub>4</sub> Nanosheet-Decorated Hierarchically Porous Polyaromatic Carbon Spheres for High-Performance Supercapacitors. <i>ChemElectroChem</i> , 2017, 4, 1214-1221.	1.7	39
56	A Hyper-cross-linked Polynaphthalene Semiconductor with Excellent Visible-Light Photocatalytic Performance in the Degradation of Organic Dyes. <i>Langmuir</i> , 2017, 33, 1867-1871.	1.6	20
57	Carbon Dioxide-Based Polyols as Sustainable Feedstock of Thermoplastic Polyurethane for Corrosion-Resistant Metal Coating. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3871-3881.	3.2	87
58	Biomimetic pH/redox dual stimuli-responsive zwitterionic polymer block poly(L-histidine) micelles for intracellular delivery of doxorubicin into tumor cells. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2061-2070.	2.5	32
59	Highly efficient green synthesis of $\beta$ -hydroxyphosphonates using a recyclable choline hydroxide catalyst. <i>New Journal of Chemistry</i> , 2017, 41, 5373-5379.	1.4	19
60	Modulation of properties of thermal silicone rubbers (TSR) for central processing unit (CPU) by compositing octavinyl-polyhedral oligomeric silsesquioxane (POSS) cubic microcrystals below the detection limit. <i>Macromolecular Research</i> , 2017, 25, 474-477.	1.0	3
61	pH/redox dual stimuli-responsive sheddable nanodaisies for efficient intracellular tumour-triggered drug delivery. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5027-5036.	2.9	35
62	Catalyst-free ultrasonic-promoted multicomponent synthesis of tertiary $\beta$ -amino phosphonates. <i>New Journal of Chemistry</i> , 2017, 41, 6653-6660.	1.4	23
63	Sulfated choline ionic liquid-catalyzed acetamide synthesis by grindstone method. <i>Tetrahedron Letters</i> , 2017, 58, 1595-1599.	0.7	19
64	Tris(hydroxymethyl)aminomethane as an efficient organobase catalyst for the synthesis of $\beta$ -phosphonomalonates. <i>Tetrahedron Letters</i> , 2017, 58, 410-414.	0.7	13
65	Hyper-Cross-Linked Polypyrene Spheres Functionalized with 3-Aminophenylboronic Acid for the Electrochemical Detection of Diols. <i>ACS Omega</i> , 2017, 2, 7506-7514.	1.6	11
66	Power conversion of poly[2-methoxy-5-(2-ethylhexyloxy)-p-phenylenevinylene] (MEH-PPV)/perovskite solar cells: Effect of trans-cis isomerization and molecular weight. <i>Macromolecular Research</i> , 2017, 25, 956-959.	1.0	0
67	Targeted MRI contrast agent based on hyperbranched lipopolymer hybrids. <i>Journal of Controlled Release</i> , 2017, 259, e63-e64.	4.8	0
68	Dual stimuli-responsive lipopolymer vesicular nanosphere for site specific doxorubicin delivery. <i>Journal of Controlled Release</i> , 2017, 259, e178-e179.	4.8	0
69	Glutathione and endosomal pH-responsive hybrid vesicles fabricated by zwitterionic polymer block poly(L-aspartic acid) as a smart anticancer delivery platform. <i>Reactive and Functional Polymers</i> , 2017, 119, 47-56.	2.0	23
70	Phosphorus-containing thermoplastic poly(ether ester) elastomers showing intrinsic flame retardancy. <i>Journal of Applied Polymer Science</i> , 2017, 134, 45478.	1.3	5
71	Fabrication of Pr-PVP-Co-Doped NanoTiO <sub>2</sub> Film on Titanium Matrix with Outstanding Electrocatalytic Reduction Activity for Oxalic Acid. <i>Journal of the Electrochemical Society</i> , 2017, 164, E260-E264.	1.3	1
72	Synthesis of Polycarbonate Polyols by Double-Metal Cyanide Catalyzed Copolymerization of Epoxide with Carbon Dioxide. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 7507-7514.	0.9	6

#	ARTICLE	IF	CITATIONS
73	Dumbbell-Type Hyperbranched-Polyglycidol-Assisted Green Synthesis of Metal Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 7373-7380.	0.9	1
74	Palladium Nanoparticle-Decorated Porous Carbon Spheres as High-Activity Catalyst in the Electrooxidation of Alcohol. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 7668-7671.	0.9	2
75	Phospholipid End-Capped Acid-Degradable Polyurethane Micelles for Intracellular Delivery of Cancer Therapeutics. <i>Advanced Healthcare Materials</i> , 2016, 5, 1874-1883.	3.9	10
76	An Efficient Three-Component Synthesis of Benzimidazo[1,2-a]-quinoline-6-carbonitriles. <i>Synlett</i> , 2016, 27, 1844-1847.	1.0	15
77	Conjugated polymers containing 6-(2-thienyl)-4H-thieno[3,2-b]indole (TTI) and isoindigo for organic photovoltaics. <i>Polymer</i> , 2016, 95, 36-44.	1.8	18
78	Syntheses of pyrimidine-based polymers containing electron-withdrawing substituent with high open circuit voltage and applications for polymer solar cells. <i>Journal of Polymer Science Part A</i> , 2016, 54, 771-784.	2.5	7
79	Tumor homing indocyanine green encapsulated micelles for near infrared and photoacoustic imaging of tumors. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 825-834.	1.6	18
80	Syntheses of PCDTBT containing tetrafluorobenzene as electron-withdrawing group with deep HOMO energy level and Applications for photovoltaics. <i>Polymer</i> , 2016, 102, 84-91.	1.8	4
81	Phospholipid End-Capped Bioreducible Polyurea Micelles as a Potential Platform for Intracellular Drug Delivery of Doxorubicin in Tumor Cells. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1883-1893.	2.6	10
82	Broadening the range of vesicle formation by heating. <i>RSC Advances</i> , 2016, 6, 98639-98645.	1.7	2
83	Syntheses and Properties of Conjugated Polymer with Thiophene-Bridged BTI and Indenoindene Units for Organic Solar Cells. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 506-514.	1.0	1
84	Hierarchically nanostructured carbon-supported manganese oxide for high-performance pseudo-capacitors. <i>Korean Journal of Chemical Engineering</i> , 2016, 33, 2228-2234.	1.2	18
85	Effect of chain extender modification on the structure and properties of thermoplastic poly(ether) Tj ETQq1 1 0.784314 rgBT /Overl 1.3 4		
86	Conjugated polymers containing pyrimidine with electron withdrawing substituents for organic photovoltaics with high open-circuit voltage. <i>Polymer</i> , 2016, 83, 50-58.	1.8	16
87	6-(2-Thienyl)-4H-thieno[3,2-b]indole based conjugated polymers with low bandgaps for organic solar cells. <i>Synthetic Metals</i> , 2016, 213, 25-33.	2.1	13
88	Tungstosulfonic acid as an efficient solid acid catalyst for acylal synthesis for the protection of the aldehydic carbonyl group. <i>New Journal of Chemistry</i> , 2016, 40, 687-693.	1.4	18
89	Dual Stimuli-Responsive Vesicular Nanospheres Fabricated by Lipopolymer Hybrids for Tumor-Targeted Photodynamic Therapy. <i>Biomacromolecules</i> , 2016, 17, 20-31.	2.6	34
90	Phosphatidylethanolamine polyglycidol bioconjugates for controlled drug delivery. <i>Journal of Controlled Release</i> , 2015, 213, e45.	4.8	0

