

Dawei Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1457040/publications.pdf>

Version: 2024-02-01

204
papers

4,590
citations

101543

36
h-index

155660

55
g-index

206
all docs

206
docs citations

206
times ranked

4807
citing authors

#	ARTICLE	IF	CITATIONS
1	BTP@Rh@g-C ₃ N ₄ as an efficient recyclable catalyst for dehydrogenation and borrowing hydrogen reactions. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6504.	3.5	3
2	QTL mapping for growth-related traits by constructing the first genetic linkage map in Simao pine. <i>BMC Plant Biology</i> , 2022, 22, 48.	3.6	5
3	Multistage drawing scCO ₂ -assisted ultrahigh molecular weight polyethylene/activated nanocarbon fibers and their performance. <i>Journal of Polymer Research</i> , 2022, 29, 1.	2.4	0
4	Analysis of metabolites in young and mature <i>Docynia delavayi</i> (Franch.) Schneid leaves using UPLC-ESI-MS/MS. <i>PeerJ</i> , 2022, 10, e12844.	2.0	7
5	Iridium supported on porous polypyridine-oxadiazole as high-activity and recyclable catalyst for the borrowing hydrogen reaction. <i>Green Chemistry</i> , 2022, 24, 2602-2612.	9.0	34
6	Fifth Generation Communication Performance of Poly(ether ketone ketone)/Modified Montmorillonite Substrate. <i>Macromolecular Research</i> , 2022, 30, 107-115.	2.4	3
7	Comparison of genetic diversity between ancient and common populations of <i>Docynia delavayi</i> (Franch.) Schneid. <i>Gene</i> , 2022, 829, 146498.	2.2	5
8	Photoinduced Silylation of <i>N</i> -Heteroarenes and Unsaturated Benzamides with Naphthalimide-Based Organic Photocatalysts. <i>Organic Letters</i> , 2022, 24, 3797-3801.	4.6	18
9	Performance of SiO ₂ Filled Functional Polypropylene Substrates for 5th Generation Communication. <i>Journal of Macromolecular Science - Physics</i> , 2022, 61, 696-718.	1.0	3
10	Iron-catalyzed hydrogen atom transfer induced cyclization of 1,6-enynes for the synthesis of ketoximes: a combined experimental and computational study. <i>Organic Chemistry Frontiers</i> , 2021, 8, 643-652.	4.5	17
11	Determination of lumefantrine as an effective drug against <i>Toxoplasma gondii</i> infection "in vitro" and "in vivo" study. <i>Parasitology</i> , 2021, 148, 122-128.	1.5	3
12	Co ₂ P nanoparticle/multi-doped porous carbon nanosheets for the oxygen evolution reaction. <i>New Journal of Chemistry</i> , 2021, 45, 8769-8774.	2.8	10
13	The preparation of a Co@C ₃ N ₄ catalyst and applications in the synthesis of quinolines from 2-aminobenzyl alcohols with ketones. <i>New Journal of Chemistry</i> , 2021, 45, 6768-6772.	2.8	15
14	Porous cross-linked polymer copper and iridium catalyzed the synthesis of quinoxalines and functionalized ketones under solvent-free conditions. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7861-7872.	5.9	20
15	Multiple-step drawing innovative ultrahigh-molecular-weight polyethylene fibers modified with bacterial cellulose and scCO ₂ . <i>Journal of Applied Polymer Science</i> , 2021, 138, 50744.	2.6	1
16	High-efficient liquid exfoliation of 2D metal-organic framework using deep-eutectic solvents. <i>Ultrasonics Sonochemistry</i> , 2021, 72, 105461.	8.2	23
17	Photothermal Membrane of CuS/Polyacrylamide-Carboxymethyl Cellulose for Solar Evaporation. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2402-2410.	4.4	33
18	PGC-1 β Protects against Hepatic Ischemia Reperfusion Injury by Activating PPAR α and PPAR β and Regulating ROS Production. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	4.0	7

