Il Kim

List of Publications by Year
in descending order

376 papers	8,689 citations	41344 49 h-index	88630 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. Nano Research, 2022, 15, 5556-5568.	10.4	50
2	Recent Advances in Poly(Î±-L-glutamic acid)-Based Nanomaterials for Drug Delivery. Biomolecules, 2022, 12, 636.	4.0	57
3	Synthetic Polypeptides with Cationic Arginine Moieties Showing High Antimicrobial Activity in Similar Mineral Environments to Blood Plasma. Polymers, 2022, 14, 1868.	4.5	4
4	Highly Active Heterogeneous Double Metal Cyanide Catalysts for Ring-Opening Polymerization of Cyclic Monomers. Polymers, 2022, 14, 2507.	4.5	9
5	Organocatalyzed chemo-selective one-pot upcycling of polyester-block-polycarbonate. Polymer Degradation and Stability, 2022, 203, 110053.	5.8	1
6	Functional polyesters via the regioselective ring-opening copolymerizations of norbornene anhydride with epichlorohydrin. Polymer, 2021, 213, 123199.	3.8	9
7	Aggregation-induced emission-active hyperbranched polymer-based nanoparticles and their biological imaging applications. Dyes and Pigments, 2021, 186, 108975.	3.7	17
8	Efficient Synthesis of Folate-Conjugated Hollow Polymeric Capsules for Accurate Drug Delivery to Cancer Cells. Biomacromolecules, 2021, 22, 732-742.	5.4	46
9	Effect of dicarbonyl complexing agents on double metal cyanide catalysts toward copolymerization of CO2 and propylene oxide. Catalysis Today, 2021, 375, 335-342.	4.4	18
10	Effect of Î±-, Î²-, Î³-, and Î´-dicarbonyl complexing agents on the double metal cyanide-catalyzed ring-opening polymerization of propylene oxide. Catalysis Today, 2021, 375, 429-440.	4.4	16
11	Tunable construction of biphenyl-based porous polymeric nanostructures and their synergistically enhanced performance in pollutant adsorption and energy storage. Microporous and Mesoporous Materials, 2021, 312, 110800.	4.4	12
12	Hardness Modulated Thermoplastic Poly(ether ester) Elastomers for the Automobile Weather-Strip Application. Polymers, 2021, 13, 525.	4.5	9
13	Synthesis of 3â€Indole Substituted Sulfonyl 4Hâ€Chromenes Using Recyclable Cyclometrix Polyphosphazeneâ€Base Catalysts. ChemistrySelect, 2021, 6, 2335-2342.	1.5	6
14	Heterogeneous Double Metal Cyanide Catalyzed Synthesis of Poly(Îµ-caprolactone) Polyols for the Preparation of Thermoplastic Elastomers. Catalysts, 2021, 11, 1033.	3.5	6
15	Degradable pH-responsive polymer prodrug micelles with aggregation-induced emission for cellular imaging and cancer therapy. Reactive and Functional Polymers, 2021, 166, 104966.	4.1	15
16	Two-tailed tadpole-shaped synthetic polymer polypeptide bioconjugate nanomicelles for enhanced chemo-photothermal therapy. Polymer, 2021, 230, 124061.	3.8	3
17	Aggregation-induced emission-active hyperbranched polymers conjugated with tetraphenylethylene for nitroaromatic explosive detection. Dyes and Pigments, 2021, 194, 109617.	3.7	25
18	N-Heterocyclic Carbene-Catalyzed Random Copolymerization of N-Carboxyanhydrides of Î±-Amino Acids. Polymers, 2021, 13, 3674.	4.5	0

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19	Access to Ultra-High Molecular Weight Poly(propylene glycol)-Based Polyols Using Double Metal Cyanide Catalyst. Macromolecular Research, 2020, 28, 82-85.	2.4	1
20	Facile and scalable synthesis of topologically nanoengineered polypeptides with excellent antimicrobial activities. Chemical Communications, 2020, 56, 356-359.	4.1	27
21	Bio-based healable non-isocyanate polyurethanes driven by the cooperation of disulfide and hydrogen bonds. Polymer Chemistry, 2020, 11, 7524-7532.	3.9	52
