

# Guangyuan Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

671  
citations

840776

11  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	A series of furanâ€aromatic polyesters synthesized via direct esterification method based on renewable resources. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1026-1036.	2.3	295
2	Biobased copolyesters: synthesis, crystallization behavior, thermal and mechanical properties of poly(ethylene glycol sebacate-co-ethylene glycol 2,5-furan dicarboxylate). <i>RSC Advances</i> , 2017, 7, 13798-13807.	3.6	54
3	Biobased multiblock copolymers: Synthesis, properties and shape memory performance of poly(ethylene 2,5-furandicarboxylate)-b-poly(ethylene glycol). <i>Polymer Degradation and Stability</i> , 2017, 144, 121-127.	5.8	53
4	Biobased copolyesters: Synthesis, sequence distribution, crystal structure, thermal and mechanical properties of poly(butylene sebacate-co-butylene furandicarboxylate). <i>Polymer Degradation and Stability</i> , 2017, 143, 1-8.	5.8	31
5	Poly(hexamethylene 2,5-furandicarboxylate) copolyesters containing phosphorus: Synthesis, crystallization behavior, thermal, mechanical and flame retardant properties. <i>Polymer Degradation and Stability</i> , 2018, 153, 272-280.	5.8	24
6	Synthesis and characterization of bio-based polyesters from 2,5-thiophenedicarboxylic acid. <i>Polymer Degradation and Stability</i> , 2019, 168, 108942.	5.8	22
7	New bio-based copolyesters derived from 1,4-butanediol, terephthalic acid and 2,5-thiophenedicarboxylic acid: Synthesis, crystallization behavior, thermal and mechanical properties. <i>Polymer Testing</i> , 2019, 75, 213-219.	4.8	22
8	Biobased multiblock copolymers: Synthesis, properties and shape memory behavior of poly(hexamethylene 2,5-furandicarboxylate)-b-poly(ethylene glycol). <i>Polymer Degradation and Stability</i> , 2018, 153, 292-297.	5.8	21
9	Novel biobased high toughness PBAT/PEF blends: morphology, thermal properties, crystal structures and mechanical properties. <i>New Journal of Chemistry</i> , 2020, 44, 3112-3121.	2.8	20
10	Synergistic catalysis of imidazole acetate ionic liquids for the methanolysis of spiral poly(ethylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 232 Td (2,5-furandicarboxylate-co-(5,5	9.0	20
11	New bio-based copolyesters poly(trimethylene 2,5-thiophenedicarboxylate-co-trimethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 173, 27-33.	3.8	16
12	Poly(propylene naphthalate-co-propylene 2,5-furandicarboxylate)s derived from bio-based 2,5-furandicarboxylic acid (FDCA): Synthesis, characterization and thermo-mechanical properties. <i>Polymer Degradation and Stability</i> , 2020, 179, 109244.	5.8	15
13	Fully bio-based polyesters poly(ethylene-co-1,5-pentylene 2,5-thiophenedicarboxylate)s (PEPTs) with high toughness: Synthesis, characterization and thermo-mechanical properties. <i>Polymer</i> , 2020, 204, 122800.	3.8	12
14	Development of a series of biobased poly(ethylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 232 Td (2,5-furandicarboxylate-co-(5,5 food packaging materials. <i>Green Chemistry</i> , 2022, 24, 5181-5190.	9.0	12
15	Renewable Poly(butene 2, 5-furan dicarboxylate) Nanocomposites Constructed by TiO2 Nanocubes: Synthesis, Crystallization, and Properties. <i>Polymer Degradation and Stability</i> , 2021, 189, 109591.	5.8	11
16	Insights into high molecular weight poly(ethylene 2,5-furandicarboxylate) with satisfactory appearance: Roles of in-situ catalysis of metal zinc. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 99, 422-430.	5.8	11
17	High <i>T</i> <sub><i>g</i></sub> and tough poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (2,5â€thiophenedic and characterization. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48634.	2.6	10
18	Poly(propylene naphthalate-co-propylene 2,5-thiophenedicarboxylate)s derived from bio-based 2,5-thiophenedicarboxylic acid (TDCA): Synthesis and properties. <i>Polymer Testing</i> , 2021, 93, 106955.	4.8	9

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of cyclic bisphenol A (phenylene phosphonate) oligomer and its flame retardancy application. <i>Polymer Degradation and Stability</i> , 2015, 122, 161-168.	5.8	7
20	Partially bio-based copolyesters poly(ethylene 2,5-thiophenedicarboxylate-co-ethylene terephthalate): Synthesis and properties. <i>Polymer Degradation and Stability</i> , 2020, 181, 109369.	5.8	6