#	ARTICLE	IF	CITATIONS
19	Performance of Nano-SiO ₂ -Filled Poly(ether ketone ketone) Substrate for Fifth-Generation Communication. <i>Journal of Electronic Materials</i> , 2021, 50, 5327-5337.	2.2	3
20	The control of expansion ratios and cellular structure of supercritical CO ₂ -aid thermoplastic starch foams using crosslinking agents and nano-silica particles. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	5
21	Scale-dependent biogeomorphic feedbacks control the tidal marsh evolution under <i>Spartina alterniflora</i> invasion. <i>Science of the Total Environment</i> , 2021, 776, 146495.	8.0	12
22	Palladium-catalyzed divergent cycloisomerization of 1,6-enynes controlled by functional groups for the synthesis of pyrroles, cyclopentenes, and tetrahydropyridines. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4785-4790.	4.5	13
23	Oxygen barrier films of scCO ₂ -assisted thermoplastic starch/poly (vinyl alcohol) blends. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	4
24	Pleiocarpumlignan A, a new dineolignan from <i>Piper pleiocarpum</i> Chang ex Tseng. <i>Natural Product Research</i> , 2020, 34, 2809-2815.	1.8	8
25	Oxygen barrier, free volume, and blending properties of fully bio-based polyamide 11/poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overloc	2.6	6
26	Photo-Crosslinking Strategy Constructs Adhesive, Superabsorbent, and Tough PVA-Based Hydrogel through Controlling the Balance of Cohesion and Adhesion. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900623.	3.6	27
27	Sodium Hexametaphosphate-Modified Thermoplastic Starch Materials Prepared with the Assistance of Supercritical CO ₂ . <i>Starch/Staerke</i> , 2020, 72, 1900055.	2.1	1
28	Metal-Free Oxidative [5+1] Cyclization of 1,5-Enynes for the Synthesis of Pyrazine 1-oxide. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3621-3626.	4.3	5
29	Multiple-stage drawn ultrahigh molecular weight polyethylene/activated carbon fibers prepared with the assistance of supercritical CO ₂ . <i>Polymer Composites</i> , 2020, 41, 4994-5005.	4.6	6
30	Dihydromethysticin, a natural molecule from Kava, suppresses the growth of colorectal cancer via the NLRC3/PI3K pathway. <i>Molecular Carcinogenesis</i> , 2020, 59, 575-589.	2.7	11
31	Preparation and Performance Evaluation of Polymeric Microspheres Used for Profile Control of Low-Permeability Reservoirs. <i>Journal of Chemistry</i> , 2020, 2020, 1-11.	1.9	6
32	The Putative TCP-1 Chaperonin Is an Important Player Involved in Sialic Acid-Dependent Host Cell Invasion by <i>Toxoplasma gondii</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 258.	3.5	4
33	Cover Image, Volume 59, Issue 6. <i>Molecular Carcinogenesis</i> , 2020, 59, i.	2.7	0
34	A Sialic Acid-Binding Protein SABP1 of <i>Toxoplasma gondii</i> Mediates Host Cell Attachment and Invasion. <i>Journal of Infectious Diseases</i> , 2020, 222, 126-135.	4.0	11
35	The Cascade C ₆₀ H functionalization with sequential hydroxylation and oxidation through heterogeneous BINAP-copper on hydrotalcite. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 2027-2033.	3.2	6
36	Ionic Liquid-Assisted Exfoliation of Two-Dimensional Metal-Organic Frameworks for Luminescent Sensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2167-2175.	6.7	27

#	ARTICLE	IF	CITATIONS
37	Merrifield resin-supported quinone as an efficient biomimetic catalyst for metal-free, base-free, chemoselective synthesis of 2,4,6-trisubstituted pyridines. <i>Green Chemistry</i> , 2019, 21, 5683-5690.	9.0	56
38	Iridium Supported on Phosphorus-Doped Porous Organic Polymers: Active and Recyclable Catalyst for Acceptorless Dehydrogenation and Borrowing Hydrogen Reaction. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5695-5703.	4.3	37
39	Tapioca/polyvinyl alcohol thermoplastic starch materials processed with the aid of supercritical CO ₂ . <i>Food Packaging and Shelf Life</i> , 2019, 22, 100425.	7.5	5
40	The Practical Method to Synthesize Gold Nanoparticles Supported on Hydrotalcite and Application on Oxidation and Hydration Reactions. <i>ChemistrySelect</i> , 2019, 4, 10376-10380.	1.5	5
41	Two Zinc(II) Complexes Based on Trans-(1R,2R)-cyclohexanediamine: Molecular Structure Analyses and Preparation of Composite Membrane. <i>Chemical Research in Chinese Universities</i> , 2019, 35, 749-754.	2.6	2
42	Unsymmetrical triazolyl-naphthyridinyl-pyridine bridged highly active copper complexes supported on reduced graphene oxide and their application in water. <i>Green Chemistry</i> , 2019, 21, 5345-5351.	9.0	56
43	Synthesis of tri-substituted allyl alcohols via a copper/iron co-catalyzed cascade perfluoroalkylation/rearrangement of aryl propynyl ethers. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3575-3579.	4.5	6
44	Global Lysine Crotonylation and 2-Hydroxyisobutyrylation in Phenotypically Different <i>Toxoplasma gondii</i> Parasites. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2207-2224.	3.8	37
45	Tailored Graphene Oxide Membranes for the Separation of Ions and Molecules. <i>ACS Applied Nano Materials</i> , 2019, 2, 6611-6621.	5.0	23
46	Iron-catalyzed reductive cyclization reaction of 1,6-enynes for the synthesis of 3-acylbenzofurans and thiophenes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 342-346.	4.5	35
47	Sustainable synthesis of nitrogen-doped porous carbon with improved electrocatalytic performance for hydrogen evolution. <i>New Journal of Chemistry</i> , 2019, 43, 3078-3083.	2.8	10
48	Encapsulation of pentazole gold nanoparticles into modified polycyanostyrene and polynitrostyrene microspheres as efficient catalysts for cinnoline synthesis and hydration reaction. <i>Materials Chemistry Frontiers</i> , 2019, 3, 216-223.	5.9	20
49	Moisture-resistant and strength retention properties of supercritical CO ₂ -processed thermoplastic starch modified by polyvinyl alcohol with varying degrees of polymerization. <i>Polymers for Advanced Technologies</i> , 2019, 30, 772-789.	3.2	5
50	Palladium-Catalyzed Cycloisomerization of 1,6-Enynes Using Alkyl Iodides as Hydride Source: a Combined Experimental and Computational Study. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4033-4040.	4.3	5
51	Utilization of supercritical CO ₂ as a processing aid for preparation of ultrahigh molecular weight polyethylene/functionalized activated nanocarbon fibers. <i>Polymer Engineering and Science</i> , 2019, 59, 1462-1471.	3.1	7
52	Oxygen barrier, free volume and miscibility properties of fully bio-based polyamide 1010/poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	3
53	Synthesis and characterization of porous tree gum grafted copolymer derived from <i>Prunus cerasifera</i> gum polysaccharide. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 964-970.	7.5	79
54	Metal-Free Oxidative Annulation/Cyclization of 1,6-Enynes for the Synthesis of α -Carbonylquinolines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2959-2964.	4.3	13

