

Donghong Yu

List of Publications by Year in descending order

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130
papers

3,558
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136950

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all docs

132
docs citations

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times ranked

4194
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal liquefaction of barley straw to bio-crude oil: Effects of reaction temperature and aqueous phase recirculation. <i>Applied Energy</i> , 2015, 137, 183-192.	10.1	298
2	Mechanically Robust All-Polymer Solar Cells from Narrow Band Gap Acceptors with Hetero-Bridging Atoms. <i>Joule</i> , 2020, 4, 658-672.	24.0	279
3	Enzymatic degradation of poly(μ -caprolactone)/poly(dl-lactide) blends in phosphate buffer solution. <i>Polymer</i> , 1999, 40, 2859-2862.	3.8	201
4	Over 14% efficiency all-polymer solar cells enabled by a low bandgap polymer acceptor with low energy loss and efficient charge separation. <i>Energy and Environmental Science</i> , 2020, 13, 5017-5027.	30.8	170
5	Influence of alkali catalyst on product yield and properties via hydrothermal liquefaction of barley straw. <i>Energy</i> , 2015, 80, 284-292.	8.8	160
6	Conjugated Donor-Acceptor Terpolymers Toward High-Efficiency Polymer Solar Cells. <i>Advanced Materials</i> , 2019, 31, e1807019.	21.0	120
7	A Non-Conjugated Polymer Acceptor for Efficient and Thermally Stable All-Polymer Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19835-19840.	13.8	105
8	Polymer Acceptors with Flexible Spacers Afford Efficient and Mechanically Robust All-Polymer Solar Cells. <i>Advanced Materials</i> , 2022, 34, e2107361.	21.0	89
9	Analysis of accelerated degradation of a HT-PEM fuel cell caused by cell reversal in fuel starvation condition. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 2833-2839.	7.1	71
10	Confined crystallization behavior of PEO in silica networks. <i>Polymer</i> , 2000, 41, 2041-2046.	3.8	67
11	Metal and Semiconductor Nanowire Network Thin Films with Hierarchical Pore Structures. <i>Chemistry of Materials</i> , 2006, 18, 4231-4237.	6.7	67
12	Revealing the Position Effect of an Alkylthio Side Chain in Phenyl-Substituted Benzodithiophene-Based Donor Polymers on the Photovoltaic Performance of Non-Fullerene Organic Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33173-33178.	8.0	65
13	Direct investigations on strain-induced cold crystallization behavior and structure evolutions in amorphous poly(lactic acid) with SAXS and WAXS measurements. <i>Polymer</i> , 2016, 90, 111-121.	3.8	58
14	Balancing High Open Circuit Voltage over 1.0 V and High Short Circuit Current in Benzodithiophene-Based Polymer Solar Cells with Low Energy Loss: A Synergistic Effect of Fluorination and Alkylthiolation. <i>Advanced Energy Materials</i> , 2018, 8, 1701471.	19.5	57
15	The multiple melting behaviour of immiscible poly(ether ether ketone)/poly(ether diphenyl ether) Tj ETQq1 1 0.784314 rgBT /Overlock 1	3.8	56
16	The formation of ring-banded spherulites of poly(ϵ -caprolactone) in its miscible mixtures with poly(styrene-co-acrylonitrile). <i>Polymer</i> , 1997, 38, 5897-5901.	3.8	51
17	High-performance all-polymer solar cells enabled by a novel low bandgap non-fully conjugated polymer acceptor. <i>Science China Chemistry</i> , 2021, 64, 1380-1388.	8.2	51
18	Temperature dependence of poly(lactic acid) mechanical properties. <i>RSC Advances</i> , 2016, 6, 113762-113772.	3.6	49

