Minh-Phuong Tran

List of Publications by Year
in descending order

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Version: 2024-02-01

		1039880	1199470
15	702	9	12
papers	citations	h-index	g-index

15	15	15	741
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CO₂-blown microcellular non-isocyanate polyurethane (NIPU) foams: from bio- and CO₂-sourced monomers to potentially thermal insulating materials. Green Chemistry, 2016, 18, 2206-2215.	4.6	165
2	Heat transfer in microcellular polystyrene/multi-walled carbon nanotube nanocomposite foams. Carbon, 2015, 93, 819-829.	5.4	158
3	Advanced bimodal polystyrene/multi-walled carbon nanotube nanocomposite foams for thermal insulation. Carbon, 2017, 120, 1-10.	5.4	124
4	The influence of foam morphology of multi-walled carbon nanotubes/poly(methylÂmethacrylate) nanocomposites on electrical conductivity. Polymer, 2013, 54, 3261-3270.	1.8	91
5	Development of high-porosity resorcinol formaldehyde aerogels with enhanced mechanical properties through improved particle necking under CO 2 supercritical conditions. Journal of Colloid and Interface Science, 2017, 485, 65-74.	5.0	49
6	Nanocomposite Foams of Polypropylene and Carbon Nanotubes: Preparation, Characterization, and Evaluation of their Performance as EMI Absorbers. Macromolecular Chemistry and Physics, 2015, 216, 1302-1312.	1.1	39
7	Wrong expectation of superinsulation behavior from largely-expanded nanocellular foams. Nanoscale, 2020, 12, 13064-13085.	2.8	32
8	Experimental and computational micro-mechanical investigations of compressive properties of polypropylene/multi-walled carbon nanotubes nanocomposite foams. Mechanics of Materials, 2015, 91, 95-118.	1.7	15
9	From micro/nano structured isotactic polypropylene to a multifunctional low-density nanoporous medium. RSC Advances, 2016, 6, 108056-108066.	1.7	12
10	Deposition of hydrogen chloride gas on copper wafer depending on humidity and HCl concentration. Microelectronic Engineering, 2019, 207, 1-6.	1.1	8
11	Ammonia sorption outgassing and cross contamination ability of Entegris FOUPs evaluation and its volatile acids comparison. Microelectronic Engineering, 2019, 205, 53-58.	1.1	6
12	Determination of HCl Transport Coefficients in Real FOUP Polymers for HCl Cross-Contamination Assessment from FOUP to Wafer. Solid State Phenomena, 0, 282, 321-328.	0.3	1
13	Transport Coefficients of Ammonia Gas in Thermoplastic Polymers and Nanocomposites Used for Microelectronic Substrates Containers. , 0, 27, 63-72.		1
14	Adsorption and desorption kinetics of airborne ammonia on chromium-coated wafer in cleanroom depending on humidity and NH3 concentration. Microelectronic Engineering, 2020, 230, 111347.	1.1	1
15	Macromol. Chem. Phys. 12/2015. Macromolecular Chemistry and Physics, 2015, 216, 1380-1380.	1.1	0