#	ARTICLE	IF	CITATIONS
55	Regeneration and utilization of waste phenolic formaldehyde resin: A performance investigation. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47445.	2.6	4
56	Thienylbenzotriazole promoted highly active gold nanoparticles supported on N-doped graphene as efficient catalysts in water and a mechanism exploration. <i>Organic Chemistry Frontiers</i> , 2019, 6, 62-69.	4.5	47
57	Genetic diversity of Simao pine in China revealed by SRAP markers. <i>PeerJ</i> , 2019, 7, e6529.	2.0	6
58	BINAP-copper supported by hydrotalcite as an efficient catalyst for the borrowing hydrogen reaction and dehydrogenation cyclization under water or solvent-free conditions. <i>Green Chemistry</i> , 2018, 20, 2571-2577.	9.0	108
59	Oxygen barrier, free volume, and blending properties of polyamide 12/poly (vinyl alcohol) blends. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1649-1660.	3.2	6
60	Enhancement on ultimate tensile properties of ultrahigh molecular weight polyethylene composite fibers filled with activated nanocarbon particles with varying specific surface areas. <i>Polymer Engineering and Science</i> , 2018, 58, 980-990.	3.1	6
61	Unsymmetrical indazolyl-pyridinyl-triazole ligand-promoted highly active iridium complexes supported on hydrotalcite and its catalytic application in water. <i>Green Chemistry</i> , 2018, 20, 1805-1812.	9.0	72
62	Where does Au coordinate to <i>N</i> -(2-pyridyl)benzotriazole: gold-catalyzed chemoselective dehydrogenation and borrowing hydrogen reactions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 203-209.	4.5	58
63	Copper/Iron-cocatalyzed Cascade Perfluoroalkylation/Cyclization of 1,6-enynes with Iodoperfluoroalkanes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 562-567.	4.3	36
64	Thermoplastic starch and glutaraldehyde modified thermoplastic starch foams prepared using supercritical carbon dioxide fluid as a blowing agent. <i>Polymers for Advanced Technologies</i> , 2018, 29, 2643-2654.	3.2	10
65	Preparation and characterization of poly(lactic acid) with adipate ester added as a plasticizer. <i>Polymers and Polymer Composites</i> , 2018, 26, 446-453.	1.9	13
66	Preparation of pyridyltriazole ruthenium complexes as effective catalysts for the selective alkylation and one-pot C-H hydroxylation of 2-oxindole with alcohols and mechanism exploration. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2668-2675.	4.5	60
67	Properties of polyamide 6,10/poly(vinyl alcohol) blends and impact on oxygen barrier performance. <i>Polymer International</i> , 2018, 67, 453-462.	3.1	8
68	Design and Synthesis of Zirconium-Containing Coordination Polymer Based on Unsymmetric Indolyl Dicarboxylic Acid and Catalytic Application on Borrowing Hydrogen Reaction. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4293-4300.	4.3	41
69	Properties of polyamide 612/poly(vinyl alcohol) blends and their impact on free volume and oxygen barrier properties. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	4
70	Activity and Structural Characteristics of Peach Gum Exudates. <i>International Journal of Polymer Science</i> , 2018, 2018, 1-5.	2.7	14
71	Preparation of pH/redox dual responsive polymeric micelles with enhanced stability and drug controlled release. <i>Materials Science and Engineering C</i> , 2018, 91, 727-733.	7.3	31
72	The synthesis of unsymmetric diamides through Rh-catalyzed selective C-H bond activation of amides with isocyanates. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1011-1018.	4.5	25