#	ARTICLE	IF	CITATIONS
91	Synthesis of hyperbranched polyglycidol- b -poly( N -isopropylacrylamide) using nitroxide-mediated polymerization for thermo-sensitive drug delivery system. Journal of Controlled Release, 2015, 213, e80.	4.8	4
92	Synthesis of High Molecular Weight Cyclic Poly( $\epsilon$ -caprolactone)s of Variable Ring Size Based on a Light-Induced Ring-Closure Approach. Macromolecular Rapid Communications, 2015, 36, 1646-1650.	2.0	28
93	Syntheses and Properties of Copolymers with N-Alkyl-2,2'-bithiophene-3,3'-dicarboximide Unit for Polymer Solar Cells. Bulletin of the Korean Chemical Society, 2015, 36, 2238-2246.	1.0	3
94	Simultaneous extraction of phosphatidylcholine and phosphatidylethanolamine from soybean lecithin. European Journal of Lipid Science and Technology, 2015, 117, 1647-1654.	1.0	15
95	Nitric oxide-releasing poly(lactic-co-glycolic acid)-polyethylenimine nanoparticles for prolonged nitric oxide release, antibacterial efficacy, and <i>in vivo</i> wound healing activity. International Journal of Nanomedicine, 2015, 10, 3065.	3.3	104
96	Controllable Synthesis of Stereoregular Polyesters by Organocatalytic Alternating Copolymerizations of Cyclohexene Oxide and Norbornene Anhydrides. Macromolecules, 2015, 48, 3431-3437.	2.2	88
97	Controlled synthesis of hyperbranched polythioether polyols and their use for the fabrication of porous anatase nanospheres. Journal of Polymer Science Part A, 2015, 53, 2557-2562.	2.5	2
98	Hyperbranched polyglycidol/phosphatidylcholine and phosphatidylethanolamine hybrid liposomes for the pH-sensitive delivery of doxorubicin. Journal of Controlled Release, 2015, 213, e44.	4.8	2
99	Polymer-Block-Polypeptides and Polymer-Conjugated Hybrid Materials as Stimuli-Responsive Nanocarriers for Biomedical Applications. Journal of Biomedical Nanotechnology, 2015, 11, 1-39.	0.5	60
100	Synthesis and properties of low band gap polymers based on thienyl thienoindole as a new electron-rich unit for organic photovoltaics. Polymer Chemistry, 2015, 6, 6011-6020.	1.9	16
101	Syntheses and solar cell applications of conjugated copolymers containing tetrafluorophenylene units. Polymer, 2015, 71, 113-121.	1.8	5
102	Phospho sulfonic acid: an efficient and recyclable solid acid catalyst for the solvent-free synthesis of $\beta$ -hydroxyphosphonates and their anticancer properties. New Journal of Chemistry, 2015, 39, 3916-3922.	1.4	32
103	Anomalous Rheological Behavior of Dendritic Nanoparticle/Linear Polymer Nanocomposites. Macromolecules, 2015, 48, 3368-3375.	2.2	27
104	Trifluoromethyl benzimidazole-based conjugated polymers with deep HOMO levels for organic photovoltaics. Synthetic Metals, 2015, 205, 112-120.	2.1	14
105	Synthesis and photovoltaic properties of alkoxy-benzimidazole containing low band gap polymers. Thin Solid Films, 2015, 580, 29-35.	0.8	6
106	2,2-dimethyl-2H-benzimidazole based small molecules for organic solar cells. Macromolecular Research, 2015, 23, 214-222.	1.0	15
107	Poly(PEGA)-b-poly(L-lysine)-b-poly(L-histidine) Hybrid Vesicles for Tumoral pH-Triggered Intracellular Delivery of Doxorubicin Hydrochloride. ACS Applied Materials & Interfaces, 2015, 7, 21770-21779.	4.0	66
108	Cell specific doxorubicin delivery through the temperature responsive lipopolymer nanocarriers engineered by the combination of RAFT polymerization and click chemistry. Journal of Controlled Release, 2015, 213, e59.	4.8	3

#	ARTICLE	IF	CITATIONS
109	Efficient, Solvent-Free, Multicomponent Method for Organic-Base-Catalyzed Synthesis of $\beta^2$ -Phosphonomalonates. <i>ACS Combinatorial Science</i> , 2015, 17, 691-697.	3.8	23
110	Self-aggregates of hyperbranched epoxidized 2-hydroxyethyl methacrylate conjugates of methotrexate: Synthesis and in vitro drug delivery. <i>Journal of Controlled Release</i> , 2015, 213, e80-e81.	4.8	0
111	Folic acid-tethered poly(N-isopropylacrylamide)-phospholipid hybrid nanocarriers for targeted drug delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8268-8278.	2.9	9
112	Biodegradable poly(ethylene glycol) methyl ether acrylate- b -poly(L-lysine)- b -poly(L-histidine) triblock copolypeptides for non-viral gene delivery. <i>Journal of Controlled Release</i> , 2015, 213, e93-e94.	4.8	0
113	Dibutylamine-catalysed efficient one-pot synthesis of biologically potent pyrans. <i>Tetrahedron Letters</i> , 2015, 56, 717-720.	0.7	25
114	Non-Covalently Functionalized Carbon Nanostructures for Synthesizing Carbon-Based Hybrid Nanomaterials. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 1425-1440.	0.9	17
115	Palladium Nanoparticles Decorated Mesoporous Carbon Spheres as Catalyst for Reduction of 4-Nitrophenol. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 8771-8776.	0.9	6
116	Hexafunctional poly(propylene glycol) based hydrogels for the removal of heavy metal ions. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	4
117	Synthesis of the Copolymer Based on Diketopyrrolopyrrole with Didecyl Chain for OPVs. <i>Molecular Crystals and Liquid Crystals</i> , 2014, 600, 88-98.	0.4	1
118	Lipo-Poly(L-histidine) Hybrid Materials with pH-Sensitivity, Intracellular Delivery Efficiency, and Intrinsic Targetability to Cancer Cells. <i>Macromolecular Rapid Communications</i> , 2014, 35, 888-894.	2.0	18
119	Ring-opening polymerization of propylene oxide by double metal cyanide catalysts prepared by reacting $\text{CoCl}_2$ with various metal cyanide salts. <i>Catalysis Today</i> , 2014, 232, 75-81.	2.2	19
120	Synthesis of 2-amino-3-cyano-4H-chromen-4-ylphosphonates and their anticancer properties. <i>European Journal of Medicinal Chemistry</i> , 2014, 76, 61-66.	2.6	40
121	Active palladium catalyst supported by bulky diimine ligand catalyzed Suzuki-Miyaura coupling reaction in water under phosphane-free and low catalyst loading conditions. <i>Applied Organometallic Chemistry</i> , 2014, 28, 221-224.	1.7	23
122	Hyperbranched aliphatic polyether esters by ring-opening polymerization of epoxidized 2-hydroxyethyl methacrylate. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1643-1651.	2.5	4
123	Poly(L-histidine)-containing polymer bioconjugate hybrid materials as stimuli-responsive theranostic systems. <i>Journal of Applied Polymer Science</i> , 2014, 131, n/a-n/a.	1.3	28
124	Tetramethyl guanidinium chlorosulfonate as a highly efficient and recyclable organocatalyst for the preparation of bis(indolyl)methane derivatives. <i>Catalysis Communications</i> , 2014, 57, 55-59.	1.6	32
125	Controlled accommodation of metal nanostructures within the matrices of polymer architectures through solution-based synthetic strategies. <i>Progress in Polymer Science</i> , 2014, 39, 1878-1907.	11.8	25
126	Poly(2-Hydroxyethyl Methacrylate)- <i>b</i> -Poly(L-Lysine) Cationic Hybrid Materials for Non-Viral Gene Delivery in NIH 3T3 Mouse Embryonic Fibroblasts. <i>Macromolecular Bioscience</i> , 2014, 14, 1239-1248.	2.1	13



#	ARTICLE	IF	CITATIONS
127	Phospho sulfonic acid as an efficient and recyclable solid acid catalyst for the solvent-free preparation of acylals. <i>Tetrahedron Letters</i> , 2014, 55, 5373-5376.	0.7	25
128	Fabrication of ordered honeycomb structures and microspheres using polystyrene-block-poly( <i>tert</i> -butyl acrylate) star polymers. <i>Journal of Polymer Research</i> , 2014, 21, 1.	1.2	8
129	Highly active bifunctional cobalt-salen complexes for the synthesis of poly(ester- <i>block</i> -carbonate) copolymer via terpolymerization of carbon dioxide, propylene oxide, and norbornene anhydride isomer: Roles of anhydride conformation consideration. <i>Journal of Polymer Science Part A</i> , 2014, 52, 789-795.	2.5	62
130	Crosslinked Poly(ethylene glycol) Hydrogels with Degradable Phosphamide Linkers Used as a Drug Carrier in Cancer Therapy. <i>Macromolecular Bioscience</i> , 2014, 14, 401-410.	2.1	11
131	MgCl <sub>2</sub> -supported TiCl <sub>4</sub> catalysts containing diethyl norbornene-2,3-dicarboxylate internal electron donor for 1-butene polymerization: Effects of internal electron donor configuration. <i>Journal of Applied Polymer Science</i> , 2014, 131, n/a-n/a.	1.3	4
132	Microfluidic-Assisted Self-Assembly of Complex Dendritic Polyethylene Drug Delivery Nanocapsules. <i>Advanced Materials</i> , 2014, 26, 3118-3123.	11.1	49
133	Recent developments in polymer- <i>block</i> -polypeptide and protein-polymer bioconjugate hybrid materials. <i>European Polymer Journal</i> , 2013, 49, 2925-2948.	2.6	27
134	Hyperbranched polyglycerol hydrogels prepared through biomimetic mineralization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 31-37.	2.5	14
135	Synthesis of the novel 2,2-bithiophene-3,3-dicarboximide-based conjugated copolymers for OPVs. <i>Synthetic Metals</i> , 2013, 177, 65-71.	2.1	8
136	Water-soluble paclitaxel by conjugation to hyperbranched polyglycidols. <i>Journal of Materials Science</i> , 2013, 48, 5163-5170.	1.7	2
137	Easy Synthesis of Hierarchical Carbon Spheres with Superior Capacitive Performance in Supercapacitors. <i>Langmuir</i> , 2013, 29, 12266-12274.	1.6	78
138	Low bandgap small molecules based on 2,2-bithiophene-3,3-dicarboximide for soluble-processed solar cells. <i>Synthetic Metals</i> , 2013, 183, 16-23.	2.1	7
139	Synthesis of 2-amino-3-cyano-4H-chromen-4-ylphosphonates and 2-amino-4H-chromenes catalyzed by tetramethylguanidine. <i>Tetrahedron</i> , 2013, 69, 10544-10551.	1.0	51
140	Self-Assembly of Morphology-Tunable Architectures from Tetraarylmethane Derivatives for Targeted Drug Delivery. <i>Langmuir</i> , 2013, 29, 3223-3233.	1.6	22
141	(E)-N-((1H-benzo[d]imidazol-2-yl)(phenyl)-methylene)quinolin-8-amino cobalt(II), iron(II), nickel(II), chromium(III), and vanadium(III) complexes and their activities towards ethylene and 1,3-butadiene. <i>Macromolecular Research</i> , 2013, 21, 118-121.	1.0	4
142	Fabrication of Microspheres via Solvent Volatization Induced Aggregation of Self-Assembled Nanomicellar Structures and Their Use as a pH-Dependent Drug Release System. <i>Langmuir</i> , 2013, 29, 65-74.	1.6	9
143	Nontoxic poly(ethylene oxide phosphoramidate) hydrogels as templates for biomimetic mineralization of calcium carbonate and hydroxyapatite architectures. <i>Journal of Materials Science</i> , 2013, 48, 288-298.	1.7	8
144	Synthesis and properties of the conjugated polymers with indenoindene and benzimidazole units for organic photovoltaics. <i>Journal of Polymer Science Part A</i> , 2013, 51, 241-249.	2.5	14

