Guangyuan Zhou

List of Publications by Year
in descending order

20	671	840776 11	752698 20
papers	citations	h-index	g-index

20	20	20	504
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of a series of biobased poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 752 Td (2,5-furandicarboxylate-co- food packaging materials. Green Chemistry, 2022, 24, 5181-5190.	9.0	12
2	Poly(propylene naphthalate-co-propylene 2,5-thiophenedicarboxylate)s derived from bio-based 2,5-thiophenedicarboxylic acid (TDCA): Synthesis and properties. Polymer Testing, 2021, 93, 106955.	4.8	9
3	Renewable Poly(butene 2, 5-furan dicarboxylate) Nanocomposites Constructed by TiO2 Nanocubes: Synthesis, Crystallization, and Properties. Polymer Degradation and Stability, 2021, 189, 109591.	5.8	11
4	Insights into high molecular weight poly(ethylene 2,5-furandicarboxylate) with satisfactory appearance: Roles of in-situ catalysis of metal zinc. Journal of Industrial and Engineering Chemistry, 2021, 99, 422-430.	5.8	11
5	Synergistic catalysis of imidazole acetate ionic liquids for the methanolysis of spiral poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock	9.0	20
6	High T_g and tough poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (2,5â€thiophenedicarboxylat and characterization. Journal of Applied Polymer Science, 2020, 137, 48634.	2.6	10
7	Fully bio-based polyesters poly(ethylene-co-1,5-pentylene 2,5-thiophenedicarboxylate)s (PEPTs) with high toughness: Synthesis, characterization and thermo-mechanical properties. Polymer, 2020, 204, 122800.	3.8	12
8	Partially bio-based copolyesters poly(ethylene 2,5-thiophenedicarboxylate-co-ethylene terephthalate): Synthesis and properties. Polymer Degradation and Stability, 2020, 181, 109369.	5.8	6
9	Poly(propylene naphthalate-co-propylene 2,5-furandicarboxylate)s derived from bio-based 2,5-furandicarboxylic acid (FDCA): Synthesis, characterization and thermo-mechanical properties. Polymer Degradation and Stability, 2020, 179, 109244.	5.8	15
10	Novel biobased high toughness PBAT/PEF blends: morphology, thermal properties, crystal structures and mechanical properties. New Journal of Chemistry, 2020, 44, 3112-3121.	2.8	20
11	Synthesis and characterization of bio-based polyesters from 2,5-thiophenedicarboxylic acid. Polymer Degradation and Stability, 2019, 168, 108942.	5.8	22
12	New bio-based copolyesters poly(trimethylene 2,5-thiophenedicarboxylate-co-trimethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 To 173, 27-33.	3.8	16
13	New bio-based copolyesters derived from 1,4-butanediol, terephthalic acid and 2,5-thiophenedicarboxylic acid: Synthesis, crystallization behavior, thermal and mechanical properties. Polymer Testing, 2019, 75, 213-219.	4.8	22
14	Poly(hexamethylene 2,5-furandicarboxylate) copolyesters containing phosphorus: Synthesis, crystallization behavior, thermal, mechanical and flame retardant properties. Polymer Degradation and Stability, 2018, 153, 272-280.	5.8	24
15	Biobased multiblock copolymers: Synthesis, properties and shape memory behavior of poly(hexamethylene 2,5-furandicarboxylate)-b-poly(ethylene glycol). Polymer Degradation and Stability, 2018, 153, 292-297.	5.8	21
16	Biobased copolyesters: synthesis, crystallization behavior, thermal and mechanical properties of poly(ethylene glycol sebacate-co-ethylene glycol 2,5-furan dicarboxylate). RSC Advances, 2017, 7, 13798-13807.	3.6	54
17	Biobased copolyesters: Synthesis, sequence distribution, crystal structure, thermal and mechanical properties of poly(butylene sebacate-co-butylene furandicarboxylate). Polymer Degradation and Stability, 2017, 143, 1-8.	5.8	31
18	Biobased multiblock copolymers: Synthesis, properties and shape memory performance of poly(ethylene 2,5-furandicarboxylate)-b-poly(ethylene glycol). Polymer Degradation and Stability, 2017, 144, 121-127.	5.8	53

#	Article	IF	Citations
19	Synthesis and characterization of cyclic bisphenol A (phenylene phosphonate) oligomer and its flame retardancy application. Polymer Degradation and Stability, 2015, 122, 161-168.	5.8	7
20	A series of furanâ€aromatic polyesters synthesized via direct esterification method based on renewable resources. Journal of Polymer Science Part A, 2012, 50, 1026-1036.	2.3	295