#	ARTICLE	IF	CITATIONS
73	Mild Cobalt(III)-Catalyzed C-H Hydroarylation of Conjugated C=C/C=O Bonds. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1717-1724.	4.3	63
74	Preparation of cellulose nanofibers and their improvement on ultradrawing properties of ultrahigh molecular weight polyethylene nanocomposite fibers. <i>Polymers for Advanced Technologies</i> , 2017, 28, 708-716.	3.2	4
75	Tunable Triazole-Phosphine-Copper Catalysts for the Synthesis of 2-Aryl-1H-benzo[d]imidazoles from Benzyl Alcohols and Diamines by Acceptorless Dehydrogenation and Borrowing Hydrogen Reactions. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3332-3340.	4.3	119
76	Sulfide and Sulfonyl Chloride as Sulfonylating Precursors for the Synthesis of Sulfone-Containing Isoquinolinone Diones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 859-865.	4.3	41
77	Visible-Light Induced and Oxygen-Promoted Oxidative Cyclization of Aromatic Enamines for the Synthesis of Quinolines Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 8455-8463.	3.2	51
78	In Situ Growth of Clean Pd Nanoparticles on Polystyrene Microspheres Assisted by Functional Reduced Graphene Oxide and Their Excellent Catalytic Properties. <i>Langmuir</i> , 2017, 33, 8157-8164.	3.5	19
79	Strength retention and moisture resistant properties of citric acid modified thermoplastic starch resins. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	7
80	Enhanced photoactivities of ternary composite coating by antireflection and double P-N heterojunctions. <i>Journal of Materials Science</i> , 2017, 52, 1981-1987.	3.7	7
81	Photoelectrochemical cell for simultaneous electricity generation and heavy metals recovery from wastewater. <i>Journal of Hazardous Materials</i> , 2017, 323, 681-689.	12.4	72
82	A Single-Step Palladium-Catalysed Synthesis of Naphtho[2,3-b]Benzofuran-6,11-Diones and 2-(Hydroxyphenyl)Naphthalene-1,4-Diones. <i>Journal of Chemical Research</i> , 2017, 41, 564-568.	1.3	0
83	Ultradrawing properties of ultrahigh molecular weight polyethylenes/functionalized activated nanocarbon as-prepared fibers. <i>RSC Advances</i> , 2016, 6, 3165-3175.	3.6	9
84	Copper-Catalyzed Reaction Cascade of Thiophenol Hydroxylation and S-Arylation through Disulfide-Directed C-H Activation. <i>Chemistry - A European Journal</i> , 2016, 22, 5543-5546.	3.3	44
85	Non-coordinating Anion-Directed Reversal of Activation Site: Selective C-H Bond Activation of Aryl Rings. <i>Chemistry - A European Journal</i> , 2016, 22, 8663-8668.	3.3	35
86	Enhanced Photocatalytic Degradation of 17 β -Ethinylestradiol Exhibited by Multifunctional ZnFe ₂ O ₄ -Ag/rGO Nanocomposite Under Visible Light. <i>Photochemistry and Photobiology</i> , 2016, 92, 238-246.	2.5	37
87	Design and Synthesis of Alanine Triazole Ligands and Application in Promotion of Hydration, Allene Synthesis and Borrowing Hydrogen Reactions. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1433-1439.	4.3	74
88	Ultradrawing and ultimate tensile properties of novel ultra-high molecular weight polyethylene composite fibers filled with nanoalumina fillers. <i>Textile Research Journal</i> , 2016, 86, 1768-1787.	2.2	2
89	Visible-light-driven photocatalytic inactivation of MS2 by metal-free g-C ₃ N ₄ : Virucidal performance and mechanism. <i>Water Research</i> , 2016, 106, 249-258.	11.3	145
90	Transition-Metal-Free Direct Arylation and Esterification Reaction of Unprotected Indolylcarboxylic Acid Derivatives: A New Entry to 2-(1H-Indol-2-yl)-5-(phenylthio)-1,3,4-oxadiazoles and Aryl 1H-Indole-2-carboxylates. <i>Synlett</i> , 2016, 27, 2616-2620.	1.8	2

#	ARTICLE	IF	CITATIONS
91	Copper-Catalyzed Radical-Promoted Aminocyclization of Acrylamides with <i>N</i> -Fluorobenzenesulfonimide. <i>Journal of Organic Chemistry</i> , 2016, 81, 12482-12488.	3.2	27
92	Preparation of Triazole Gold(III) Complex as an Effective Catalyst for the Synthesis of <i>E</i> -Haloenones. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2583-2588.	4.3	44
93	Silver-Mediated Phosphonylation of C(sp ²)-H Bonds with P-H Bonds: Direct C-H Functionalization of Ferrocenyl Anilides and Dialkyl Phosphites under Palladium- and Copper-Free Conditions. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1253-1259.	2.7	11
94	Copper and triphenylphosphine-promoted sulfenylation of quinones with arylsulfonyl chlorides. <i>RSC Advances</i> , 2016, 6, 62298-62301.	3.6	29
95	Synthesis, Structure, and Photophysical Properties of Tributyl Phosphine Bisbenzothienyl Iridium(III) Complex and its Application on Transfer Hydrogenation of Acetophenone. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 400-404.	1.2	7
96	Ultradrawing and ultimate tensile properties of ultrahigh molecular weight polyethylene composite fibers filled with functionalized nanoalumina fillers. <i>Polymer Engineering and Science</i> , 2015, 55, 2205-2214.	3.1	8
97	Synthesis, Characterization, and Thermal Properties of Chlorine-Containing 1,1,2,2-Tetraaminodisilanes and Their Potential as Chemical Vapor Deposition Precursors for Silicon Nitride Films. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 3205-3211.	2.0	7
98	Synthesis, Characterization, Thermal Property of Si ₅ H ₉ NH ₄ and Its Potential as CVD Precursor for SiC Film. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1813-1817.	1.2	1
99	Mechanical Retention and Waterproof Properties of Bacterial Cellulose-Reinforced Thermoplastic Starch Biocomposites Modified with Sodium Hexametaphosphate. <i>Materials</i> , 2015, 8, 3168-3194.	2.9	10
100	Antibacterial and Miscibility Properties of Chitosan/Collagen Blends. <i>Journal of Macromolecular Science - Physics</i> , 2015, 54, 143-158.	1.0	7
101	Water proof and strength retention properties of thermoplastic starch based biocomposites modified with glutaraldehyde. <i>Carbohydrate Polymers</i> , 2015, 127, 135-144.	10.2	19
102	Impact of loading rate and filter height on the retention factor in the model of total coliform (TC) removal in direct rapid sand filtration. <i>Desalination and Water Treatment</i> , 2015, 54, 140-146.	1.0	3
103	Fabricating sub-100nm conducting polymer nanowires by edge nanoimprint lithography. <i>Journal of Colloid and Interface Science</i> , 2015, 458, 300-304.	9.4	14
104	Mechanism and experimental study on the photocatalytic performance of Ag/AgCl @ chiral TiO ₂ nanofibers photocatalyst: The impact of wastewater components. <i>Journal of Hazardous Materials</i> , 2015, 285, 277-284.	12.4	52
105	Dye-sensitized photoelectrochemical cell on plasmonic Ag/AgCl @ chiral TiO ₂ nanofibers for treatment of urban wastewater effluents, with simultaneous production of hydrogen and electricity. <i>Applied Catalysis B: Environmental</i> , 2015, 168-169, 25-32.	20.2	24
106	A high molecular weight acrylonitrile copolymer prepared by mixed solvent polymerization: I. effect of monomer feed ratios on polymerization and stabilization. <i>RSC Advances</i> , 2014, 4, 64043-64052.	3.6	14
107	Synthesis and thermal properties of aminopyrimidine Ge(II) precursors for CVD/ALD technology. <i>Russian Journal of General Chemistry</i> , 2014, 84, 2027-2030.	0.8	1
108	Synthesis of Aryl- and Alkylquinones through Rhodium-Catalyzed C-C Coupling under Mild Conditions. <i>Synlett</i> , 2014, 25, 2895-2898.	1.8	19