22	Bio-based polyesters synthesized by ring-opening copolymerizations of eugenyl glycidyl ether and cyclic anhydrides using a binuclear [OSSO]CrCl complex. Green Chemistry, 2020, 22, 5742-5750.	9.0	17
23	Multistimuli-Responsive Polymeric Vesicles for Accelerated Drug Release in Chemo-photothermal Therapy. ACS Biomaterials Science and Engineering, 2020, 6, 5012-5023.	5.2	20
24	Sulfonic acid modified hollow polymer nanospheres with tunable wall-thickness for improving biodiesel synthesis efficiency. Green Chemistry, 2020, 22, 3572-3583.	9.0	37
25	Multi-stimuli-responsive nanomicelles fabricated using synthetic polymer polylysine conjugates for tumor microenvironment dependent drug delivery. Journal of Materials Chemistry B, 2020, 8, 5745-5755.	5.8	18
26	Thermomechanical properties of poly(1â€butene) synthesized by Zieglerâ€“Natta catalyzed polymerization of 1â€butene in the presence of nucleating agents. Polymer International, 2020, 69, 1237-1242.	3.1	1
27	Photoâ€and pHâ€Responsive Polycarbonate Block Copolymer Prodrug Nanomicelles for Controlled Release of Doxorubicin. Macromolecular Bioscience, 2020, 20, e2000118.	4.1	22
28	Kinetic and Mechanistic Study of Heterogeneous Double Metal Cyanide-Catalyzed Ring-Opening Multibranching Polymerization of Glycidol. Macromolecules, 2020, 53, 2051-2060.	4.8	19
29	Carbon Dioxide Based Poly(ether carbonate) Polyol in Bi-polyol Mixtures for Rigid Polyurethane Foams. Journal of Polymers and the Environment, 2020, 28, 1160-1168.	5.0	10
30	A systematic study of hexavalent chromium adsorption and removal from aqueous environments using chemically functionalized amorphous and mesoporous silica nanoparticles. Scientific Reports, 2020, 10, 5558.	3.3	69
31	Chimeric poly(N-isopropylacrylamide)-b-poly(3,4-dihydroxy-L-phenylalanine) nanocarriers for temperature/pH dual-stimuli-responsive theranostic application. Reactive and Functional Polymers, 2020, 152, 104595.	4.1	10
32	Poly(N-isopropylacrylamide)-b-Poly(L-lysine)-b-Poly(L-histidine) Triblock Amphiphilic Copolymer Nanomicelles for Dual-Responsive Anticancer Drug Delivery. Journal of Nanoscience and Nanotechnology, 2020, 20, 6959-6967.	0.9	2
33	Nano Aggregate Formation Through Self-Assembly of Poly(L-lysine)-Block-Poly(Î³-benzyl-L-glutamate)-Graft-Poly(ethylene glycol) Copolymer. Journal of Nanoscience and Nanotechnology, 2020, 20, 6968-6974.	0.9	1
34	Alkoxy-Substituted Dicyclopentadienedichloropalladium(II) Complexes for the Vinyl Polymerization of 5-Ethylidene-2-Norbornene. Macromolecular Research, 2019, 27, 926-929.	2.4	1
35	pH-Responsive Polypeptide-Based Smart Nano-Carriers for Theranostic Applications. Molecules, 2019, 24, 2961.	3.8	33
36	Guided Assembly of Well-Defined Hierarchical Nanoporous Polymers by Lewis Acidâ€“Base Interactions. ACS Nano, 2019, 13, 11753-11769.	14.6	47

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37	Acylation of Phenols, Alcohols, Thiols, Amines and Aldehydes Using Sulfonic Acid Functionalized Hyper-Cross-Linked Poly(2-naphthol) as a Solid Acid Catalyst. Catalysis Letters, 2019, 149, 2696-2705.	2.6	12
38	Mussel-Inspired Poly(3,4-dihydroxy-L-phenylalanine)-Block-Poly(Î³-benzyl-L-glutamate) Bioconjugate-Assisted Green Synthesis of Silver Nanoparticles. Journal of Nanoscience and Nanotechnology, 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. Journal of Nanoscience and Nanotechnology, 2019, 19, 6341-6346.	0.9	2
40	Highly efficient synthesis of pyrazolylphosphonate derivatives in biocompatible deep eutectic solvent. Molecular Catalysis, 2019, 473, 110396.	2.0	9
