shyh-shin Hwang

List of Publications by Year
in descending order

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11	245	1307594	1372567
papers	citations	7	10
		h-index	g-index

11	11	11	270
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Gas Counter Pressure on the Surface Roughness, Morphology, and Tensile Strength between Microcellular and Conventional Injection-Molded PP Parts. Polymers, 2022, 14, 1078.	4.5	8
2	Effects of Injection Molding Process Parameters on the Chemical Foaming Behavior of Polypropylene and Polystyrene. Polymers, 2021, 13, 2331.	4.5	16
3	Effect of gas counter pressure on shrinkage and residual stress for injection molding process. Journal of Polymer Engineering, 2017, 37, 505-520.	1.4	6
4	Visualization of counter pressure mechanism in gas-assisted injection molding process. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2017, 40, 459-470.	1.1	2
5	Tensile, electrical conductivity and EMI shielding properties of solid and foamed PBT/carbon fiber composites. Composites Part B: Engineering, 2016, 98, 1-8.	12.0	88
6	Foaming morphology control of microcellular injection molded parts with gas counter pressure and dynamic mold temperature control. , 2014, , .		1
7	The effects of gas counter pressure and mold temperature variation on the surface quality and morphology of the microcellular polystyrene foams. Journal of Applied Polymer Science, 2013, 127, 4769-4776.	2.6	61
8	Simulation and Experimental Charactarization of Foaming Morphology on Microcellular Injection Molded Parts. Seikei-Kakou, 2013, 25, 411-415.	0.0	1
9	A comparative study of the preparation and physical properties of polystyreneâ€“silica mesocomposite and nanocomposite materials. Polymer International, 2011, 60, 1129-1135.	3.1	10
10	The mechanical/thermal properties of microcellular injectionâ€molded polyâ€lacticâ€acid nanocomposites. Polymer Composites, 2009, 30, 1625-1630.	4.6	32
11	The dimensional stability of a microcellular injection molded gear shaft. International Communications in Heat and Mass Transfer, 2008, 35, 263-275.	5.6	20