

Il Kim

List of Publications by Year in descending order

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376
papers

8,689
citations

41258

49
h-index

88477

70
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379
all docs

379
docs citations

379
times ranked

9281
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Dual Stimuli-Responsive Poly(<i>N</i> -isopropylacrylamide)- <i>b</i> -poly(<i>L</i> -histidine) Chimeric Materials for the Controlled Delivery of Doxorubicin into Liver Carcinoma. <i>Biomacromolecules</i> , 2013, 14, 1434-1443.	2.6	120
6	Iron and Cobalt Complexes of 2,3,7,8-Tetrahydroacridine-4,5,6-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
7	Biocompatible Poly(2-hydroxyethyl methacrylate)- <i>b</i> -poly(<i>L</i> -histidine) Hybrid Materials for pH-Sensitive Intracellular Anticancer Drug Delivery. <i>Advanced Functional Materials</i> , 2012, 22, 1058-1068.	7.8	107
8	Aliphatic polycarbonate synthesis by copolymerization of carbon dioxide with epoxides over double metal cyanide catalysts prepared by using ZnX ₂ (X=F, Cl, Br, I). <i>Catalysis Today</i> , 2006, 111, 292-296.	2.2	106
9	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. <i>International Journal of Nanomedicine</i> , 2015, 10, 3065.	3.3	104
10	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
11	Encapsulation of Single Small Gold Nanoparticles by Diblock Copolymers. <i>ChemPhysChem</i> , 2008, 9, 388-392.	1.0	98
12	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
13	Controllable Synthesis of Stereoregular Polyesters by Organocatalytic Alternating Copolymerizations of Cyclohexene Oxide and Norbornene Anhydrides. <i>Macromolecules</i> , 2015, 48, 3431-3437.	2.2	88
14	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
15	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
16	Synthesis, Structures, Dynamics, and Olefin Polymerization Behavior of Group 4 Metal (pyCAr ₂ O) ₂ M(NR ₂) ₂ Complexes Containing Bidentate Pyridine-Alkoxide Ancillary Ligands. <i>Organometallics</i> , 1997, 16, 3314-3323.	1.1	83
17	New Millable Polyurethane/Organoclay Nanocomposite: Preparation, Characterization and Properties. <i>Macromolecular Rapid Communications</i> , 2003, 24, 671-675.	2.0	83
18	Microstructure and properties of polyimide/poly(vinylsilsesquioxane) hybrid composite films. <i>Polymer</i> , 2003, 44, 4705-4713.	1.8	82

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19	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
20	A General and Efficient Route to Fabricate Carbon Nanotube-Metal Nanoparticles and Carbon Nanotube-Inorganic Oxides Hybrids. <i>Advanced Functional Materials</i> , 2010, 20, 3864-3873.	7.8	82
21	Synthesis of cyclic carbonate from vinyl cyclohexene oxide and CO ₂ using ionic liquids as catalysts. <i>Catalysis Today</i> , 2008, 131, 130-134.	2.2	79
22	Easy Synthesis of Hierarchical Carbon Spheres with Superior Capacitive Performance in Supercapacitors. <i>Langmuir</i> , 2013, 29, 12266-12274.	1.6	78
23	Biodegradable Polycarbonate Synthesis by Copolymerization of Carbon Dioxide with Epoxides Using a Heterogeneous Zinc Complex. <i>Macromolecular Symposia</i> , 2005, 224, 181-192.	0.4	77
24	Fabrication of Carbon Nanotube/SiO ₂ and Carbon Nanotube/SiO ₂ /Ag Nanoparticles Hybrids by Using Plasma Treatment. <i>Nanoscale Research Letters</i> , 2009, 4, 1384-1388.	3.1	76
25	Ethylene polymerization by sterically and electronically modulated Ni(II) π -diimine complexes. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1066-1082.	2.5	75
26	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
27	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
28	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
29	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
30	A low-bandgap alternating copolymer containing the dimethylbenzimidazole moiety. <i>Journal of Materials Chemistry</i> , 2010, 20, 6517.	6.7	68
31	Propylene Polymerization withansa-Metallocene Amide Complexes. <i>Macromolecules</i> , 1996, 29, 489-491.	2.2	67
32	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
33	Poly(PEGA)- <i>b</i> -poly(<i>b</i> -lysine)- <i>b</i> -poly(<i>b</i> -histidine) Hybrid Vesicles for Tumoral pH-Triggered Intracellular Delivery of Doxorubicin Hydrochloride. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21770-21779.	4.0	66
34	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
35	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
36	pH-Selective Synthesis of Monodisperse Nanoparticles and 3D Dendritic Nanoclusters of CTAB-Stabilized Platinum for Electrocatalytic O ₂ Reduction. <i>Small</i> , 2006, 2, 870-873.	5.2	63