41	Palladium Nanoparticle-Decorated Porous Carbon Nanoflakes as High-Activity Catalyst for Electrooxidation of Alcohol. Journal of Nanoscience and Nanotechnology, 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. ACS Omega, 2019, 4, 7944-7952.	3.5	17
43	Mechanistic insights on Zn(II)â˜Co(III) double metal cyanide-catalyzed ring-opening polymerization of epoxides. Journal of Catalysis, 2019, 372, 86-102.	6.2	55
44	Sulfonic acid functionalized hyper-cross-linked polymer: An efficient heterogeneous acid catalyst for the synthesis of N-containing bisphosphonates. Catalysis Communications, 2019, 126, 15-20.	3.3	14
45	Synthesis of Stimuli-Responsive Heterofunctional Dendrimer by Passerini Multicomponent Reaction. ACS Omega, 2019, 4, 6660-6668.	3.5	20
46	Catalystâ€Free Synthesis of Xanthene and Pyrimidineâ€Fused Heterocyclic Derivatives at Waterâ€Ethanol Medium and Their Antioxidant Properties. ChemistrySelect, 2019, 4, 644-649.	1.5	23
47	Fabrication of Microspheres of Five Commodity Polymers Employing the Same Protocol. Macromolecular Research, 2018, 26, 291-293.	2.4	0
48	Synthesis of Bis(indolyl)methanes Using Hyper-Cross-Linked Polyaromatic Spheres Decorated with Bromomethyl Groups as Efficient and Recyclable Catalysts. ACS Omega, 2018, 3, 2242-2253.	3.5	43
49	Functional Hyperâ€Crosslinked Polypyrene for Reductive Decolorization of Industrial Dyes and Effective Mercury Removal from Aqueous Media. ChemPlusChem, 2018, 83, 1078-1087.	2.8	6
50	Sulfonic acid-functionalized organic knitted porous polyaromatic microspheres as heterogeneous catalysts for biodiesel production. New Journal of Chemistry, 2018, 42, 12745-12753.	2.8	24
51	Fabrication and Characterization of the Graphene Composites Containing Embedded Manganese Dioxide Nanoparticles. Journal of Nanoscience and Nanotechnology, 2018, 18, 284-287.	0.9	2
52	Straightforward access to linear and cyclic polypeptides. Communications Chemistry, 2018, 1, .	4.5	42
53	Sulfonic Acid-Functionalized, Hyper-Cross-Linked Porous Polyphenols as Recyclable Solid Acid Catalysts for Esterification and Transesterification Reactions. Industrial & Engineering Chemistry Research, 2018, 57, 11583-11591.	3.7	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. Applied Catalysis A: General, 2017, 538, 9-18.	4.3	25

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55	NiMn₂O₄ Nanosheetâ€Decorated Hierarchically Porous Polyaromatic Carbon Spheres for Highâ€Performance Supercapacitors. ChemElectroChem, 2017, 4, 1214-1221.	3.4	39
56	A Hyper-cross-linked Polynaphthalene Semiconductor with Excellent Visible-Light Photocatalytic Performance in the Degradation of Organic Dyes. Langmuir, 2017, 33, 1867-1871.	3.5	20
57	Carbon Dioxide-Based Polyols as Sustainable Feedstock of Thermoplastic Polyurethane for Corrosion-Resistant Metal Coating. ACS Sustainable Chemistry and Engineering, 2017, 5, 3871-3881.	6.7	87
58	Biomimetic pH/redox dual stimuliâ€responsive zwitterionic polymer block poly(_Lâ€histidine) micelles for intracellular delivery of doxorubicin into tumor cells. Journal of Polymer Science Part A, 2017, 55, 2061-2070.	2.3	32
59	Highly efficient green synthesis of Î±-hydroxyphosphonates using a recyclable choline hydroxide catalyst. New Journal of Chemistry, 2017, 41, 5373-5379.	2.8	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. Macromolecular Research, 2017, 25, 474-477.	2.4	3
61	pH/redox dual stimuli-responsive sheddable nanodaisies for efficient intracellular tumour-triggered drug delivery. Journal of Materials Chemistry B, 2017, 5, 5027-5036.	5.8	35