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19	Brittle-ductile transition of particle toughened polymers: influence of the matrix properties. <i>Polymer</i> , 2004, 45, 6427-6430.	3.8	47
20	10.13% Efficiency All-Polymer Solar Cells Enabled by Improving the Optical Absorption of Polymer Acceptors. <i>Solar Rrl</i> , 2020, 4, 2000142.	5.8	45
21	Effects of molecular weight and interaction parameter on the glass transition temperature of polystyrene mixtures and its blends with polystyrene/poly (2,6-dimethyl-p-phenylene oxide). <i>European Polymer Journal</i> , 1997, 33, 1523-1528.	5.4	44
22	Simple O ₂ Plasma-Processed V ₂ O ₅ as an Anode Buffer Layer for High-Performance Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 7613-7618.	8.0	43
23	Simple organic donors based on halogenated oligothiophenes for all small molecule solar cells with efficiency over 11%. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5843-5847.	10.3	43
24	Solution-processed ZnO as the efficient passivation and electron selective layer of silicon solar cells. <i>Progress in Photovoltaics: Research and Applications</i> , 2018, 26, 974-980.	8.1	40
25	Theoretical Study on the Rational Design of Cyano-Substituted P3HT Materials for OSCs: Substitution Effect on the Improvement of Photovoltaic Performance. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8501-8511.	3.1	39
26	Brittle-ductile transition of polypropylene/ethylene-propylene-diene monomer blends induced by size, temperature, and time. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 1433-1440.	2.1	38
27	Deformation and structure evolution of glassy poly(lactic acid) below the glass transition temperature. <i>CrystEngComm</i> , 2015, 17, 5651-5663.	2.6	37
28	Crystalline structures and crystallization behaviors of poly(l-lactide) in poly(l-lactide)/graphene nanosheet composites. <i>Polymer Chemistry</i> , 2015, 6, 3988-4002.	3.9	37
29	Distinctive effects of CD34- and CD133-specific antibody-coated stents on re-endothelialization and in-stent restenosis at the early phase of vascular injury. <i>International Journal of Energy Production and Management</i> , 2015, 2, 87-96.	3.7	37
30	Templated Synthesis, Characterization, and Sensing Application of Macroscopic Platinum Nanowire Network Electrodes. <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 1904-1909.	0.9	36
31	Structure and properties of hybrid poly(2-hydroxyethyl methacrylate)/SiO ₂ monoliths. <i>Journal of Applied Polymer Science</i> , 2003, 88, 3168-3175.	2.6	34
32	Synthesis and photovoltaic properties from inverted geometry cells and roll-to-roll coated large area cells from dithienopyrrole-based donor-acceptor polymers. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1785-1793.	10.3	32
33	A novel benzodipyrrolidone-based low band gap polymer for organic solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 10116.	10.3	30
34	Conformation Selected Direct Formation of Form I in Isotactic Poly(butene-1). <i>Crystal Growth and Design</i> , 2018, 18, 2525-2537.	3.0	28
35	Nonconjugated Terpolymer Acceptors with Two Different Fused-Ring Electron-Deficient Building Blocks for Efficient All-Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6442-6449.	8.0	28
36	Simple thiazole-centered oligothiophene donor enables 15.4% efficiency all small molecule organic solar cells. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3009-3017.	10.3	28