#	ARTICLE	IF	CITATIONS
145	Influence of soft segment content and chain length on the physical properties of poly(ether ester) elastomers and fabrication of honeycomb pattern and electrospun fiber. <i>Reactive and Functional Polymers</i> , 2013, 73, 1213-1222.	2.0	13
146	Biocompatible and pH-sensitive PEG hydrogels with degradable phosphoester and phosphoamide linkers end-capped with amine for controlled drug delivery. <i>Polymer Chemistry</i> , 2013, 4, 1084-1094.	1.9	23
147	Synthesis of multi-amine functionalized hydrogel for preparation of noble metal nanoparticles: utilization as highly active and recyclable catalysts in reduction of nitroaromatics. <i>RSC Advances</i> , 2013, 3, 4692.	1.7	35
148	Dual Stimuli-Responsive Poly(N-isopropylacrylamide)-poly(histidine) Chimeric Materials for the Controlled Delivery of Doxorubicin into Liver Carcinoma. <i>Biomacromolecules</i> , 2013, 14, 1434-1443.	2.6	120
149	A facile approach for the synthesis of cyclic poly(N-isopropylacrylamide) based on an anthracene-thiol click reaction. <i>Polymer Chemistry</i> , 2013, 4, 2428.	1.9	35
150	Effect of Ion-Pair Strength on Ethylene Oligomerization by Divalent Nickel Complexes. <i>Catalysis Letters</i> , 2013, 143, 717-722.	1.4	6
151	Facile and controllable incorporation of gold nanoparticles within one-dimensional self-assemblies of hyperbranched polymers. <i>Soft Matter</i> , 2013, 9, 5270.	1.2	10
152	PVP-assisted synthesis of dense silica-coated graphite with electrically insulating property. <i>Materials Letters</i> , 2013, 90, 87-89.	1.3	20
153	Synthesis of a conjugated copolymer with benzodithiophene and benzimidazole units. <i>Polymer Journal</i> , 2013, 45, 555-559.	1.3	1
154	Noncovalent Functionalization of Carbon Nanotubes by Fluorescent Polypeptides: Supramolecular Conjugates with pH-Dependent Absorbance and Fluorescence. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 7406-7412.	0.9	4
155	Polyether Ester by Rubber Content and Rubber According to the Type of Dynamic Vulcanized Properties (TPEE). <i>Elastomers and Composites</i> , 2013, 48, 67-75.	0.1	0
156	Rubber Composites with Piezoresistive Effects. <i>Elastomers and Composites</i> , 2013, 48, 76-84.	0.1	0
157	Highly active and trans-1,4-specific polymerization of 1,3-butadiene catalyzed by bis(benzimidazolyl)amine chromium complexes activated with methylaluminumoxane. <i>Elastomers and Composites</i> , 2013, 48, 61-66.	0.1	0
158	Pyrrolo[3,2-b]pyrrole-Based Copolymers as Donor Materials for Organic Photovoltaics. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 3399-3404.	1.0	0
159	Fabrication of multichannel microtubules by the self-assembly of pyridine-based macrocyclic compounds and their use for heavy metal ion adsorption. <i>Supramolecular Chemistry</i> , 2012, 24, 165-174.	1.5	1
160	pH-reversible supramolecular hydrogels based on aminoalkyl phosphoamide compounds. <i>Supramolecular Chemistry</i> , 2012, 24, 189-196.	1.5	9
161	Microfluidics assisted fabrication of microspheres by poly(2-hydroxyethyl) methacrylate (PHEMA) encapsulants. <i>Microfluidics and Nanofluidics</i> , 2012, 14, 257.	1.0	0
162	Synthesis and photovoltaic properties of copolymers based on 2,2-(1,5-pentamethylene)-2H-benzimidazole. <i>Synthetic Metals</i> , 2012, 162, 225-230.	2.1	8

#	ARTICLE	IF	CITATIONS
163	Synthesis and characterization of dimethyl-benzimidazole based low bandgap copolymers for OPVs. <i>Synthetic Metals</i> , 2012, 162, 988-994.	2.1	7
164	TiCl <sub>4</sub> hybridization with modified Ni(II) $\beta$ -diimine catalyst complex for ethylene polymerization. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 1119-1122.	1.2	1
165	Isospecific polymerizations of 1-butene catalyzed by MgCl <sub>2</sub> /TiCl <sub>4</sub> /internal donor- <i>AlR</i> <sub>3</sub> /external donor system. <i>Macromolecular Research</i> , 2012, 20, 985-989.	1.0	6
166	Fabrication of Organic Shell-Covered Gold Nanospheres with Near-Infrared Absorption. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 5852-5858.	0.9	0
167	Ni(II) complexes with ligands derived from phenylpyridine, active for selective dimerization and trimerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2012, 718, 8-13.	0.8	15
168	Tailored hybrid hyperbranched polyglycidol-silica nanocomposites with high third-order nonlinearity. <i>International Nano Letters</i> , 2012, 2, 1.	2.3	7
169	Palladium nanoparticles decorated carbon nanotubes: facile synthesis and their applications as highly efficient catalysts for the reduction of 4-nitrophenol. <i>Green Chemistry</i> , 2012, 14, 586.	4.6	147
170	A general and efficient method for decorating graphene sheets with metal nanoparticles based on the non-covalently functionalized graphene sheets with hyperbranched polymers. <i>Nanoscale</i> , 2012, 4, 1355.	2.8	39
171	Synthesis and characterization of polycyclopentaphenanthrene with carbazole or oxadiazole pendant units. <i>Polymer Journal</i> , 2012, 44, 347-352.	1.3	5
172	Synthesis and characterization of phenathrothiadiazole-based conjugated polymer for photovoltaic device. <i>Synthetic Metals</i> , 2012, 162, 1936-1943.	2.1	5
173	Synthesis of the pyrrolo[3,2-b]pyrrole-based copolymer with enhanced open circuit voltage. <i>Synthetic Metals</i> , 2012, 162, 2288-2293.	2.1	13
174	Poly(L-histidine)-tagged 5-aminolevulinic acid prodrugs: new photosensitizing precursors of protoporphyrin IX for photodynamic colon cancer therapy. <i>International Journal of Nanomedicine</i> , 2012, 7, 2497.	3.3	12
175	Synthesis of pentablock and multibranch copolymers bearing poly(ethylene glycol), hyperbranched polyglycidol, and poly( $\epsilon$ -lactide) with biocompatibility for controlled drug release. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2553-2564.	2.5	10
176	Biocompatible Poly(2-hydroxyethyl methacrylate)- <i>b</i> -poly(L-histidine) Hybrid Materials for pH-Sensitive Intracellular Anticancer Drug Delivery. <i>Advanced Functional Materials</i> , 2012, 22, 1058-1068.	7.8	107
177	Copolymerizations of ethylene with 1-hexene over MgCl <sub>2</sub> /SiO <sub>2</sub> Bi-supported titanium catalysts: Effect of SiO <sub>2</sub> on active site distribution. <i>Macromolecular Research</i> , 2012, 20, 220-222.	1.0	1
178	Novel 4,7-Dithien-2-yl-2,1,3-benzothiadiazole-based Conjugated Copolymers with Cyano Group in Vinylene Unit for Photovoltaic Applications. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 629-635.	1.0	3
179	Synthesis and Photovoltaic Properties of Polymers Based on Cyclopentadithiophene and Benzimidazole Units. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 1861-1866.	1.0	8
180	Morphology-tunable architectures constructed by supramolecular assemblies of $\beta$ -diimine compound: fabrication and application as multifunctional host systems. <i>Journal of Materials Chemistry</i> , 2011, 21, 17938.	6.7	10

