

# Davoud Jahani

## List of Publications by Year in descending order

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12  
papers

378  
citations

1307594

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1372567

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docs citations

12  
times ranked

385  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical investigation of bubble nucleation and growth in supercritical CO <sub>2</sub> -blown poly(vinyl alcohol). Korean Journal of Chemical Engineering, 2022, 39, 2252-2262.	2.7	3
2	Polyvinyl Alcohol/Calcium Carbonate Nanocomposites as Efficient and Cost-Effective Cationic Dye Adsorbents. Polymers, 2020, 12, 2179.	4.5	13
3	Experimental and Numerical Analyses of n-Pentane Solubility and Diffusivity in Polystyrene/Poly(methyl methacrylate) Blends. Journal of Chemical & Engineering Data, 2020, 65, 4596-4604.	1.9	3
4	An experimental study on the micro- and nanocellular foaming of polystyrene/poly(methyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 622 Td	1.4	3
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. Journal of Supercritical Fluids, 2018, 139, 30-37.	3.2	23
6	Characterization of hard-segment crystalline phase of poly(ether- block -amide) (PEBAX Å® ) thermoplastic elastomers in the presence of supercritical CO <sub>2</sub> and its impact on foams. Polymer, 2017, 114, 15-27.	3.8	60
7	Estimation of the foaming temperature of mold-opening foam injection molding process. Journal of Cellular Plastics, 2016, 52, 619-641.	2.4	21
8	Development of PLA/cellulosic fiber composite foams using injection molding: Crystallization and foaming behaviors. Composites Part A: Applied Science and Manufacturing, 2016, 83, 130-139.	7.6	129
9	Characterization of the Structure, Acoustic Property, Thermal Conductivity, and Mechanical Property of Highly Expanded Openâ€Cell Polycarbonate Foams. Macromolecular Materials and Engineering, 2015, 300, 48-56.	3.6	63
10	Back Cover: Macromol. Mater. Eng. 1/2015. Macromolecular Materials and Engineering, 2015, 300, 128-128.	3.6	0
11	Processing and characterization of solid and foamed injection-molded polylactide with talc. Journal of Cellular Plastics, 2013, 49, 351-374.	2.4	60
12	Static characterization of microstructures using AOMSI and temporal phase-shifting (TPS) methods. Microsystem Technologies, 2012, 18, 661-666.	2.0	0