#	ARTICLE	IF	CITATIONS
109	An efficient approach to deoxygenation using hexachlorodisilane under mild conditions. Russian Journal of General Chemistry, 2014, 84, 2200-2204.	0.8	12
110	Highly efficient dehydrogenation of secondary alcohols catalyzed by iridium-CNP complexes. Russian Journal of General Chemistry, 2014, 84, 2016-2020.	0.8	1
111	The Influence of Silicone Softeners on Fabric Stain Removal and Whiteness Maintenance During Home Laundry. Journal of Surfactants and Detergents, 2014, 17, 331-339.	2.1	7
112	Synthesis of aryl substituted quinones as β -secretase inhibitors: Ligand-free direct arylation of quinones with aryl halides. Russian Journal of General Chemistry, 2014, 84, 1615-1621.	0.8	8
113	Iridium-CNP complex catalyzed cross-coupling of primary alcohols and secondary alcohols by a borrowing hydrogen strategy. RSC Advances, 2014, 4, 42924-42929.	3.6	36
114	Rapid Crystallization of Poly(lactic acid) by Using Tailor-Made Oxalamide Derivatives as Novel Soluble-Type Nucleating Agents. Industrial & Engineering Chemistry Research, 2014, 53, 12888-12892.	3.7	67
115	Transition Metal-Free Direct C-H Functionalization of Quinones and Naphthoquinones with Diaryliodonium Salts: Synthesis of Aryl Naphthoquinones as β -Secretase Inhibitors. Journal of Organic Chemistry, 2014, 79, 8607-8613.	3.2	90
116	Ultradrawing novel ultra-high molecular weight polyethylene fibers filled with bacterial cellulose nanofibers. Carbohydrate Polymers, 2014, 101, 1-10.	10.2	24
117	Thymoquinone induces G2/M arrest, inactivates PI3K/Akt and nuclear factor- β pathways in human cholangiocarcinomas both in vitro and in vivo. Oncology Reports, 2014, 31, 2063-2070.	2.6	64
118	Preparation and characterization of novel ultra-high molecular weight polyethylene composite fibers filled with nanosilica particles. Polymer International, 2013, 62, 591-600.	3.1	18
119	Green PU resin from an accelerated Non-isocyanate process with microwave radiation. Journal of Polymer Research, 2013, 20, 1.	2.4	9
120	Ultrahigh molecular weight polyethylene fibers prepared using conical dies with varying dimensions. Polymer Engineering and Science, 2013, 53, 1910-1919.	3.1	2
121	Development and modeling of a flat plate serpentine reactor for photocatalytic degradation of 17-ethynylestradiol. Environmental Science and Pollution Research, 2013, 20, 2321-2329.	5.3	13
122	Ag/AgCl@helical chiral TiO ₂ nanofibers as a visible-light driven plasmon photocatalyst. Chemical Communications, 2013, 49, 10367-10369.	4.1	49
123	Thermal properties and characterization of surface-treated RSF-reinforced polylactide composites. Polymer Bulletin, 2013, 70, 3221-3239.	3.3	17
124	Modeling of quantitative effects of water components on the photocatalytic degradation of 17 β -ethynylestradiol in a modified flat plate serpentine reactor. Journal of Hazardous Materials, 2013, 254-255, 64-71.	12.4	32
125	Ultradrawing properties of ultra-high molecular weight polyethylene/hydrochloric acid treated attapulgite fibers. Journal of Polymer Research, 2013, 20, 1.	2.4	7
126	Preparation and physicochemical properties of digested collagen fragments with varying molecular weights. Journal of Polymer Research, 2012, 19, 1.	2.4	0