62	Catalyst-free ultrasonic-promoted multicomponent synthesis of tertiary Î±-amino phosphonates. New Journal of Chemistry, 2017, 41, 6653-6660.	2.8	23
63	Sulfated choline ionic liquid-catalyzed acetamide synthesis by grindstone method. Tetrahedron Letters, 2017, 58, 1595-1599.	1.4	19
64	Tris(hydroxymethyl)aminomethane as an efficient organobase catalyst for the synthesis of Î²-phosphonomalonates. Tetrahedron Letters, 2017, 58, 410-414.	1.4	13
65	Hyper-Cross-Linked Polypyrene Spheres Functionalized with 3-Aminophenylboronic Acid for the Electrochemical Detection of Diols. ACS Omega, 2017, 2, 7506-7514.	3.5	11
66	Power conversion of poly[2-methoxy-5-(2â€²-ethylhexyloxy)-p-phenylenevinylene] (MEH-PPV)/perovskite solar cells: Effect of trans-cis isomerization and molecular weight. Macromolecular Research, 2017, 25, 956-959.	2.4	0
67	Targeted MRI contrast agent based on hyperbranched lipopolymer hybrids. Journal of Controlled Release, 2017, 259, e63-e64.	9.9	0
68	Dual stimuli-responsive lipopolymer vesicular nanosphere for site specific doxorubicin delivery. Journal of Controlled Release, 2017, 259, e178-e179.	9.9	0
69	Glutathione and endosomal pH-responsive hybrid vesicles fabricated by zwitterionic polymer block poly(l -aspartic acid) as a smart anticancer delivery platform. Reactive and Functional Polymers, 2017, 119, 47-56.	4.1	23
70	Phosphorusâ€containing thermoplastic poly(ether ester) elastomers showing intrinsic flame retardancy. Journal of Applied Polymer Science, 2017, 134, 45478.	2.6	5
71	Fabrication of Pr-PVP-Co-Doped NanoTiO₂Film on Titanium Matrix with Outstanding Electrocatalytic Reduction Activity for Oxalic Acid. Journal of the Electrochemical Society, 2017, 164, E260-E264.	2.9	1
72	Synthesis of Polycarbonate Polyols by Double-Metal Cyanide Catalyzed Copolymerization of Epoxide with Carbon Dioxide. Journal of Nanoscience and Nanotechnology, 2017, 17, 7507-7514.	0.9	6

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73	Dumbbell-Type Hyperbranched-Polyglycidol-Assisted Green Synthesis of Metal Nanoparticles. Journal of Nanoscience and Nanotechnology, 2017, 17, 7373-7380.	0.9	1
74	Palladium Nanoparticle-Decorated Porous Carbon Spheres as High-Activity Catalyst in the Electrooxidation of Alcohol. Journal of Nanoscience and Nanotechnology, 2017, 17, 7668-7671.	0.9	2
75	Phospholipid Endâ€Capped Acidâ€Degradable Polyurethane Micelles for Intracellular Delivery of Cancer Therapeutics. Advanced Healthcare Materials, 2016, 5, 1874-1883.	7.6	10
76	An Efficient Three-Component Synthesis of Benzimidazo[1,2-a]-quinoline-6-carbonitriles. Synlett, 2016, 27, 1844-1847.	1.8	15
77	Conjugated polymers containing 6-(2-thienyl)-4H-thieno[3,2-b]indole (TTI) and isoindigo for organic photovoltaics. Polymer, 2016, 95, 36-44.	3.8	18
78	Syntheses of pyrimidineâ€based polymers containing electronâ€withdrawing substituent with high open circuit voltage and applications for polymer solar cells. Journal of Polymer Science Part A, 2016, 54, 771-784.	2.3	7
79	Tumor homing indocyanine green encapsulated micelles for near infrared and photoacoustic imaging of tumors. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 825-834.	3.4	18
80	Syntheses of PCDTBT containing tetrafluorobenzene as electron-withdrawing group with deep HOMO energy level andÂapplications for photovoltaics. Polymer, 2016, 102, 84-91.	3.8	4
81	Phospholipid End-Capped Bioreducible Polyurea Micelles as a Potential Platform for Intracellular Drug Delivery of Doxorubicin in Tumor Cells. ACS Biomaterials Science and Engineering, 2016, 2, 1883-1893.	5.2	10