#	ARTICLE	IF	CITATIONS
181	Double metal cyanide catalysts bearing lactate esters as eco-friendly complexing agents for the synthesis of highly pure polyols. <i>Green Chemistry</i> , 2011, 13, 631.	4.6	19
182	Synthesis and characterization of 2H-benzimidazole- and terthiophene-based polymer for organic photovoltaics. <i>Synthetic Metals</i> , 2011, 161, 307-312.	2.1	6
183	Increasing of stability depended on the position of alkoxy group in PPV. <i>Synthetic Metals</i> , 2011, 161, 1186-1193.	2.1	6
184	Syntheses and characterization of new low-band gap polymers containing 4H-cyclopenta[def]phenanthrene unit and 4,7-di(thien-2-yl)-2H-benzimidazole-2-spirocyclohexane for photovoltaic device. <i>Synthetic Metals</i> , 2011, 161, 1336-1342.	2.1	7
185	Iron and Cobalt Complexes of 2,3,7,8-Tetrahydroacridine-4,5(1 <i>H</i> ,6 <i>H</i> )-diimine Sterically Modulated by Substituted Aryl Rings for the Selective Oligomerization to Polymerization of Ethylene. <i>Organometallics</i> , 2011, 30, 2285-2294.	1.1	108
186	Effect of Side Groups in Polynorbornene Films for Transparent Conductive Substrates. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 550-554.	0.9	4
187	Catalytic and coordination facets of single-site non-metallocene organometallic catalysts with N-heterocyclic scaffolds employed in olefin polymerization. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2785-2809.	9.5	65
188	Hydrophobic periodic mesoporous organosilicas for the adsorption of cytochrome c. <i>Journal of Porous Materials</i> , 2011, 18, 217-223.	1.3	17
189	Ethylene Oligomerizations by Diazene Bridged Ni(II) Catalysts Derived from Pyrazole-Scaffold-Based Binucleating Ligands with Alkyl and Aryl Pendant Arms. <i>Catalysis Letters</i> , 2011, 141, 1219-1227.	1.4	8
190	Nickel(II) Dibromide Complexes Bearing Bis(benzimidazolyl)amine and Bis(benzimidazolyl)pyridine Ligands for Ethylene Oligomerizations. <i>Catalysis Letters</i> , 2011, 141, 1608-1615.	1.4	6
191	Facile synthesis of titania/hyperbranched polyglycidol nanohybrids with controllable morphologies: from solid spheres, capsules to tubes. <i>Journal of Nanoparticle Research</i> , 2011, 13, 2117-2128.	0.8	9
192	Electrical properties of graphene/SBR nanocomposite prepared by latex heterocoagulation process at room temperature. <i>Journal of Industrial and Engineering Chemistry</i> , 2011, 17, 325-330.	2.9	71
193	Di-aryl substituted poly(cyclopenta[def]phenanthrene) derivatives containing carbazole and triphenylamine units in the main chain for organic light-emitting diodes. <i>Macromolecular Research</i> , 2011, 19, 589-598.	1.0	17
194	Addition polymerization of 5-ethylidene-2-norbornene by cationic palladium cationic complex and subsequent derivatization. <i>Macromolecular Research</i> , 2011, 19, 1071-1076.	1.0	13
195	Syntheses and characterization of carbazole based new low-band gap copolymers containing highly soluble benzimidazole derivatives for solar cell application. <i>Journal of Polymer Science Part A</i> , 2011, 49, 369-380.	2.5	23
196	Synthesis and photovoltaic properties of conjugated copolymers based on benzimidazole and various thiophene. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3751-3758.	2.5	4
197	Trinuclear Fe(II)/Ni(II) complexes as catalysts for ethylene polymerizations. <i>Catalysis Today</i> , 2011, 164, 80-87.	2.2	17
198	Synthesis of and ethylene oligomerization with binuclear palladium catalysts having sterically modulated bis-imine ligands with methylene spacer. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1887-1894.	0.8	8

#	ARTICLE	IF	CITATIONS
199	Synthesis and Characterization of Novel Conjugated Polymer with Thiophene and Benzimidazole. Bulletin of the Korean Chemical Society, 2011, 32, 3045-3050.	1.0	5
200	Highly Transparent Polymer Substrates for Flexible Displays Using Semi-Interconnected Interpenetrating Polymer Networks. Journal of Nanoscience and Nanotechnology, 2010, 10, 6829-6833.	0.9	2
201	Fabrication of Silica Nanocapsules Containing Ag/Au Alloy Nanoparticles by Galvanic Replacement Reaction. Journal of Nanoscience and Nanotechnology, 2010, 10, 6825-6828.	0.9	3
202	Microstructure and properties of rigid rod-like polyimide/flexible coil-like poly(amide-imide) molecular composite films. Macromolecular Research, 2010, 18, 14-21.	1.0	24
203	Preparation and characterization of polyimide/modified $\beta$ -cyclodextrin nanocomposite films. Macromolecular Research, 2010, 18, 120-128.	1.0	18
204	Effect of internal lewis base on active site distribution for ethylene/1-octene copolymerization by TiCl <sub>4</sub> /lewis base/MgCl <sub>2</sub> catalysts. Macromolecular Research, 2010, 18, 94-97.	1.0	5
205	Ethylene oligomerization by tridentate cobalt complexes bearing pendant donor modified $\beta$ -diimine ligands. Macromolecular Research, 2010, 18, 701-704.	1.0	9
206	Fabrication of hollow and mesoporous germania microspheres by templating against plasma-treated polystyrene microspheres. Journal of Sol-Gel Science and Technology, 2010, 53, 232-238.	1.1	4
207	Fabrication of optically tunable silica nanocapsules containing Ag/Au nanostructures by confined galvanic replacement reaction. Journal of Nanoparticle Research, 2010, 12, 985-992.	0.8	8
208	Highly Efficient Supported Diimine Ni(II) and Iminopyridyl Fe(II) Catalysts for Ethylene Polymerizations. Topics in Catalysis, 2010, 53, 500-509.	1.3	11
209	A General and Efficient Route to Fabricate Carbon Nanotube-Metal Nanoparticles and Carbon Nanotube-Inorganic Oxides Hybrids. Advanced Functional Materials, 2010, 20, 3864-3873.	7.8	82
210	Multiplexed Protein Patterns on a Photosensitive Hydrophilic Polymer Matrix. Advanced Materials, 2010, 22, 1242-1246.	11.1	20
211	Stereospecific polymerizations of 1,3-butadiene catalyzed by Co(II) complexes ligated by 2,6-bis(benzimidazolyl)pyridines. Journal of Molecular Catalysis A, 2010, 325, 84-90.	4.8	39
212	Low-bandgap poly(4H-cyclopenta[def]phenanthrene) derivatives with 4,7-dithienyl-2,1,3-benzothiadiazole unit for photovoltaic cells. Polymer, 2010, 51, 390-396.	1.8	35
213	Conjugated copolymers based on dihexyl-benzimidazole moiety for organic photovoltaics. Polymer, 2010, 51, 5385-5391.	1.8	24
214	Synthesis and characterization of fluorene-carbazole and fluorene-phenothiazine copolymers with carbazole and oxadiazole pendants for organic light emitting diodes. Polymer, 2010, 51, 6174-6181.	1.8	18
215	Synthesis and characterization of low-bandgap copolymers based on dihexylbenzimidazole and cyclopentadithiophene. Journal of Polymer Science Part A, 2010, 48, 4567-4573.	2.5	23
216	Leaching- and fragmentation-free heterogenization of late transition metal complexes as a model system to prove the growth mechanism of polyethylene. Journal of Materials Chemistry, 2010, 20, 7150.	6.7	7