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37	SnO ₂ /Mg combination electron selective transport layer for Si heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2019, 200, 109996.	6.2	27
38	Thermal strain-induced cold crystallization of amorphous poly(lactic acid). <i>CrystEngComm</i> , 2016, 18, 3237-3246.	2.6	25
39	Nucleic acid-controlled quantum dots aggregation: A label-free fluorescence turn-on strategy for alkaline phosphatase detection. <i>Talanta</i> , 2017, 169, 64-69.	5.5	25
40	Utilizing alkoxyphenyl substituents for side-chain engineering of efficient benzo[1,2-b:4,5-b' ²]dithiophene-based small molecule organic solar cells. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 17391-17398.	2.8	24
41	Controlled Synthesis of L-Lactide-b- μ -Caprolactone Block Copolymers Using a Rare Earth Complex as Catalyst. <i>Polymer Journal</i> , 1999, 31, 633-636.	2.7	22
42	Direct investigations of deformation and yield induced structure transitions in polyamide 6 below glass transition temperature with WAXS and SAXS. <i>Polymer</i> , 2015, 70, 109-117.	3.8	22
43	Wall Slip Effect on Shear-Induced Crystallization Behavior of Isotactic Polypropylene Containing β -Nucleating Agent. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 13513-13521.	3.7	21
44	Solvent micro-evaporation and concentration gradient synergistically induced crystallization of poly(l-lactide) and ring banded supra-structures with radial periodic variation of thickness. <i>CrystEngComm</i> , 2014, 16, 94-101.	2.6	20
45	An isoindigo containing donor-acceptor polymer: synthesis and photovoltaic properties of all-solution-processed ITO- and vacuum-free large area roll-coated single junction and tandem solar cells. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1633-1639.	5.5	20
46	Mechanical properties, water swelling behavior, and morphology of swellable rubber compatibilized by PVA-g-PBA. <i>Polymer Engineering and Science</i> , 2004, 44, 72-78.	3.1	19
47	Pyrophosphate as substrate for alkaline phosphatase activity: A convenient flow-injection chemiluminescence assay. <i>Luminescence</i> , 2017, 32, 1150-1156.	2.9	19
48	Weak Makes It Powerful: The Role of Cognate Small Molecules as an Alloy Donor in 2D/1A Ternary Fullerene Solar Cells for Finely Tuned Hierarchical Morphology in Thick Active Layers. <i>Small Methods</i> , 2020, 4, 1900766.	8.6	19
49	Lithography-free and dopant-free back-contact silicon heterojunction solar cells with solution-processed TiO ₂ as the efficient electron selective layer. <i>Solar Energy Materials and Solar Cells</i> , 2019, 203, 110196.	6.2	18
50	Regulation of Molecular Packing and Blend Morphology by Finely Tuning Molecular Conformation for High-Performance Nonfullerene Polymer Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 44501-44512.	8.0	18
51	An extraordinary cyclohexylmethyl side chain dominating polymeric donor packing patterns and energy levels for efficient non-fullerene polymer solar cells. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10505-10513.	10.3	18
52	Oligothiophene-based photovoltaic materials for organic solar cells: rise, plateau, and revival. <i>Trends in Chemistry</i> , 2022, 4, 773-791.	8.5	17
53	Crystalline structures of poly(l-lactide) formed under pressure and structure transitions with heating. <i>CrystEngComm</i> , 2013, 15, 4372.	2.6	16
54	Terminal moiety-driven electrical performance of asymmetric small-molecule-based organic solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15688-15697.	10.3	16

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55	A Non-Conjugated Polymer Acceptor for Efficient and Thermally Stable All-Polymer Solar Cells. <i>Angewandte Chemie</i> , 2020, 132, 20007-20012.	2.0	16
56	Aqueous batch rebinding and selectivity studies on sucrose imprinted polymers. <i>Biosensors and Bioelectronics</i> , 2009, 25, 623-628.	10.1	15
57	Shear effects on crystalline structures of poly(l-lactide). <i>CrystEngComm</i> , 2013, 15, 7914.	2.6	14
58	Axisymmetric and Asymmetric Naphthalene-Bisthienothiophene Based Nonfullerene Acceptors: On Constitutional Isomerization and Photovoltaic Performance. <i>ACS Applied Energy Materials</i> , 2020, 3, 5734-5744.	5.1	14
59	Nonfullerene acceptors from thieno[3,2-b]thiophene-fused naphthalene donor core with six-member-ring connection for efficient organic solar cells. <i>Dyes and Pigments</i> , 2021, 185, 108892.	3.7	14
60	Modulating the nanoscale morphology on carboxylate-pyrazine containing terpolymer toward 17.8% efficiency organic solar cells with enhanced thermal stability. <i>Chemical Engineering Journal</i> , 2022, 446, 137424.	12.7	14
61	Immobilization of Polymethyl Methacrylate Brushes on Hydroxyapatite under Molecular Weight Control. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 6109-6114.	3.7	13
62	Roll coated large area ITO- and vacuum-free all organic solar cells from diketopyrrolopyrrole based non-fullerene acceptors with molecular geometry effects. <i>RSC Advances</i> , 2016, 6, 41542-41550.	3.6	13
63	Polyphosphoric acid-induced perylene probe self-assembly and label-free fluorescence turn-on detection of alkaline phosphatase. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1031-1036.	3.7	13
64	Memory effects on crystallization behaviours of poly(l-lactic acid) revisited. <i>CrystEngComm</i> , 2019, 21, 2660-2668.	2.6	13
65	Novel cost-effective acceptor:P3HT based organic solar cells exhibiting the highest ever reported industrial readiness factor. <i>Materials Advances</i> , 2020, 1, 658-665.	5.4	13
66	Uranyl photocatalysis: precisely controlled oxidation of sulfides with ground-state oxygen. <i>Science China Chemistry</i> , 2020, 63, 291-293.	8.2	13
67	Crystallisation of iPB-1 based on preserved helix conformation. <i>Polymer</i> , 2020, 190, 122209.	3.8	13
68	Impact of surface impurity on phase transitions in amorphous micro silica. <i>Journal of Non-Crystalline Solids</i> , 2016, 450, 42-47.	3.1	12
69	Effect of intraplaque angiogenesis to atherosclerotic rupture-prone plaque induced by high shear stress in rabbit model. <i>International Journal of Energy Production and Management</i> , 2017, 4, 215-222.	3.7	12
70	Difluorinated Oligothiophenes for High-Efficiency All-Small-Molecule Organic Solar Cells: Positional Isomeric Effect of Fluorine Substitution on Performance Variations. <i>Solar Rrl</i> , 2020, 4, 1900472.	5.8	11
71	The role of connectivity in significant bandgap narrowing for fused-pyrene based non-fullerene acceptors toward high-efficiency organic solar cells. <i>Journal of Materials Chemistry A</i> , 2020, 8, 5995-6003.	10.3	11
72	Use of β -cyclodextrins to control the structure of water-soluble copolymers with hydrophobic parts. <i>Journal of Polymer Science Part A</i> , 2009, 47, 6619-6629.	2.3	10