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37	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
38	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
39	Moderate route for the utilization of CO ₂ -microwave induced copolymerization with cyclohexene oxide using highly efficient double metal cyanide complex catalysts based on Zn ₃ [Co(CN) ₆]. <i>Green Chemistry</i> , 2008, 10, 678.	4.6	61
40	Polymer- <i>Block</i> -Polypeptides and Polymer-Conjugated Hybrid Materials as Stimuli-Responsive Nanocarriers for Biomedical Applications. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1-39.	0.5	60
41	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
42	Recent Advances in Poly(\pm -L-glutamic acid)-Based Nanomaterials for Drug Delivery. <i>Biomolecules</i> , 2022, 12, 636.	1.8	57
43	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
44	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
45	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
46	Catalytic degradation of polystyrene using acid-treated halloysite clays. <i>Solid State Ionics</i> , 2004, 172, 129-133.	1.3	52
47	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
48	Kinetic study of ethylene polymerization by highly active silica supported TiCl ₄ /MgCl ₂ catalysts. <i>Journal of Applied Polymer Science</i> , 1990, 39, 837-854.	1.3	51
49	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
50	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 ¹⁹ F MAS NMR Spectroscopy. <i>Macromolecules</i> , 2004, 37, 429-436.	2.2	50
51	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
52	Ring-opening polymerizations of propylene oxide by double metal cyanide catalysts prepared with ZnX ₂ (X = F, Cl, Br, or I). <i>Journal of Polymer Science Part A</i> , 2005, 43, 4393-4404.	2.5	49
53	Microfluidic-Assisted Self-Assembly of Complex Dendritic Polyethylene Drug Delivery Nanocapsules. <i>Advanced Materials</i> , 2014, 26, 3118-3123.	11.1	49
54	Self-assembly of star-shaped polystyrene-block-polypeptide copolymers synthesized by the combination of atom transfer radical polymerization and ring-opening living polymerization of \pm -amino acid-N-carboxyanhydrides. <i>Journal of Polymer Science Part A</i> , 2006, 44, 2774-2783.	2.5	47