#	ARTICLE	IF	CITATIONS
217	Colorless Polyimide/Organoclay Nanocomposite Substrates for Flexible Organic Light-Emitting Devices. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 388-396.	0.9	16
218	Synthesis of Poly(methyl methacrylate)- <i>Block</i> -Poly( <i>L</i> -histidine) and Its Use as a Hybrid Silver Nanoparticle Conjugate. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6948-6953.	0.9	0
219	Hydrogels formed through regulated self-organization of gradually charging chitosan in solution of xanthan. <i>Green Chemistry</i> , 2010, 12, 1187.	4.6	44
220	Hyperbranched Polyglycidol Assisted Green Synthetic Protocols for the Preparation of Multifunctional Metal Nanoparticles. <i>Langmuir</i> , 2010, 26, 18442-18453.	1.6	39
221	Tuning of the Activity and Induction Period of the Polymerization of Propylene Oxide Catalyzed by Double Metal Cyanide Complexes Bearing $\beta^2$ -Alkoxy Alcohols as Complexing Agents. <i>Industrial &amp; Engineering Chemistry Research</i> , 2010, 49, 4107-4116.	1.8	31
222	Hyperbranched Polyglycidol-Assisted Green Approach to the Fabrication of Morphology-Tunable Gold Architectures. <i>Crystal Growth and Design</i> , 2010, 10, 5319-5326.	1.4	10
223	Fabrication of Nanotubules and Microspheres from the Self-Assembly of Amphiphilic Monochain Stearic Acid Derivatives. <i>Langmuir</i> , 2010, 26, 17890-17895.	1.6	15
224	Synthesis and characterization of low-bandgap copolymers based on dihexyl-2H-benzimidazole and terthiophene. <i>Synthetic Metals</i> , 2010, 160, 2618-2622.	2.1	9
225	A low-bandgap alternating copolymer containing the dimethylbenzimidazole moiety. <i>Journal of Materials Chemistry</i> , 2010, 20, 6517.	6.7	68
226	Encapsulation of a Single Metal Nanoparticle with Tunable Size in a Monodisperse Polymer Microcapsule. <i>Macromolecular Rapid Communications</i> , 2009, 30, 188-193.	2.0	11
227	Thermally responsive poly( <i>N</i> -isopropylacrylamide- <i>co</i> - $\beta$ -hydroxyethylacrylate) colloidal crystals included in $\beta$ -cyclodextrin for controlled drug delivery. <i>Journal of Applied Polymer Science</i> , 2009, 113, 1680-1689.	1.3	16
228	Highly active and stereospecific polymerizations of 1,3-butadiene by using bis(benzimidazolyl)amine ligands derived Co(II) complexes in combination with ethylaluminum sesquichloride. <i>Polymer</i> , 2009, 50, 1150-1158.	1.8	54
229	Fabrication of Carbon Nanotube/SiO <sub>2</sub> and Carbon Nanotube/SiO <sub>2</sub> /Ag Nanoparticles Hybrids by Using Plasma Treatment. <i>Nanoscale Research Letters</i> , 2009, 4, 1384-1388.	3.1	76
230	Methylaluminum dichloride as a cocatalyst for Ni(II) $\beta$ -diimine complexes catalyzed ethylene polymerization. <i>Macromolecular Research</i> , 2009, 17, 276-279.	1.0	2
231	Microstructure and properties of fully aliphatic polyimide/mesoporous silica hybrid composites. <i>Macromolecular Research</i> , 2009, 17, 638-645.	1.0	13
232	Synthesis of novel conjugated polymer based on cyclopenta[ <i>def</i> ]phenanthrene and vinylene with strong interchain interaction. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5068-5077.	2.5	1
233	Synthesis and characterization of polyfluorenevinylene with cyano group and carbazole unit. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6540-6551.	2.5	19
234	Neutral Ni(II) complexes based on keto-enamine salicylideneanilines active for selective dimerization of ethylene. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 1254-1258.	0.8	17

#	ARTICLE	IF	CITATIONS
235	Synthesis of cyclic carbonate from allyl glycidyl ether and carbon dioxide using ionic liquid-functionalized amorphous silica. <i>Catalysis Today</i> , 2009, 148, 350-354.	2.2	67
236	Effect of complexing agents of double metal cyanide catalyst on the copolymerizations of cyclohexene oxide and carbon dioxide. <i>Catalysis Today</i> , 2009, 148, 389-397.	2.2	65
237	Preparation and characterization of polyimide/mesoporous silica hybrid nanocomposites based on water-soluble poly(amic acid) ammonium salt. <i>European Polymer Journal</i> , 2009, 45, 19-29.	2.6	100
238	Syntheses and Characterization of the Alternating Polymers Based on Cyclopenta[def]phenanthrene Backbone with Spiro Group. <i>Polymer Journal</i> , 2009, 41, 1105-1110.	1.3	1
239	Diacetylene Phospholipid-Mediated Synthesis of Germania Nanotubes and Nanoparticles. <i>Chemistry of Materials</i> , 2009, 21, 3782-3787.	3.2	8
240	One-pot synthesis of spherical periodic mesoporous organosilica supported catalyst bearing Ni(II) $\beta$ -diimine complexes for ethylene polymerization. <i>Catalysis Communications</i> , 2009, 11, 252-256.	1.6	21
241	Synthesis of 4 <i>H</i> -Cyclopenta[def]phenanthrene from 1-Naphthylacetic Acid. <i>Chemistry Letters</i> , 2009, 38, 1008-1008.	0.7	4
242	Protein functionalized micro hydrogel features for cell-surface interaction. <i>Biomedical Microdevices</i> , 2008, 10, 567-571.	1.4	7
243	Ethylene Oligomerizations by Sterically Modulated Salicylaldimine Cobalt(II) Complexes Combined with Various Alkyl Aluminum Cocatalysts. <i>Catalysis Letters</i> , 2008, 125, 27-34.	1.4	17
244	Polymerization of Methyl Methacrylate with Nickel(II) and Palladium(II) Iminopyridyl Mononuclear Bimetallic Complexes. <i>Catalysis Letters</i> , 2008, 126, 371-377.	1.4	13
245	A novel and faster route for the synthesis of polyether-polycarbonate from carbon dioxide and epoxide through microwave irradiation. <i>Research on Chemical Intermediates</i> , 2008, 34, 835-844.	1.3	9
246	Ring-opening polymerization of $\epsilon$ -caprolactone and cyclohexene oxide initiated by aluminum $\beta$ -ketoamino complexes: steric and electronic effect of 3-position substituents of the ligands. <i>Macromolecular Research</i> , 2008, 16, 441-445.	1.0	12
247	Polyimide multilayer thin films prepared via spin coating from poly(amic acid) and poly(amic acid) ammonium salt. <i>Macromolecular Research</i> , 2008, 16, 725-733.	1.0	17
248	Polymerization of methyl methacrylate by sterically modulated bis(salicylaldiminate)-cobalt(II) complexes combined with methylaluminumoxane. <i>Macromolecular Research</i> , 2008, 16, 745-748.	1.0	27
249	Organic/Inorganic Hybrid Composite Films from Polyimide and Organosilica: Effect of the Type of Organosilica Precursors. <i>Polymer Bulletin</i> , 2008, 60, 713-723.	1.7	11
250	Influence of type and positioning of N-aryl substituents on vinyl polymerization of norbornene by Ni(II) $\beta$ -diimine complexes. <i>Korean Journal of Chemical Engineering</i> , 2008, 25, 423-425.	1.2	10
251	Effect of cocatalyst and carbon dioxide pressure on the synthesis of polycarbonate from phenyl glycidyl ether and carbon dioxide. <i>Korean Journal of Chemical Engineering</i> , 2008, 25, 693-696.	1.2	6
252	Ethylene polymerization by sterically and electronically modulated Ni(II) $\beta$ -diimine complexes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1066-1082.	2.5	75

