

# Minh-Phuong Tran

## List of Publications by Year in descending order

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15  
papers

702  
citations

1039880

9  
h-index

1199470

12  
g-index

15  
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15  
docs citations

15  
times ranked

741  
citing authors

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