82	Broadening the range of vesicle formation by heating. RSC Advances, 2016, 6, 98639-98645.	3.6	2
83	Syntheses and Properties of Conjugated Polymer with Thiopheneâ€Bridged BTI and Indenoindene Units for Organic Solar Cells. Bulletin of the Korean Chemical Society, 2016, 37, 506-514.	1.9	1
84	Hierarchically nanostructured carbon-supported manganese oxide for high-performance pseudo-capacitors. Korean Journal of Chemical Engineering, 2016, 33, 2228-2234.	2.7	18
85	Effect of chainâ€extender modification on the structure and properties of thermoplastic poly(ether) Tj ETQq1 1 0.784314 rgBT /Overlo	2.6	4
86	Conjugated polymers containing pyrimidine with electron withdrawing substituents for organic photovoltaics with high open-circuit voltage. Polymer, 2016, 83, 50-58.	3.8	16
87	6-(2-Thienyl)-4H-thieno[3,2-b]indole based conjugated polymers with low bandgaps for organic solar cells. Synthetic Metals, 2016, 213, 25-33.	3.9	13
88	Tungstosulfonic acid as an efficient solid acid catalyst for acylal synthesis for the protection of the aldehydic carbonyl group. New Journal of Chemistry, 2016, 40, 687-693.	2.8	18
89	Dual Stimuli-Responsive Vesicular Nanospheres Fabricated by Lipopolymer Hybrids for Tumor-Targeted Photodynamic Therapy. Biomacromolecules, 2016, 17, 20-31.	5.4	34
90	Phosphatidylethanolamine polyglycidol bioconjugates for controlled drug delivery. Journal of Controlled Release, 2015, 213, e45.	9.9	0

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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.	9.9	4
92	Synthesis of High Molecular Weight Cyclic Poly(Îµâ€caprolactone)s of Variable Ring Size Based on a Lightâ€Induced Ringâ€Closure Approach. Macromolecular Rapid Communications, 2015, 36, 1646-1650.	3.9	28
93	Syntheses and Properties of Copolymers with Nâ€Alkylâ€2,2â€²â€bithopheneâ€3,3â€²â€dicarboximide Unit for Polymer Solar Cells. Bulletin of the Korean Chemical Society, 2015, 36, 2238-2246.	1.9	3
94	Simultaneous extraction of phosphatidylcholine and phosphatidylethanolamine from soybean lecithin. European Journal of Lipid Science and Technology, 2015, 117, 1647-1654.	1.5	15
95	Nitric oxide-releasing poly(lactic-co-glycolic acid)-polyethylenimine nanoparticles for prolonged nitric oxide release, antibacterial efficacy, and in vivo wound healing activity. International Journal of Nanomedicine, 2015, 10, 3065.	6.7	104
96	Controllable Synthesis of Stereoregular Polyesters by Organocatalytic Alternating Copolymerizations of Cyclohexene Oxide and Norbornene Anhydrides. Macromolecules, 2015, 48, 3431-3437.	4.8	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.	2.3	2
98	Hyperbranched polyglycidol/phosphatidylcholine and phosphatidylethanolamine hybrid liposomes for the pH-sensitive delivery of doxorubicin. Journal of Controlled Release, 2015, 213, e44.	9.9	2
99	Polymer-<I>Block</I>-Polypeptides and Polymer-Conjugated Hybrid Materials as Stimuli-Responsive Nanocarriers for Biomedical Applications. Journal of Biomedical Nanotechnology, 2015, 11, 1-39.	1.1	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.	3.9	16
101	Syntheses and solar cell applications of conjugated copolymers containing tetrafluorophenylene units. Polymer, 2015, 71, 113-121.	3.8	5
102	Phospho sulfonic acid: an efficient and recyclable solid acid catalyst for the solvent-free synthesis of Î±-hydroxyphosphonates and their anticancer properties. New Journal of Chemistry, 2015, 39, 3916-3922.	2.8	32
103	Anomalous Rheological Behavior of Dendritic Nanoparticle/Linear Polymer Nanocomposites. Macromolecules, 2015, 48, 3368-3375.	4.8	27