#	ARTICLE	IF	CITATIONS
253	Synthesis and characterization of soluble polyimides functionalized with carbazole moieties. <i>Journal of Polymer Science Part A</i> , 2008, 46, 8117-8130.	2.5	32
254	Encapsulation of Single Small Gold Nanoparticles by Diblock Copolymers. <i>ChemPhysChem</i> , 2008, 9, 388-392.	1.0	98
255	Microfluidic Synthesis of Reversibly Swelling Porous Polymeric Microcapsules with Controlled Morphology. <i>Advanced Materials</i> , 2008, 20, 2177-2182.	11.1	18
256	Synthesis and characterization of periodic mesoporous organosilicas from bridged organosilanes in the presence of mixed salts. <i>Journal of Solid State Chemistry</i> , 2008, 181, 67-74.	1.4	13
257	Synthesis of cyclic carbonate from vinyl cyclohexene oxide and CO <sub>2</sub> using ionic liquids as catalysts. <i>Catalysis Today</i> , 2008, 131, 130-134.	2.2	79
258	Structural and catalytic characterization of nanosized mesoporous aluminosilicates synthesized via a novel two-step route. <i>Catalysis Today</i> , 2008, 131, 55-60.	2.2	13
259	Tuning of the activity and induction period of double metal cyanide catalyzed ring-opening polymerizations of propylene oxide by using ionic liquids. <i>Catalysis Today</i> , 2008, 131, 541-547.	2.2	22
260	Polymerization of 1,3-butadiene by bis(salicylaldiminate)cobalt(II) catalysts combined with organoaluminium cocatalysts. <i>Catalysis Today</i> , 2008, 131, 505-512.	2.2	44
261	Multi-metal cyanide catalysts for ring-opening polymerization of propylene oxide. <i>Catalysis Today</i> , 2008, 132, 170-177.	2.2	13
262	Ethylene oligomerization/polymerization over a series of iminopyridyl Ni(II) bimetallic catalysts modulated electronically and sterically. <i>Applied Catalysis A: General</i> , 2008, 351, 36-44.	2.2	40
263	Facile Fabrication of Hollow Silica and Titania Microspheres Using Plasma-Treated Polystyrene Spheres as Sacrificial Templates. <i>Langmuir</i> , 2008, 24, 10552-10556.	1.6	57
264	Silica-deposited phospholipid nanotubules as a plausible drug targeting system. <i>Journal of Drug Targeting</i> , 2008, 16, 716-722.	2.1	8
265	Moderate route for the utilization of CO <sub>2</sub> -microwave induced copolymerization with cyclohexene oxide using highly efficient double metal cyanide complex catalysts based on Zn <sub>3</sub> [Co(CN) <sub>6</sub> ]. <i>Green Chemistry</i> , 2008, 10, 678.	4.6	61
266	Europium Complex Incorporated Mesoporous Silica for a Potential pH Sensor. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 492, 210/[574]-220/[584].	0.4	4
267	Mesoporous Silica Nanolayers Infiltrated with Hole-Transporting Molecules for Hybrid Organic Light-Emitting Devices. <i>ACS Nano</i> , 2008, 2, 1137-1142.	7.3	15
268	Integrated reactive ion etching to pattern cross-linked hydrophilic polymer structures for protein immobilization. <i>Applied Physics Letters</i> , 2007, 90, 144107.	1.5	3
269	Synthesis and Properties of Periodic Mesoporous Organosilicas Using Carbazole Precursor for Potential Optical Applications. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 463, 157/[439]-164/[446].	0.4	4
270	Fully Aliphatic Polyimides – Influence of Adamantane and Siloxane Moieties. <i>Macromolecular Symposia</i> , 2007, 249-250, 344-349.	0.4	10



#	ARTICLE	IF	CITATIONS
271	Effect of organosilica isomers on the interfacial interaction in polyimide/aromatic organosilica hybrids. <i>Journal of Applied Polymer Science</i> , 2007, 103, 2507-2513.	1.3	7
272	A Facile Preparative Method for Aggregation-Free Gold Nanoparticles Using Poly(styrene-block-cysteine). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5720-5723.	7.2	36
273	Synthesis and Conformation of Three-Dimensionally Ordered Macroporous Syndiotactic Polystyrene and Poly( <i>p</i> -methyl styrene). <i>Macromolecular Rapid Communications</i> , 2007, 28, 1534-1539.	2.0	4
274	Tuning of activity, induction period and polymer properties of double metal cyanide catalyzed ring-opening polymerizations of propylene oxide by using quaternary ammonium salts. <i>Polymer</i> , 2007, 48, 4361-4367.	1.8	32
275	Synthesis of ligand-selective ZnS nanocrystals exhibiting ligand-tunable fluorescence. <i>Journal of Colloid and Interface Science</i> , 2007, 316, 939-946.	5.0	5
276	Pd (II)-catalyzed vinyl addition polymerization of novel functionalized norbornene bearing dimethyl carboxylate groups. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3391-3399.	2.5	19
277	Synthesis of stable gold nanoparticle-polymeric micelle-conjugates: A new class of star molecular chimera that self-assemble into linear arrays of spherical micelles. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3570-3579.	2.5	22
278	Synthesis of star polymers via nitroxide mediated free radical polymerization: A core-first approach using resorcinarene-based alkoxyamine initiators. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5559-5572.	2.5	27
279	pH selective synthesis of ZnS nanocrystals and their growth and photoluminescence. <i>Materials Letters</i> , 2007, 61, 4267-4271.	1.3	26
280	Synthesis, characterization, and properties of fully aliphatic polyimides and their derivatives for microelectronics and optoelectronics applications. <i>Macromolecular Research</i> , 2007, 15, 114-128.	1.0	195
281	Modified montmorillonite as a tuner of propylene oxide polymerization behavior catalyzed by double metal cyanide compound. <i>Macromolecular Research</i> , 2007, 15, 202-204.	1.0	6
282	Synthesis of star-like random copolymers from resorcinarene-based octa-functional alkoxyamine initiator via nitroxide mediated free radical polymerization. <i>Macromolecular Research</i> , 2007, 15, 324-329.	1.0	5
283	Zn(II)-Co(III)-Fe(III) multi-metal cyanide complexes as highly active catalysts for ring-opening polymerization of propylene oxide. <i>Macromolecular Research</i> , 2007, 15, 393-395.	1.0	6
284	Quantitative analysis of unknown compositions in ternary polymer blends: A model study on NR/SBR/BR system. <i>Journal of Analytical and Applied Pyrolysis</i> , 2007, 78, 85-94.	2.6	86
285	Microfluidics assisted synthesis of well-defined spherical polymeric microcapsules and their utilization as potential encapsulants. <i>Lab on A Chip</i> , 2006, 6, 752.	3.1	62
286	Highly Stereospecific Polymerizations of 1,3-Butadiene with Cobalt(II) Pyridyl Bis(imine) Complexes. <i>E-Polymers</i> , 2006, 6, .	1.3	5
287	In-Situ Preparation of Binary-Phase Silver Nanoparticles at a High Ag <sup>+</sup> Concentration. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 777-782.	0.9	12
288	pH-Selective Synthesis of Monodisperse Nanoparticles and 3D Dendritic Nanoclusters of CTAB-Stabilized Platinum for Electrocatalytic O <sub>2</sub> Reduction. <i>Small</i> , 2006, 2, 870-873.	5.2	63

#	ARTICLE	IF	CITATIONS
289	Self-assembly of star-shaped polystyrene-block-polypeptide copolymers synthesized by the combination of atom transfer radical polymerization and ring-opening living polymerization of $\hat{\pm}$ -amino acid-N-carboxyanhydrides. <i>Journal of Polymer Science Part A</i> , 2006, 44, 2774-2783.	2.5	47
290	Synthesis and characterization of novel fully aliphatic polyimidosiloxanes based on alicyclic or adamantyl diamines. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5254-5270.	2.5	44
291	Functionalized periodic mesoporous organosilica fibers with longitudinal pore architectures under basic conditions. <i>Microporous and Mesoporous Materials</i> , 2006, 92, 201-211.	2.2	16
292	Advances in late transition metal catalysts for olefin polymerization/oligomerization. <i>Catalysis Surveys From Asia</i> , 2006, 10, 65-73.	1.0	17
293	One-step synthetic route for producing nanoslabs: Zn-oriented polycrystalline and single-crystalline zinc oxide. <i>Journal of Materials Science</i> , 2006, 41, 3263-3269.	1.7	6
294	Effect of a compatibilizer on the microstructure and properties of partially biodegradable LDPE/aliphatic polyester/organoclay nanocomposites. <i>Macromolecular Research</i> , 2006, 14, 179-186.	1.0	38
295	New tridentate ligands with mixed donor atoms for Cu-based atom transfer radical polymerization. <i>Macromolecular Research</i> , 2006, 14, 539-544.	1.0	9
296	Aliphatic polycarbonate synthesis by copolymerization of carbon dioxide with epoxides over double metal cyanide catalysts prepared by using ZnX <sub>2</sub> (X=F, Cl, Br, I). <i>Catalysis Today</i> , 2006, 111, 292-296.	2.2	106
297	Novel nickel(II)-based catalysts for the polymerization of ethylene. <i>Catalysis Today</i> , 2006, 111, 412-416.	2.2	10
298	Addition of carbon dioxide to allyl glycidyl ether using ionic liquids catalysts. <i>Catalysis Today</i> , 2006, 115, 130-133.	2.2	46
299	Fully aliphatic polyimides from adamantane-based diamines for enhanced thermal stability, solubility, transparency, and low dielectric constant. <i>Journal of Applied Polymer Science</i> , 2006, 102, 3316-3326.	1.3	74
300	Synthesis of Multinuclear Pyridylimine Based Palladium(II) Complexes with a Functionalized Star Polystyrene Core and Evaluation of Their Catalytic Activity Towards Ethylene Oligomerization. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1386-1392.	2.0	9
301	Drug Delivery System Based on Covalently Bonded Poly[N-Isopropylacrylamide-co-2-Hydroxyethylacrylate]-Based Nanoparticle Networks. <i>Drug Delivery</i> , 2006, 13, 245-251.	2.5	24
302	Ethylene oligomerizations to low-carbon linear $\hat{\pm}$ -olefins by structure modulated phenoxy-imine nickel(II) complexes combined with aluminum sesquichloride. <i>Applied Catalysis A: General</i> , 2005, 287, 98-107.	2.2	40
303	Isothermal crystallization behavior of metallocene-catalyzed isotactic polypropylene. <i>Journal of Applied Polymer Science</i> , 2005, 95, 231-237.	1.3	5
304	Graft Polymerization of Styrene from Single-Walled Carbon Nanotube using Atom Transfer Radical Polymerization. <i>Polymer Bulletin</i> , 2005, 55, 173-179.	1.7	25
305	Allyloxy- and benzyloxy-substituted pyridine-bis-imine iron(II) and cobalt(II) complexes for ethylene polymerization. <i>Macromolecular Research</i> , 2005, 13, 2-7.	1.0	12
306	Preparation and characterization of ZnS based nano-crystalline particles for polymer light-emitting diodes. <i>Current Applied Physics</i> , 2005, 5, 31-34.	1.1	82

