Galip Yilmaz

List of Publications by Year
in descending order

12	189	1163117 8	1199594 12
papers	citations	h-index	g-index

12	12	12	255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Conventional and Microcellular Injection Molding of a Highly Filled Polycarbonate Composite with Glass Fibers and Carbon Black. Polymers, 2022, 14, 1193.	4.5	1
2	Viscosity characterization and flow simulation and visualization of polytetrafluoroethylene paste extrusion using a green and biofriendly lubricant. Polymer Engineering and Science, 2021, 61, 1050-1065.	3.1	5
3	Nonâ€linear rheological response as a tool for assessing dispersion in polypropylene/polycaprolactone/clay nanocomposites and blends made with subâ€critical gasâ€assisted processing. Polymer Engineering and Science, 2020, 60, 55-60.	3.1	8
4	Subcritical gasâ€assisted processing of ethylene vinyl alcoholâ€‰+â€‰nanoclay composites. Polymer Composites, 2020, 41, 1584-1594.	4.6	3
5	A quick response and tribologically durable graphene heater for rapid heat cycle molding and its applications in injection molding. Applied Thermal Engineering, 2020, 167, 114791.	6.0	14
6	Biologically Functionalized Expanded Polytetrafluoroethylene Blood Vessel Grafts. Biomacromolecules, 2020, 21, 3807-3816.	5.4	24
7	Effect of carbonization temperature on mechanical properties and biocompatibility of biochar/ultra-high molecular weight polyethylene composites. Composites Part B: Engineering, 2020, 196, 108120.	12.0	27
8	Injection molding of delaminationâ€free ultraâ€highâ€molecularâ€weight polyethylene. Polymer Engineering and Science, 2019, 59, 2313-2322.	3.1	10
9	Sub-critical gas-assisted processing of ethylene vinyl alcohol + nanoclay composites. AIP Conference Proceedings, 2019, , .	0.4	1
10	Injection and injection compression molding of ultraâ€highâ€molecular weight polyethylene powder. Polymer Engineering and Science, 2019, 59, E170.	3.1	14
11	In situ synthesis of polyurethane scaffolds with tunable properties by controlled crosslinking of tri-block copolymer and polycaprolactone triol for tissue regeneration. Chemical Engineering Journal, 2018, 348, 786-798.	12.7	58
12	Improved Processability and the Processing-Structure-Properties Relationship of Ultra-High Molecular Weight Polyethylene via Supercritical Nitrogen and Carbon Dioxide in Injection Molding. Polymers, 2018, 10, 36.	4.5	24