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73	Chloroform micro-evaporation induced ordered structures of poly(L-lactide) thin films. RSC Advances, 2013, 3, 13705.	3.6	10
74	Green and low-cost synthesis of LiNi _{0.8} Co _{0.15} Al _{0.05} O ₂ cathode material for Li-ion batteries. Materials Letters, 2019, 246, 153-156.	2.6	10
75	An Enzyme-Free Amperometric Sensor Based on Self-Assembling Ferrocene-Conjugated Oligopeptide for Specific Determination of L-Arginine. Chinese Journal of Chemistry, 2021, 39, 2755-2762.	4.9	10
76	The effect of molecular geometry on the photovoltaic property of diketopyrrolopyrrole based non-fullerene acceptors. Synthetic Metals, 2015, 203, 249-254.	3.9	9
77	Impact of amorphous micro silica on the C-S-H phase formation in porous calcium silicates. Journal of Non-Crystalline Solids, 2018, 481, 556-561.	3.1	9
78	Impact of minor iron content on crystal structure and properties of porous calcium silicates during synthesis. Materials Chemistry and Physics, 2018, 205, 180-185.	4.0	9
79	Silicon Heterojunction Solar Cells with MoO _x Hole-Selective Layer by Hot Wire Oxidation-Sublimation Deposition. Solar Rrl, 2020, 4, 1900514.	5.8	9
80	A qualitative analysis of particle-induced viscosity reduction in polymeric composites. Journal of Materials Science, 2016, 51, 3080-3096.	3.7	8
81	Sensitive fluorescence and visual detection of organophosphorus pesticides with a Ru(bpy) ₃ ²⁺ -ZIF-90-MnO ₂ sensing platform. Analytical Methods, 2021, 13, 2981-2988.	2.7	8
82	Tensile and transformational behavior of poly(ether sulfone)/polycarbonate blends. Angewandte Makromolekulare Chemie, 1996, 243, 1-10.	0.2	7
83	Hierarchical silica particles by dynamic multicomponent assembly. Microporous and Mesoporous Materials, 2005, 85, 305-312.	4.4	7
84	A Nanoparticle Approach towards Morphology Controlled Organic Photovoltaics (OPV). Polymers, 2012, 4, 1242-1258.	4.5	7
85	Synthesis and biodegradation studies of optically active poly(amide-imide)s based on N-(pyromellitoyl)-bis-L-amino acid. High Performance Polymers, 2016, 28, 34-46.	1.8	7
86	Reduction of inorganics from macroalgae Laminaria digitata and spent mushroom compost (SMC) by acid leaching and selective hydrothermal liquefaction. Biomass Conversion and Biorefinery, 2018, 8, 369-377.	4.6	7
87	Evaluation of Relationship Between Crystallization Structure and Thermal-Mechanical Performance of PLA with MCC Addition. ChemistrySelect, 2019, 4, 10174-10180.	1.5	7
88	Fluorination on electron-deficient units of benzothiadiazole-based donor-acceptor conjugated polymers for novel fullerene-based organic solar cells. Solar Energy, 2021, 220, 864-872.	6.1	7
89	Resolving the Conflict between Strength and Toughness in Bioactive Silica-Polymer Hybrid Materials. ACS Nano, 2022, 16, 9748-9761.	14.6	7
90	New optically active poly(amide-imide)s based on N,N'-bis-(pyromellitoyl)-bis-L-amino acid and methylene diphenyl-4,4'-diisocyanate: synthesis and characterization. Designed Monomers and Polymers, 2014, 17, 201-207.	1.6	6

