

# Davoud Jahani

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

378  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of PLA/cellulosic fiber composite foams using injection molding: Crystallization and foaming behaviors. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 83, 130-139.	7.6	129
2	Characterization of the Structure, Acoustic Property, Thermal Conductivity, and Mechanical Property of Highly Expanded Open-Cell Polycarbonate Foams. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 48-56.	3.6	63
3	Processing and characterization of solid and foamed injection-molded polylactide with talc. <i>Journal of Cellular Plastics</i> , 2013, 49, 351-374.	2.4	60
4	Characterization of hard-segment crystalline phase of poly(ether-block-amide) (PEBAX <sup>®</sup> ) thermoplastic elastomers in the presence of supercritical CO <sub>2</sub> and its impact on foams. <i>Polymer</i> , 2017, 114, 15-27.	3.8	60
5	The experimental and numerical relation between the solubility, diffusivity and bubble nucleation of supercritical CO <sub>2</sub> in Polystyrene via visual observation apparatus. <i>Journal of Supercritical Fluids</i> , 2018, 139, 30-37.	3.2	23
6	Estimation of the foaming temperature of mold-opening foam injection molding process. <i>Journal of Cellular Plastics</i> , 2016, 52, 619-641.	2.4	21
7	Polyvinyl Alcohol/Calcium Carbonate Nanocomposites as Efficient and Cost-Effective Cationic Dye Adsorbents. <i>Polymers</i> , 2020, 12, 2179.	4.5	13
8	An experimental study on the micro- and nanocellular foaming of polystyrene/poly(methyl methacrylate) blends. <i>Journal of Cellular Plastics</i> , 2014, 50, 462-470.	1.4	3
9	Experimental and Numerical Analyses of n-Pentane Solubility and Diffusivity in Polystyrene/Poly(methyl methacrylate) Blends. <i>Journal of Chemical &amp; Engineering Data</i> , 2020, 65, 4596-4604.	1.9	3
10	Experimental and numerical investigation of bubble nucleation and growth in supercritical CO <sub>2</sub> -blown poly(vinyl alcohol). <i>Korean Journal of Chemical Engineering</i> , 2022, 39, 2252-2262.	2.7	3
11	Static characterization of microstructures using AOMSI and temporal phase-shifting (TPS) methods. <i>Microsystem Technologies</i> , 2012, 18, 661-666.	2.0	0
12	Back Cover: <i>Macromol. Mater. Eng.</i> 1/2015. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 128-128.	3.6	0