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55	Guided Assembly of Well-Defined Hierarchical Nanoporous Polymers by Lewis Acid-Base Interactions. <i>ACS Nano</i> , 2019, 13, 11753-11769.	7.3	47
56	Addition of carbon dioxide to allyl glycidyl ether using ionic liquids catalysts. <i>Catalysis Today</i> , 2006, 115, 130-133.	2.2	46
57	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
58	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
59	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
60	Hydrogels formed through regulated self-organization of gradually charging chitosan in solution of xanthan. <i>Green Chemistry</i> , 2010, 12, 1187.	4.6	44
61	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
62	Synthesis of poly(styrene-block-tert-butyl acrylate) star polymers by atom transfer radical polymerization and micellization of their hydrolyzed polymers. <i>Journal of Polymer Science Part A</i> , 2005, 43, 6367-6378.	2.5	42
63	Straightforward access to linear and cyclic polypeptides. <i>Communications Chemistry</i> , 2018, 1, .	2.0	42
64	Higher α -olefin polymerizations catalyzed byrac-Me ₂ Si(1-C ₅ H ₂ -2-CH ₃ -4-tBu) ₂ Zr(NMe ₂) ₂ /Al(iBu) ₃ /[Ph ₃ C][B(C ₆ F ₅) ₄]. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1687-1697.	2.5	41
65	Ethylene oligomerizations to low-carbon linear α -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
66	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
67	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
68	Stereospecific polymerizations of 1,3-butadiene catalyzed by Co(II) complexes ligated by 2,6-bis(benzimidazolyl)pyridines. <i>Journal of Molecular Catalysis A</i> , 2010, 325, 84-90.	4.8	39
69	Hyperbranched Polyglycidol Assisted Green Synthetic Protocols for the Preparation of Multifunctional Metal Nanoparticles. <i>Langmuir</i> , 2010, 26, 18442-18453.	1.6	39
70	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
71	NiMn ₂ O ₄ Nanosheet-Decorated Hierarchically Porous Polyaromatic Carbon Spheres for High-Performance Supercapacitors. <i>ChemElectroChem</i> , 2017, 4, 1214-1221.	1.7	39
72	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

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73	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
74	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
75	Low-bandgap poly(4H-cyclopenta[def]phenanthrene) derivatives with 4,7-dithienyl-2,1,3-benzothiadiazole unit for photovoltaic cells. <i>Polymer</i> , 2010, 51, 390-396.	1.8	35
76	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
77	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
78	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
79	Dual Stimuli-Responsive Vesicular Nanospheres Fabricated by Lipopolymer Hybrids for Tumor-Targeted Photodynamic Therapy. <i>Biomacromolecules</i> , 2016, 17, 20-31.	2.6	34
80	pH-Responsive Polypeptide-Based Smart Nano-Carriers for Theranostic Applications. <i>Molecules</i> , 2019, 24, 2961.	1.7	33
81	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
82	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
83	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
84	Phospho sulfonic acid: an efficient and recyclable solid acid catalyst for the solvent-free synthesis of β -hydroxyphosphonates and their anticancer properties. <i>New Journal of Chemistry</i> , 2015, 39, 3916-3922.	1.4	32
85	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
86	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
87	Tuning of the Activity and Induction Period of the Polymerization of Propylene Oxide Catalyzed by Double Metal Cyanide Complexes Bearing β -Alkoxy Alcohols as Complexing Agents. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 4107-4116.	1.8	31
88	Sulfonic Acid-Functionalized, Hyper-Cross-Linked Porous Polyphenols as Recyclable Solid Acid Catalysts for Esterification and Transesterification Reactions. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 11583-11591.	1.8	31
89	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
90	Microstructure and properties of 3,3',4,4'-biphenyltetracarboxylic dianhydride (BPDA)-p-phenylene diamine (PDA) polyimide/poly(vinylsilsesquioxane) hybrid nanocomposite films. <i>Journal of Polymer Science Part A</i> , 2004, 42, 5189-5199.	2.5	28