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91	Influence of Teflon substrate on crystallization and enzymatic degradation of polymorphic poly(butylene adipate). Chinese Journal of Polymer Science (English Edition), 2014, 32, 1243-1252.	3.8	6
92	Novel high band gap pendant-borylated carbazole polymers with deep HOMO levels through direct π - π^* interaction for organic photovoltaics. Journal of Materials Chemistry C, 2016, 4, 4393-4401.	5.5	6
93	Deformation-induced crystalline structure evolutions of isotactic poly-1-butene. Colloid and Polymer Science, 2016, 294, 1983-1988.	2.1	6
94	DNA-templated copper nanoclusters obtained via TdT isothermal nucleic acid amplification for mercury assay. Analytical Methods, 2019, 11, 4165-4172.	2.7	6
95	Thermal dynamics affected formation and dislocation of PDLA morphology. Polymer, 2020, 192, 122318.	3.8	6
96	An asymmetric end-capping strategy enables a new non-fullerene acceptor for organic solar cells with efficiency over 10%. Chemical Communications, 2020, 56, 6531-6534.	4.1	6
97	Covalent Imprinting and Covalent Rebinding of Benzyl Mercaptan: Towards a Facile Detection of Proteins. Analytical Letters, 2017, 50, 866-876.	1.8	5
98	Conjugated Polymers: Conjugated Donor-Acceptor Terpolymers Toward High-Efficiency Polymer Solar Cells (Adv. Mater. 22/2019). Advanced Materials, 2019, 31, 1970161.	21.0	5
99	Synthesis and Photovoltaic Performance of Anthracene-Based Small Molecules for Solution-Processed Organic Solar Cells. ChemistrySelect, 2019, 4, 752-758.	1.5	5
100	Oleic acid-coated magnetic particles for removal of oil from produced water. Journal of Petroleum Science and Engineering, 2022, 211, 110088.	4.2	5
101	Regioselective alkanoylation of cyclodextrins. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2007, 57, 333-338.	1.6	4
102	Conformational Energy Settled Crystallization Behaviors of Poly(l-lactic acid). ACS Applied Polymer Materials, 2019, 1, 2552-2560.	4.4	4
103	Multiscale Characterization of a Wood-Based Biocrude as a Green Compatibilizing Agent for High-Impact Polystyrene/Halloysite Nanotube Nanocomposites. ACS Omega, 2019, 4, 19934-19943.	3.5	4
104	Facile synthesis of bis-dicyanovinylidene-end-capped push-pull molecules as panchromatic absorbers. Dyes and Pigments, 2019, 161, 227-232.	3.7	4
105	Significantly enhanced thermal stability from a new kind of n-type organic semiconductor DFA4: a fully fused F8IC. Journal of Materials Chemistry C, 2021, 9, 13625-13629.	5.5	4
106	Structural control of self-healing silica-poly(tetrahydropyran)-poly(μ -caprolactone) hybrids. Journal of Materials Chemistry B, 2021, 9, 4400-4410.	5.8	4
107	Effect of alkylthiolated hetero-aromatic rings on the photovoltaic performance of benzodithiophene-based polymer/fullerene solar cells. Synthetic Metals, 2021, 276, 116756.	3.9	4
108	Energy transfer from polyfluorene based polymer to europium complex. EPJ Applied Physics, 2007, 37, 57-59.	0.7	3