#	ARTICLE	IF	CITATIONS
307	Copolymerization of phenyl glycidyl ether with carbon dioxide catalyzed by ionic liquids. Korean Journal of Chemical Engineering, 2005, 22, 556-559.	1.2	23
308	Bis(imino)pyridyl Co(II) and Fe(II) catalysts immobilized on SBA-15 mesoporous material: new highly active supported catalysts for the polymerization of ethylene. Catalysis Letters, 2005, 101, 249-253.	1.4	16
309	Ring-opening polymerizations of propylene oxide by double metal cyanide catalysts prepared with ZnX <sub>2</sub> (X = F, Cl, Br, or I). Journal of Polymer Science Part A, 2005, 43, 4393-4404.	2.5	49
310	Synthesis of poly(styrene-block-tert-butyl acrylate) star polymers by atom transfer radical polymerization and micellization of their hydrolyzed polymers. Journal of Polymer Science Part A, 2005, 43, 6367-6378.	2.5	42
311	Structure-Property Relationship of a Thermoplastic Vulcanizate (Tpv)/Layered Silicate Nanocomposites Prepared Using Maleic Anhydride Modified Polypropylene as a Compatibilizer. Rubber Chemistry and Technology, 2005, 78, 42-53.	0.6	15
312	Silica- and Silsesquioxane-Containing Polymer Nanohybrids. , 2005, , 133-160.		2
313	Synthesis and characterization of vinyl-functionalized SBA-15 by a direct synthesis grafting method. Studies in Surface Science and Catalysis, 2005, 156, 191-196.	1.5	1
314	Biodegradable Polycarbonate Synthesis by Copolymerization of Carbon Dioxide with Epoxides Using a Heterogeneous Zinc Complex. Macromolecular Symposia, 2005, 224, 181-192.	0.4	77
315	Polyimide as a Plastic Substrate for the Flexible Organic Electroluminescent Device. Materials Research Society Symposia Proceedings, 2004, 814, 278.	0.1	0
316	Aliphatic polycarbonate synthesis by alternating copolymerization of carbon dioxide with cyclohexene oxide using heterogeneous zinc complex. Studies in Surface Science and Catalysis, 2004, 153, 239-242.	1.5	5
317	Microstructure and properties of poly(butylene terephthalate) based nanocomposites. Composite Interfaces, 2004, 11, 335-346.	1.3	12
318	Comparative studies on the performance of immobilized quaternary ammonium salt catalysts for the addition of carbon dioxide to glycidyl methacrylate. Catalysis Today, 2004, 98, 499-504.	2.2	21
319	Polymerization of ethylene with (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> Zr(NMe <sub>2</sub> ) <sub>2</sub> cocatalyzed by common alkyl aluminums. Journal of Molecular Catalysis A, 2004, 210, 47-52.	4.8	4
320	Copolymerizations of ethylene with 1-decene over various ansa-metallocene complexes combined with Al(i-Bu) <sub>3</sub> / [CPh <sub>3</sub> ] [B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ] cocatalyst. Polymer Bulletin, 2004, 52, 133.	1.7	4
321	Copolymerizations of ethylene with 1-hexene overansa-metallocene diamide complexes. Macromolecular Research, 2004, 12, 316-321.	1.0	7
322	A new thermoplastic vulcanizate (TPV)/organoclay nanocomposite: Preparation, characterization, and properties. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 2900-2908.	2.4	27
323	Microstructure and properties of 3,3',4,4'-biphenyltetracarboxylic dianhydride (BPDA)-p-phenylene diamine (PDA) polyimide/poly(vinylsilsesquioxane) hybrid nanocomposite films. Journal of Polymer Science Part A, 2004, 42, 5189-5199.	2.5	28
324	Synthesis and Cyclohexene Oxide/Carbon Dioxide Copolymerizations of Zinc Acetate Complexes Bearing Bidentate Pyridine-Alkoxide Ligands. Macromolecular Rapid Communications, 2004, 25, 888-893.	2.0	21

#	ARTICLE	IF	CITATIONS
325	Polymerization of Vinyl Ethers by Iron(II) and Cobalt(II) Pyridyl Bis(imine) Complexes in the Presence of Methylaluminoxane. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1069-1072.	2.0	6
326	Synthesis of Chlorotitanium(IV) Schiff-Base Complexes and their Application to Styrene Polymerization. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1319-1323.	2.0	17
327	Heat Shrinkable Behavior and Mechanical Response of a Low-Density Polyethylene/Millable Polyurethane/Organoclay Ternary Nanocomposite. <i>Macromolecular Rapid Communications</i> , 2004, 25, 1851-1855.	2.0	21
328	Catalytic degradation of polystyrene using acid-treated halloysite clays. <i>Solid State Ionics</i> , 2004, 172, 129-133.	1.3	52
329	Bridged amine-functionalized mesoporous organosilica materials from 1,2-bis(triethoxysilyl)ethane and bis[(3-trimethoxysilyl)propyl]amine. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3439-3447.	1.4	89
330	Investigating the Crystalline Structure of Poly(vinylidene fluoride) (PVDF) in PVDF/Silica Binary and PVDF/Poly(methyl methacrylate)/Silica Ternary Hybrid Composites Using FTIR and Solid-State <sup>19</sup> F MAS NMR Spectroscopy. <i>Macromolecules</i> , 2004, 37, 429-436.	2.2	50
331	Preparation and properties of a new thermoplastic vulcanizate (TPV)/organoclay nanocomposite using maleic anhydride functionalized polypropylene as a compatibilizer. <i>Materials Letters</i> , 2004, 58, 3481-3485.	1.3	31
332	Synthesis of propylene carbonate from carbon dioxide and propylene oxide using ionic liquids. <i>Studies in Surface Science and Catalysis</i> , 2004, 153, 267-270.	1.5	3
333	Synthesis of poly(DOMA-co-AN) by addition of carbon dioxide to poly(GMA-co-AN) and the miscibility behavior of its blends with PEI. <i>Studies in Surface Science and Catalysis</i> , 2004, 153, 259-262.	1.5	0
334	Fluorescence Spectroscopic and Atomic Force Microscopic Studies on the Microstructure of Polyimide/Silica-Titania Ternary Hybrid Composites. <i>Macromolecular Research</i> , 2003, 11, 172-177.	1.0	7
335	Polymerization of methyl methacrylate with nickel $\beta$ -diimine catalysts: Effect of the methyl position in the ligand. <i>Macromolecular Research</i> , 2003, 11, 514-517.	1.0	11
336	Polymerization of Vinyl Ethers by $\beta$ -diimine/NiII/Methylaluminoxane Catalysts. <i>Macromolecular Rapid Communications</i> , 2003, 24, 949-951.	2.0	3
337	New Millable Polyurethane/Organoclay Nanocomposite: Preparation, Characterization and Properties. <i>Macromolecular Rapid Communications</i> , 2003, 24, 671-675.	2.0	83
338	Polymerization of Methyl Methacrylate with Ni(II) -Diimine/MAO and Fe(II) and Co(II) Pyridyl Bis(imine)/MAO. <i>Macromolecular Rapid Communications</i> , 2003, 24, 508-511.	2.0	71
339	Crystalline and viscoelastic properties of branched polyethylenes synthesized using bidentate nickel (II) catalyst. <i>Polymer</i> , 2003, 44, 8177-8184.	1.8	3
340	Selective oxidation of hydrogen sulfide over mixture catalysts of Sb <sub>2</sub> O <sub>3</sub> and Bi <sub>2</sub> O <sub>3</sub> . <i>Catalysis Today</i> , 2003, 87, 11-17.	2.2	9
341	Polymerization of propylene oxide by using double metal cyanide catalysts and the application to polyurethane elastomer. <i>Polymer</i> , 2003, 44, 3417-3428.	1.8	132
342	Microstructure and properties of polyimide/poly(vinylsilsesquioxane) hybrid composite films. <i>Polymer</i> , 2003, 44, 4705-4713.	1.8	82

