

shyh-shin Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

245
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

270
citing authors

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