#	ARTICLE	IF	CITATIONS
127	A new UV-curable PU resin obtained through a nonisocyanate process and used as a hydrophilic textile treatment. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	27
128	Drawing and ultimate tensile properties of nylon 6/nylon 6 clay composite fibers. <i>Polymer Engineering and Science</i> , 2012, 52, 1348-1355.	3.1	8
129	Ultradrawing properties of ultrahigh-molecular-weight polyethylene/attapulgate fibers. <i>Polymer International</i> , 2012, 61, 982-989.	3.1	18
130	Preparation and physical properties of melt-blown nonwovens of biodegradable PLA/acetyl tributyl citrate/FePol copolyester blends. <i>Journal of Applied Polymer Science</i> , 2012, 125, E158.	2.6	6
131	Polyester/cellulose acetate composites: Preparation, characterization and biocompatible. <i>Journal of Applied Polymer Science</i> , 2012, 126, E242.	2.6	19
132	Drawing and ultimate tenacity properties of polyamide 6/attapulgate composite fibers. <i>Journal of Applied Polymer Science</i> , 2012, 126, 1906-1916.	2.6	9
133	The compatible and mechanical properties of biodegradable poly(Lactic Acid)/ethylene glycidyl methacrylate copolymer blends. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	20
134	Performance properties of self-curing aqueous-based PU system with tri-glycidyl phosphate curing agent. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	6
135	Sulfonated poly(ether sulfone)/phosphotungstic acid/attapulgate composite membranes for direct methanol fuel cells. <i>Journal of Applied Polymer Science</i> , 2012, 123, 646-656.	2.6	28
136	A new tri-functional azetidine compound for self-curing aqueous-based PU system. <i>Journal of Applied Polymer Science</i> , 2012, 124, 175-181.	2.6	7
137	Oxygen depletion properties of glucose-grafted polyethylene resins filled with sodium ascorbate/modified iron compounds. <i>Journal of Polymer Research</i> , 2011, 18, 1301-1313.	2.4	4
138	Drawing and tensile properties of polyamide 6/calcium chloride composite fibers. <i>Journal of Polymer Research</i> , 2011, 18, 1841-1850.	2.4	11
139	An improvement on the adhesion-strength of laminated ultra-high-molecular-weight polyethylene fabrics: surface-etching/modification using highly effective helium/oxygen/nitrogen plasma treatment. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1971-1981.	3.2	21
140	Ultradrawing properties of ultra-high molecular weight polyethylene/functionalized carbon nanotube fibers. <i>Polymer Engineering and Science</i> , 2011, 51, 687-696.	3.1	18
141	Drawing and ultimate tensile properties of modified polyamide 6 fibers. <i>Polymer Engineering and Science</i> , 2011, 51, 755-763.	3.1	6
142	Ultradrawing properties of ultrahigh-molecular weight polyethylene/functionalized carbon nanotube fibers and transmittance properties of their gel solutions. <i>Polymer Engineering and Science</i> , 2011, 51, 2552-2563.	3.1	17
143	Ultradrawing properties of ultrahigh-molecular-weight polyethylene/carbon nanotube fibers prepared at various formation temperatures. <i>Polymer International</i> , 2011, 60, 59-68.	3.1	19
144	Effect of hydrogen bonding on characterization of polyamide 612 and ethylene vinyl alcohol copolymer blends. <i>Journal of Applied Polymer Science</i> , 2011, 120, 3724-3732.	2.6	6