104	Trifluoromethyl benzimidazole-based conjugated polymers with deep HOMO levels for organic photovoltaics. Synthetic Metals, 2015, 205, 112-120.	3.9	14
105	Synthesis and photovoltaic properties of alkoxy-benzimidazole containing low band gap polymers. Thin Solid Films, 2015, 580, 29-35.	1.8	6
106	2,2-dimethyl-2H-benzimidazole based small molecules for organic solar cells. Macromolecular Research, 2015, 23, 214-222.	2.4	15
107	Poly(PEGA)-b-poly(<scp>L</scp>-lysine)-b-poly(<scp>L</scp>-histidine) Hybrid Vesicles for Tumoral pH-Triggered Intracellular Delivery of Doxorubicin Hydrochloride. ACS Applied Materials & Interfaces, 2015, 7, 21770-21779.	8.0	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.	9.9	3

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109	Efficient, Solvent-Free, Multicomponent Method for Organic-Base-Catalyzed Synthesis of Î²-Phosphonomalonates. ACS Combinatorial Science, 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. Journal of Controlled Release, 2015, 213, e80-e81.	9.9	0
111	Folic acid-tethered poly(N-isopropylacrylamide)â€“phospholipid hybrid nanocarriers for targeted drug delivery. Journal of Materials Chemistry B, 2015, 3, 8268-8278.	5.8	9
112	Biodegradable poly(ethylene glycol) methyl ether acrylate- b -poly(l -lysine)- b -poly(l -histidine) triblock copolypeptides for non-viral gene delivery. Journal of Controlled Release, 2015, 213, e93-e94.	9.9	0
113	Dibutylamine-catalysed efficient one-pot synthesis of biologically potent pyrans. Tetrahedron Letters, 2015, 56, 717-720.	1.4	25
114	Non-Covalently Functionalized Carbon Nanostructures for Synthesizing Carbon-Based Hybrid Nanomaterials. Journal of Nanoscience and Nanotechnology, 2014, 14, 1425-1440.	0.9	17
115	Palladium Nanoparticles Decorated Mesoporous Carbon Spheres as Catalyst for Reduction of 4-Nitrophenol. Journal of Nanoscience and Nanotechnology, 2014, 14, 8771-8776.	0.9	6
116	Hexafunctional poly(propylene glycol) based hydrogels for the removal of heavy metal ions. Journal of Applied Polymer Science, 2014, 131, .	2.6	4
117	Synthesis of the Copolymer Based on Diketopyrrolopyrrole with Didecyl Chain for OPVs. Molecular Crystals and Liquid Crystals, 2014, 600, 88-98.	0.9	1
118	Lipoâ€Poly(Lâ€histidine) Hybrid Materials with pHâ€Sensitivity, Intracellular Delivery Efficiency, and Intrinsic Targetability to Cancer Cells. Macromolecular Rapid Communications, 2014, 35, 888-894.	3.9	18
119	Ring-opening polymerization of propylene oxide by double metal cyanide catalysts prepared by reacting CoCl2 with various metal cyanide salts. Catalysis Today, 2014, 232, 75-81.	4.4	19
120	Synthesis of 2-amino-3-cyano-4H-chromen-4-ylphosphonates and their anticancer properties. European Journal of Medicinal Chemistry, 2014, 76, 61-66.	5.5	40
121	Active palladium catalyst supported by bulky diimine ligand catalyzed Suzukiâ€“Miyauracoupling reaction in water under phosphaneâ€free and low catalyst loading conditions. Applied Organometallic Chemistry, 2014, 28, 221-224.	3.5	23
122	Hyperbranched aliphatic polyether esters by ringâ€opening polymerization of epoxidized 2â€hydroxyethyl methacrylate. Journal of Polymer Science Part A, 2014, 52, 1643-1651.	2.3	4
123	Poly(l-histidine)-containing polymer bioconjugate hybrid materials as stimuli-responsive theranostic systems. Journal of Applied Polymer Science, 2014, 131, n/a-n/a.	2.6	28
124	Tetramethyl guanidinium chlorosulfonate as a highly efficient and recyclable organocatalyst for the preparation of bis(indolyl)methane derivatives. Catalysis Communications, 2014, 57, 55-59.	3.3	32