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109	Thionation of tetrakis[(ethoxycarbonyl)methoxy]tetrathiacalix[4]arenes with Lawesson's reagent. <i>Monatshfte für Chemie</i> , 2008, 139, 1103-1108.	1.8	3
110	Shear effects on crystallization behaviors and structure transitions of isotactic poly-1-butene. <i>Journal of Polymer Research</i> , 2014, 21, 1.	2.4	3
111	Analysis of structure transition and compatibility of PTT/PC blend without transesterification. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2016, 34, 1172-1182.	3.8	3
112	Comparison of the performance of masterbatch and liquid color concentrates for mass coloration of polypropylene. <i>Color Research and Application</i> , 2016, 41, 484-492.	1.6	3
113	Potential application of an <i>Aspergillus</i> strain in a pilot biofilter for benzene biodegradation. <i>Scientific Reports</i> , 2017, 7, 46059.	3.3	3
114	Stretch-induced stable-metastable crystal transformation of PVDF/graphene composites. <i>Polymer Crystallization</i> , 2019, 2, e10079.	0.8	3
115	Effects of sulfonation on bis-styrylbiphenyl fluorescent whitening agents for polypropylene. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47635.	2.6	3
116	Branched versus linear: side-chain effect on fluorinated wide bandgap donors and their applications in organic solar cells. <i>New Journal of Chemistry</i> , 2020, 44, 753-760.	2.8	3
117	Synthesis, Separation and Characterization of Thiacalix[4]arenes Diastereomers. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 183, 150-155.	1.6	2
118	Preparation and characterization of a temperature-sensitive nonwoven poly (propylene) with antibacterial properties. <i>Journal of the Textile Institute</i> , 2014, 105, 327-336.	1.9	2
119	Double equilibrium melting temperatures and zero growth temperature of PVDF in PVDF/graphene composites. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	2
120	Effects of terminal substituents on electrochemical reduction of X-PhCH=NPhCH=CHPh-Y. <i>Microchemical Journal</i> , 2019, 146, 729-734.	4.5	2
121	The side chain effects on TPD-based copolymers: the linear chain leads to a higher jsc. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2019, 56, 926-932.	2.2	2
122	Sappan Lignum Extract Inhibits Restenosis in the Injured Artery through the Deactivation of Nuclear Factor- κ B. <i>AIMS Bioengineering</i> , 2014, 1, 25-39.	1.1	2
123	An Assay Study of Molecular Recognition of Amino Acids in Water: Covalent Imprinting of Cysteine. <i>Journal of Biomedical Science and Engineering</i> , 2015, 08, 805-814.	0.4	2
124	EFFECT OF CROSS-LINKING OF HIGH-DENSITY POLYETHYLENE. I. ON SPHERULITIC STRUCTURES. <i>Journal of Macromolecular Science - Physics</i> , 2001, 40, 335-341.	1.0	1
125	Influence of Crystallization on Molecular Dynamics of the Amorphous Phase in Poly(μ -caprolactone) and Poly(μ -caprolactone)/LiClO ₄ Complexes Investigated by Dielectric Relaxation Spectroscopy. <i>Journal of Polymer Research</i> , 2013, 20, 1.	2.4	1
126	Glassy structure affected cold-crystallization behavior and structure of poly(lactic acid). <i>Journal of Polymer Research</i> , 2022, 29, .	2.4	1

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127	Experimental Study of Subcritical Water Liquefaction of Biomass: Effects of Catalyst and Biomass Species. , 2014, , .		0
128	Effect of Caspase Inhibitor Ac-DEVD-CHO on Apoptosis of Vascular Smooth Muscle Cells Induced by Artesunate. AIMS Bioengineering, 2014, 1, 13-24.	1.1	0
129	Effects of Remote Substituents on Electrochemical Reduction of X-PhCH=NPhCH=CHPh-Y. Journal of Self-Assembly and Molecular Electronics (SAME), 2018, 6, 1-1.	0.0	0
130	Mono-dispersed multi-doped LiFePO ₄ /C nanoparticles as a cathode material for lithium-ion batteries. Journal of Self-Assembly and Molecular Electronics (SAME), 2018, 6, 1-1.	0.0	0