#	ARTICLE	IF	CITATIONS
145	Compatible and crystallization properties of poly(lactic acid)/poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td (adipate	2.6	84
146	A New Self-Initiated Polymerization of Acrylic Acid with a Monoaziridine Containing Compound. Journal of the Chinese Chemical Society, 2010, 57, 901-908.	1.4	8
147	The copper sulfide coating on polyacrylonitrile with a chelating agent of ethylenediaminetetraacetic acid by an electroless deposition method and its EMI shielding effectiveness. Journal of Applied Polymer Science, 2010, 115, 570-578.	2.6	11
148	Kinetics and crystal structure of isothermal crystallization of poly(lactic acid) plasticized with triphenyl phosphate. Journal of Applied Polymer Science, 2010, 117, 2980-2992.	2.6	17
149	Effect of weak reductant on properties of electroless copper polyacrylonitrile nanocomposites for electromagnetic interference shielding. Journal of Applied Polymer Science, 2010, 118, 936-942.	2.6	3
150	Nylon 6 crystal phase transition in nylon 6/clay/poly(vinyl alcohol) nanocomposites. Journal of Applied Polymer Science, 2010, 118, 1683-1690.	2.6	2
151	Effect of nonsolvent on morphologies of polyamide 6 electrospun fibers. Journal of Applied Polymer Science, 2010, 118, 3005-3012.	2.6	15
152	Isothermal crystallization kinetics and crystal structure of poly(lactic acid): Effect of triphenyl phosphate and talc. Journal of Applied Polymer Science, 2010, 118, 3558-3569.	2.6	85
153	Compatible and tearing properties of poly(lactic acid)/poly(ethylene glutaric acid terephthalate) copolyester blends. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 913-920.	2.1	13
154	Kinetics and crystal structure of poly(lactic acid) crystallized nonisothermally: Effect of plasticizer and nucleating agent. Polymer Composites, 2010, 31, 2057-2068.	4.6	59
155	Structures and Mechanical Properties of Polyurethane/Clay Composites Prepared by Different Pre-mixing Procedures. Polymers and Polymer Composites, 2010, 18, 517-526.	1.9	1
156	Physicochemical properties and molecular weight characterisation of porcine dermal collagen digested under varying conditions with clostridium histolytic collagenase. E-Polymers, 2010, 10, .	3.0	1
157	Study on the Crystallization, Miscibility, Morphology, Properties of Poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262 Td (adipate	1.9	109
158	Preparation and characterization of biodegradable polycaprolactone/multiwalled carbon nanotubes nanocomposites. Journal of Applied Polymer Science, 2009, 112, 660-668.	2.6	48
159	Plasticized properties of poly (lactic acid) and triacetine blends. Journal of Applied Polymer Science, 2009, 112, 2757-2763.	2.6	35
160	Crystallization behavior of fully biodegradable poly(lactic acid)/poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (adipate	2.6	85
161	Effect of plasticizer on the crystallization behavior of poly(lactic acid). Journal of Applied Polymer Science, 2009, 113, 112-121.	2.6	124
162	Negative air ion releasing properties of tourmaline/bamboo charcoal compounds containing ethylene propylene diene terpolymer/polypropylene composites. Journal of Applied Polymer Science, 2009, 113, 1097-1110.	2.6	21

#	ARTICLE	IF	CITATIONS
163	Optimized processing conditions for the preparation of dynamically vulcanized EPDM/PP thermoplastic elastomers containing PP resins of various melt indexes. Journal of Applied Polymer Science, 2009, 114, 2806-2815.	2.6	11
164	UV-curable PDMS-containing PU system for hydrophobic textile surface treatment. Journal of Polymer Research, 2009, 16, 601-610.	2.4	45
165	The effect of poly(vinyl alcohol) hydrolysis on the properties of its blends with nylon 6. Polymer Engineering and Science, 2009, 49, 1553-1561.	3.1	12
166	Effect of Initiator on the Overvoltage Positive Temperature Coefficient of Linear Low Density Polyethylene/Carbon Black Nano Composites. Macromolecular Symposia, 2009, 286, 125-134.	0.7	2
167	Electroless Copper Sulfide Deposition on the Polyacrylonitrile Films with Chelating Agents and its EMI Shielding Effectiveness. Macromolecular Symposia, 2009, 286, 116-124.	0.7	4
168	Influences of Plasma Treatment and ^{60}Co γ Radiation on the Overvoltage Positive Temperature Coefficient of High Density Polyethylene/Carbon Black Nano Composites. Macromolecular Symposia, 2009, 286, 135-144.	0.7	2
169	Investigation of the drawing mechanism of UHMWPE fibers. Journal of Materials Science, 2008, 43, 4892-4900.	3.7	74
170	Effect of the ultradrawing behavior of gel films of ultrahigh molecular weight polyethylene and low molecular weight polyethylene blends on their physical properties. Journal of Applied Polymer Science, 2008, 107, 854-862.	2.6	8
171	Negative air ions releasing properties of tourmaline contained ethylene propylene diene terpolymer/polypropylene thermoplastic elastomers. Journal of Applied Polymer Science, 2008, 109, 82-89.	2.6	10
172	Curing reaction of amino-terminated aqueous-based polyurethane dispersions with triglycidyl-containing compound. Journal of Applied Polymer Science, 2008, 110, 725-731.	2.6	5
173	Investigation of the ultradrawing properties of gel spun fibers of ultra-high molecular weight polyethylene/carbon nanotube blends. Journal of Applied Polymer Science, 2008, 110, 2538-2548.	2.6	32
174	Investigation of the oxygen depletion properties of novel oxygen scavenging plastics. Journal of Applied Polymer Science, 2008, 110, 1420-1434.	2.6	15
175	Study on the Crystallization Kinetic and Characterization of Poly(lactic acid) and Poly(vinyl alcohol) Blends. Polymer-Plastics Technology and Engineering, 2008, 47, 1289-1296.	1.9	32
176	Study on the Preparation and Characterization of Biodegradable Poly(lactide)/ SiO_2 - TiO_2 Hybrids. Polymer-Plastics Technology and Engineering, 2008, 47, 887-894.	1.9	24
177	Effect of annealing on poly(urethane-siloxane) copolymers. Journal of Applied Polymer Science, 2007, 104, 3495-3495.	2.6	0
178	Surface modification of superfine tourmaline powder with titanate coupling agent. Colloid and Polymer Science, 2006, 284, 1465-1470.	2.1	17
179	Blending and white spirit permeation properties of the blends of modified polyamide and ethylene vinyl alcohol with varying vinyl alcohol contents. Journal of Applied Polymer Science, 2006, 102, 1224-1233.	2.6	7
180	Effect of annealing on poly(urethane-siloxane) copolymers. Journal of Applied Polymer Science, 2006, 102, 5174-5183.	2.6	0