125	Controlled accommodation of metal nanostructures within the matrices of polymer architectures through solution-based synthetic strategies. Progress in Polymer Science, 2014, 39, 1878-1907.	24.7	25
126	Poly(2-Hydroxyethyl Methacrylate)-b-Poly(<scp>L</scp>-Lysine) Cationic Hybrid Materials for Non-Viral Gene Delivery in NIH 3T3 Mouse Embryonic Fibroblasts. Macromolecular Bioscience, 2014, 14, 1239-1248.	4.1	13

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127	Phospho sulfonic acid as an efficient and recyclable solid acid catalyst for the solvent-free preparation of acylals. Tetrahedron Letters, 2014, 55, 5373-5376.	1.4	25
128	Fabrication of ordered honeycomb structures and microspheres using polystyrene-block-poly(tert-butyl acrylate) star polymers. Journal of Polymer Research, 2014, 21, 1.	2.4	8
129	Highly active bifunctional cobalt-salen complexes for the synthesis of poly(ester-block-carbonate) copolymerviaterpolymerization of carbon dioxide, propylene oxide, and norbornene anhydride isomer: Roles of anhydride conformation consideration. Journal of Polymer Science Part A, 2014, 52, 789-795.	2.3	62
130	Crosslinked Poly(ethylene glycol) Hydrogels with Degradable Phosphamide Linkers Used as a Drug Carrier in Cancer Therapy. Macromolecular Bioscience, 2014, 14, 401-410.	4.1	11
131	MgCl2-supported TiCl4catalysts containing diethyl norbornene-2,3-dicarboxylate internal electron donor for 1-butene polymerization: Effects of internal electron donor configuration. Journal of Applied Polymer Science, 2014, 131, n/a-n/a.	2.6	4
132	Microfluidicâ€Assisted Selfâ€Assembly of Complex Dendritic Polyethylene Drug Delivery Nanocapsules. Advanced Materials, 2014, 26, 3118-3123.	21.0	49
133	Recent developments in polymerâ€“blockâ€“polypeptide and proteinâ€“polymer bioconjugate hybrid materials. European Polymer Journal, 2013, 49, 2925-2948.	5.4	27
134	Hyperbranched polyglycerol hydrogels prepared through biomimetic mineralization. Colloids and Surfaces B: Biointerfaces, 2013, 103, 31-37.	5.0	14
135	Synthesis of the novel 2,2-bithiophene-3,3-dicarboximide-based conjugated copolymers for OPVs. Synthetic Metals, 2013, 177, 65-71.	3.9	8
136	Water-soluble paclitaxel by conjugation to hyperbranched polyglycidols. Journal of Materials Science, 2013, 48, 5163-5170.	3.7	2
137	Easy Synthesis of Hierarchical Carbon Spheres with Superior Capacitive Performance in Supercapacitors. Langmuir, 2013, 29, 12266-12274.	3.5	78
138	Low bandgap small molecules based on 2,2-bithiophene-3,3-dicarboximide for soluble-processed solar cells. Synthetic Metals, 2013, 183, 16-23.	3.9	7
139	Synthesis of 2-amino-3-cyano-4H-chromen-4-ylphosphonates and 2-amino-4H-chromenes catalyzed by tetramethylguanidine. Tetrahedron, 2013, 69, 10544-10551.	1.9	51
140	Self-Assembly of Morphology-Tunable Architectures from Tetraarylmethane Derivatives for Targeted Drug Delivery. Langmuir, 2013, 29, 3223-3233.	3.5	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. Macromolecular Research, 2013, 21, 118-121.	2.4	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. Langmuir, 2013, 29, 65-74.	3.5	9
143	Nontoxic poly(ethylene oxide phosphonamidate) hydrogels as templates for biomimetic mineralization of calcium carbonate and hydroxyapatite architectures. Journal of Materials Science, 2013, 48, 288-298.	3.7	8
144	Synthesis and properties of the conjugated polymers with indenoindene and benzimidazole units for organic photovoltaics. Journal of Polymer Science Part A, 2013, 51, 241-249.	2.3	14

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