#	ARTICLE	IF	CITATIONS
343	Preparation of Silica-Supported Bis(imino)pyridyl Iron(II) and Cobalt(II) Catalysts for Ethylene Polymerization. <i>Macromolecules</i> , 2003, 36, 6689-6691.	2.2	56
344	Triblock Copolymer Synthesis of Highly Ordered Large-Pore Periodic Mesoporous Organosilicas with the Aid of Inorganic Salts. <i>Chemistry of Materials</i> , 2003, 15, 2295-2298.	3.2	202
345	136 Synthesis of ultra-low monol polyether polyols by multi-metal catalysts. <i>Studies in Surface Science and Catalysis</i> , 2003, 145, 529-530.	1.5	4
346	Shape memory effect of poly(methylene-1,3-cyclopentane) and its copolymer with polyethylene. <i>Polymer International</i> , 2002, 51, 275-280.	1.6	25
347	Copolymerization of ethylene and 4-vinylcyclohexene by various metallocenes in the presence of Al(iBu) <sub>3</sub> /[Ph <sub>3</sub> C][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ]. <i>E-Polymers</i> , 2001, 1, .	1.3	0
348	Copolymerization of ethylene and 1,5-hexadiene by stereospecific metallocenes in the presence of Al(iBu) <sub>3</sub> /[Ph <sub>3</sub> C][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ]. <i>Polymer</i> , 2001, 42, 9393-9403.	1.8	25
349	Copolymerization of ethylene and 1-decene by metallocenes: Direct comparison of Me <sub>2</sub> C(Cp)(Flu)ZrMe <sub>2</sub> with Et(Cp)(Flu)ZrMe <sub>2</sub> . <i>Polymer Engineering and Science</i> , 2001, 41, 899-907.	1.5	5
350	Kinetics of propylene polymerization by hafnocene diamide catalyst. <i>Journal of Applied Polymer Science</i> , 2000, 75, 843-855.	1.3	3
351	Cyclopolymerization of 1,5-hexadiene catalyzed by various stereospecific metallocene compounds. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1520-1527.	2.5	29
352	Copolymerization of propylene and 1,5-hexadiene with stereospecific metallocene/Al(i-Bu) <sub>3</sub> /[Ph <sub>3</sub> C][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ]. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1590-1598.	2.5	22
353	Higher $\alpha$ -olefin polymerizations catalyzed byrac-Me <sub>2</sub> Si(1-C <sub>5</sub> H <sub>2</sub> -2-CH <sub>3</sub> -4-tBu) <sub>2</sub> Zr(NMe <sub>2</sub> ) <sub>2</sub> /Al(iBu) <sub>3</sub> /[Ph <sub>3</sub> C][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ]. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1687-1697.	2.5	41
354	Propylene polymerization withrac-(EBI)Zr(NC <sub>4</sub> H <sub>8</sub> ) <sub>2</sub> cocatalyzed by MAO or AlR <sub>3</sub> and anionic compounds. <i>Journal of Applied Polymer Science</i> , 1999, 71, 875-885.	1.3	8
355	Kinetics of propylene polymerization initiated byrac-Me <sub>2</sub> Si(1-C <sub>5</sub> H <sub>2</sub> -2-Me-4-tBu) <sub>2</sub> Zr(NMe <sub>2</sub> ) <sub>2</sub> /MAO catalyst. <i>Journal of Polymer Science Part A</i> , 1999, 37, 737-750.	2.5	14
356	MAO-free polymerization of propylene byrac- Me <sub>2</sub> Si(1-C <sub>5</sub> H <sub>2</sub> -2-Me-4-tBu) <sub>2</sub> Zr(NMe <sub>2</sub> ) <sub>2</sub> compound. <i>Journal of Polymer Science Part A</i> , 1999, 37, 1071-1082.	2.5	16
357	Ethylene/1-hexene copolymerizations by syndioselective metallocenes: Direct comparison of Me <sub>2</sub> C(Cp)(Flu)ZrMe <sub>2</sub> with Et(Cp)(Flu)ZrMe <sub>2</sub> . <i>Journal of Polymer Science Part A</i> , 1999, 37, 2763-2772.	2.5	10
358	The effect of AlR <sub>3</sub> on propylene polymerization byrac-(EBI)Zr(NMe <sub>2</sub> ) <sub>2</sub> /AlR <sub>3</sub> /[CPh <sub>3</sub> ][B(C <sub>6</sub> F <sub>5</sub> ) <sub>4</sub> ] catalyst. <i>Journal of Polymer Science Part A</i> , 1999, 37, 1523-1539.	2.5	23
359	Copolymerization of propene and 1-hexene using metallocene amide compounds. <i>Macromolecular Rapid Communications</i> , 1998, 19, 299-303.	2.0	23
360	Syndioselective propylene polymerization: Comparison of Me <sub>2</sub> C(Cp)(Flu)ZrMe <sub>2</sub> with Et(Cp)(Flu)ZrMe <sub>2</sub> . <i>Journal of Applied Polymer Science</i> , 1998, 70, 973-983.	1.3	5

#	ARTICLE	IF	CITATIONS
361	Copolymerization of propene and 1-hexene with isospecific and syndiospecific metallocene catalysts. <i>Polymer Bulletin</i> , 1998, 40, 415-421.	1.7	16
362	Synthesis, Structures, Dynamics, and Olefin Polymerization Behavior of Group 4 Metal (pyCAr <sub>2</sub> O) <sub>2</sub> M(NR <sub>2</sub> ) <sub>2</sub> Complexes Containing Bidentate Pyridine- <i>o</i> -Alkoxide Ancillary Ligands. <i>Organometallics</i> , 1997, 16, 3314-3323.	1.1	83
363	In situ activation of rac-(SBI)Zr(NMe <sub>2</sub> ) <sub>2</sub> for the polymerization of propylene. <i>Polymer Bulletin</i> , 1997, 39, 325-331.	1.7	15
364	Propylene Polymerization with ansa-Metallocene Amide Complexes. <i>Macromolecules</i> , 1996, 29, 489-491.	2.2	67
365	Compatibilizing effect of poly(methyl methacrylate) in polycarbonate/poly(acrylonitrile-co-butadiene-co-styrene) blend. <i>Journal of Applied Polymer Science</i> , 1996, 59, 557-560.	1.3	8
366	Copolymerization of ethylene and 1-butene with highly active Ti/MG bimetallic catalysts. Effect of partial activation by AlEt <sub>2</sub> Cl. <i>Macromolecular Rapid Communications</i> , 1995, 16, 113-118.	2.0	6
367	Kinetics of propylene polymerization in the initial acceleration stage. <i>Journal of Polymer Science Part A</i> , 1994, 32, 971-977.	2.5	6
368	Kinetics study of slurry-phase propylene polymerization with highly active Mg(OEt) <sub>2</sub> /benzoyl chloride/TiCl <sub>4</sub> catalyst. <i>Journal of Applied Polymer Science</i> , 1994, 52, 1739-1750.	1.3	18
369	Polymerization of propylene catalyzed over highly active and stereospecific catalysts synthesized with Mg(OEt) <sub>2</sub> /benzoyl chloride/TiCl <sub>4</sub> . <i>Journal of Polymer Science Part A</i> , 1992, 30, 2263-2271.	2.5	11
370	Computer simulation study of ethylene polymerization rate profile catalyzed over highly active Ziegler-Natta catalysts. <i>Industrial &amp; Engineering Chemistry Research</i> , 1991, 30, 2074-2079.	1.8	12
371	Kinetic study for the decay rate of ethylene polymerization catalyzed over silica supported TiCl <sub>4</sub> /MgCl <sub>2</sub> catalysts. <i>Korean Journal of Chemical Engineering</i> , 1990, 7, 95-99.	1.2	6
372	Kinetic study of ethylene polymerization by highly active silica supported TiCl <sub>4</sub> /MgCl <sub>2</sub> catalysts. <i>Journal of Applied Polymer Science</i> , 1990, 39, 837-854.	1.3	51
373	Morphological Study of HDPE Prepared with the Highly Active Silica Supported TiCl <sub>4</sub> /MgCl <sub>2</sub> Catalyst. <i>Polymer Journal</i> , 1989, 21, 697-707.	1.3	22
374	Polymerization of methyl methacrylate with nickel diimine catalysts: effect of the methyl position in the Ligand. , 0, , .		0
375	Copolymerizations of ethylene with 1-decene over various ansa-metallocene complexes combined with		