#	ARTICLE	IF	CITATIONS
181	Self-curable system of an aqueous-based polyurethane dispersion via a ring-opening reaction of azetidine end groups. <i>Journal of Applied Polymer Science</i> , 2006, 102, 4383-4393.	2.6	7
182	A cross self-curing system for an aqueous-based PU hybrid. <i>Journal of Applied Polymer Science</i> , 2005, 97, 550-558.	2.6	18
183	Barrier resistance of polyethylene, polyethylene/modified polyamide, and polyethylene/blends of modified polyamide and ethylene vinyl alcohol bottles against permeation of polar and nonpolar mixed solvents. <i>Journal of Applied Polymer Science</i> , 2005, 97, 1333-1344.	2.6	19
184	Blending and barrier properties of blends of modified polyamide and ethylene vinyl alcohol copolymer. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 511-521.	2.1	34
185	White spirit permeation resistance of polyethylene, polyethylene/modified polyamide, and polyethylene/blends of modified polyamide and ethylene vinyl alcohol bottles. <i>Polymer Engineering and Science</i> , 2005, 45, 25-32.	3.1	15
186	Drawing properties of ultrahigh molecular weight polyethylene fibers prepared at varying formation temperatures. <i>Journal of Applied Polymer Science</i> , 2004, 91, 1559-1570.	2.6	16
187	Single component self-curable aqueous-based PU system with new aziridinyl curing agent. <i>Journal of Applied Polymer Science</i> , 2004, 91, 1997-2007.	2.6	18
188	Oxygen permeation resistance of polyethylene, polyethylene/ethylene vinyl alcohol copolymer, polyethylene/modified ethylene vinyl alcohol copolymer, and polyethylene/modified polyamide-ethylene vinyl alcohol copolymer bottles. <i>Journal of Applied Polymer Science</i> , 2004, 92, 2528-2537.	2.6	9
189	New self-curable, aqueous-based polyurethane system by an isophorone diisocyanate/uretedione aziridinyl derivative process. <i>Journal of Applied Polymer Science</i> , 2004, 94, 845-859.	2.6	11
190	Ultradrawing properties of gel films of ultrahigh-molecular-weight polyethylene and low-molecular-weight polyethylene blends prepared at various formation temperatures. <i>Journal of Applied Polymer Science</i> , 2003, 89, 3728-3738.	2.6	17
191	Polymer hybrids from self-emulsified PU anionomer and water-reducible acrylate copolymer via a postcuring reaction. <i>Journal of Applied Polymer Science</i> , 2003, 90, 3578-3587.	2.6	18
192	Spinning and drawing properties of ultrahigh-molecular-weight polyethylene fibers prepared at varying concentrations and temperatures. <i>Polymer Engineering and Science</i> , 2003, 43, 1765-1777.	3.1	42
193	Curing and combustion properties of a PU-coating system with UV-reactive phosphazene. <i>Journal of Applied Polymer Science</i> , 2002, 85, 1980-1991.	2.6	25
194	Flame retardation improvement of aqueous-based polyurethane with aziridinyl phosphazene curing system. <i>Journal of Applied Polymer Science</i> , 2001, 79, 662-673.	2.6	67
195	Influence of two-stage drawing conditions on ultradrawing behavior of gel films of ultrahigh-molecular-weight polyethylene and low-molecular-weight polyethylene blends. <i>Journal of Applied Polymer Science</i> , 2001, 79, 1890-1901.	2.6	20
196	Gasoline permeation resistance of the as-blow-molded and annealed polyethylene, polyethylene/polyamide, and polyethylene/modified polyamide bottles. <i>Journal of Applied Polymer Science</i> , 2001, 81, 2827-2837.	2.6	5
197	Flame retardation improvement of aqueous-based polyurethane with aziridinyl phosphazene curing system. <i>Journal of Applied Polymer Science</i> , 2001, 79, 662-673.	2.6	1
198	Effects of processing conditions on the barrier properties of polyethylene (PE)/modified polyamide (MPA) and modified polyethylene (MPE)/polyamide (PA) blends. <i>Journal of Applied Polymer Science</i> , 2000, 76, 1997-2008.	2.6	26

#	ARTICLE	IF	CITATIONS
199	Title is missing!. Journal of Materials Science, 2000, 35, 1321-1330.	3.7	15
200	Title is missing!. Journal of Materials Science, 2000, 35, 3227-3236.	3.7	25
201	Aqueous-based polyurethane with dual-functional curing agent. Journal of Polymer Research, 2000, 7, 41-49.	2.4	35
202	Permeation barrier properties of polyethylene/modified blends of polyamide and polyvinylalcohol containers against methanol/gasoline fuels. Journal of Applied Polymer Science, 1999, 74, 2158-2169.	2.6	12
203	Influence of compatibilization and viscosity ratio on the barrier and impact properties of blends of a modified polyamide-6 and polyethylene. Polymer Engineering and Science, 1999, 39, 1952-1961.	3.1	26
204	Ultradrawing behavior of one- and two-stage drawn gel films of ultrahigh molecular weight polyethylene and low molecular weight polyethylene blends. Journal of Applied Polymer Science, 1998, 70, 149-159.	2.6	26