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91	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
92	Synthesis of High Molecular Weight Cyclic Poly(ϵ -caprolactone)s of Variable Ring Size Based on a Light-Induced Ring-Closure Approach. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1646-1650.	2.0	28
93	A new thermoplastic vulcanizate (TPV)/organoclay nanocomposite: Preparation, characterization, and properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 2900-2908.	2.4	27
94	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
95	Polymerization of methyl methacrylate by sterically modulated bis(salicylaldimate)-cobalt(II) complexes combined with methylaluminumoxane. <i>Macromolecular Research</i> , 2008, 16, 745-748.	1.0	27
96	Recent developments in polymer-block-polypeptide and protein-polymer bioconjugate hybrid materials. <i>European Polymer Journal</i> , 2013, 49, 2925-2948.	2.6	27
97	Anomalous Rheological Behavior of Dendritic Nanoparticle/Linear Polymer Nanocomposites. <i>Macromolecules</i> , 2015, 48, 3368-3375.	2.2	27
98	Facile and scalable synthesis of topologically nanoengineered polypeptides with excellent antimicrobial activities. <i>Chemical Communications</i> , 2020, 56, 356-359.	2.2	27
99	pH selective synthesis of ZnS nanocrystals and their growth and photoluminescence. <i>Materials Letters</i> , 2007, 61, 4267-4271.	1.3	26
100	Copolymerization of ethylene and 1,5-hexadiene by stereospecific metallocenes in the presence of Al(iBu) ₃ /[Ph ₃ C][B(C ₆ F ₅) ₄]. <i>Polymer</i> , 2001, 42, 9393-9403.	1.8	25
101	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
102	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
103	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
104	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
105	Dibutylamine-catalysed efficient one-pot synthesis of biologically potent pyrans. <i>Tetrahedron Letters</i> , 2015, 56, 717-720.	0.7	25
106	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
107	Aggregation-induced emission-active hyperbranched polymers conjugated with tetraphenylethylene for nitroaromatic explosive detection. <i>Dyes and Pigments</i> , 2021, 194, 109617.	2.0	25
108	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

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109	Microstructure and properties of rigid rod-like polyimide/flexible coil-like poly(amide-imide) molecular composite films. <i>Macromolecular Research</i> , 2010, 18, 14-21.	1.0	24
110	Conjugated copolymers based on dihexyl-benzimidazole moiety for organic photovoltaics. <i>Polymer</i> , 2010, 51, 5385-5391.	1.8	24
111	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
112	Copolymerization of propene and 1-hexene using metallocene amide compounds. <i>Macromolecular Rapid Communications</i> , 1998, 19, 299-303.	2.0	23
113	The effect of AlR ₃ on propylene polymerization byrac-(EBI)Zr(NMe ₂) ₂ /AlR ₃ /[CPh ₃][B(C ₆ F ₅) ₄] catalyst. <i>Journal of Polymer Science Part A</i> , 1999, 37, 1523-1539.	2.5	23
114	Copolymerization of phenyl glycidyl ether with carbon dioxide catalyzed by ionic liquids. <i>Korean Journal of Chemical Engineering</i> , 2005, 22, 556-559.	1.2	23
115	Synthesis and characterization of low-bandgap copolymers based on dihexylbenzimidazole and cyclopentadithiophene. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4567-4573.	2.5	23
116	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
117	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
118	Active palladium catalyst supported by bulky diimine ligand catalyzed Suzuki-Miyauracoupling reaction in water under phosphane-free and low catalyst loading conditions. <i>Applied Organometallic Chemistry</i> , 2014, 28, 221-224.	1.7	23
119	Efficient, Solvent-Free, Multicomponent Method for Organic-Base-Catalyzed Synthesis of β -Phosphonomalonates. <i>ACS Combinatorial Science</i> , 2015, 17, 691-697.	3.8	23
120	Catalyst-free ultrasonic-promoted multicomponent synthesis of tertiary α -amino phosphonates. <i>New Journal of Chemistry</i> , 2017, 41, 6653-6660.	1.4	23
121	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
122	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
123	Morphological Study of HDPE Prepared with the Highly Active Silica Supported TiCl ₄ /MgCl ₂ Catalyst. <i>Polymer Journal</i> , 1989, 21, 697-707.	1.3	22
124	Copolymerization of propylene and 1,5-hexadiene with stereospecific metallocene/Al(i-Bu) ₃ /[Ph ₃ C][B(C ₆ F ₅) ₄]. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1590-1598.	2.5	22
125	Synthesis of stable α -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
126	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

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127	Self-Assembly of Morphology-Tunable Architectures from Tetraarylmethane Derivatives for Targeted Drug Delivery. <i>Langmuir</i> , 2013, 29, 3223-3233.	1.6	22
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