Nantakan Muensit

List of Publications by Citations

18 papers	155 citations	7 h-index	12 g-index
19 ext. papers	195 ext. citations	2.9 avg, IF	3.33 L-index

#	Paper	IF	Citations
18	Enhanced strain response and energy harvesting capabilities of electrostrictive polyurethane composites filled with conducting polyaniline. *Composites Science and Technology*, **2016**, 122, 97-103	8.6	25
17	High electromechanical performance of modified electrostrictive polyurethane three-phase composites. *Composites Science and Technology*, **2018**, 158, 164-174	8.6	24
16	Interface Polarization Effect on Dielectric and Electrical Properties of Polyurethane (PU)/Polyaniline (PANI) Polymer Composites. *Advanced Materials Research*, **2013**, 770, 275-278	0.5	24
15	Micropower energy harvesting using poly(vinylidene fluoride hexafluoropropylene). *Applied Physics Letters*, **2013**, 103, 063905	3.4	18
14	High Electromechanical Deformation Based on Structural Beta-Phase Content and Electrostrictive Properties of Electrospun Poly(vinylidene fluoride- hexafluoropropylene) Nanofibers. *Polymers*, **2019**, 11,	4.5	16
13	Energy Conversion Capacity of Barium Zirconate Titanate. *Materials*, **2020**, 13,	3.5	8
12	Demonstrating spray deposition of self-regulated nanorough layers for stable transparent superhydrophobic film coatings. *Thin Solid Films*, **2019**, 686, 137429	2.2	8
11	Effect of hydrated salts on the microstructure and phase transformation of poly(vinylidenefluoride-hexafluoropropylene) composites. *Materials Research Express*, **2018**, 5, 055702	1.7	7
10	Electrostrictive Energy Conversion of Polyurethane with Different Hard Segment Aggregations. *Advances in Materials Science and Engineering*, **2013**, 2013, 1-8	1.5	7
9	Extreme Wetting-Resistant Multiscale Nano-/Microstructured Surfaces for Viscoelastic Liquid Repellence. *Journal of Nanomaterials*, **2016**, 2016, 1-13	3.2	7
8	Enhancement of ferroelectric phase and dielectric properties of P(VDF-HFP) by NiCl2?6H2O nucleating agent. *Integrated Ferroelectrics*, **2019**, 195, 230-239	0.8	3
7	Development of Young modulus for collagen thin films reinforced with ZnO nanorods probed by Atomic force microscopy. *Biomedical Physics and Engineering Express*, **2018**, 4, 055022	1.5	3
6	Enhanced electroactive phase formation and dielectric properties of piezoelectric electrospun nanofibers by ZnO nanoparticles. *Materials Today: Proceedings*, **2019**, 17, 1637-1643	1.4	2
5	Piezoelectric polyvinylidene fluoride thin film as monitoring sensor **2013**,		1
4	Electro-mechanical properties of poly(vinylidene fluoride-hexafluoropropylene) reinforced with zinc oxide nanostructure. *Micro and Nano Letters*, **2018**, 13, 1063-1067	0.9	1
3	Phase and Structure Behavior vs. Electromechanical Performance of Electrostrictive P(VDF-HFP)/ZnO Composite Nanofibers. *Polymers*, **2021**, 13,	4.5	1
2	Durable slippery lubricant-infused multiscale-textured surfaces for repelling highly adhesive liquids. *Materials Research Express*, **2020**, 7, 106409	1.7	

List of Publications

1	Improved Electroactive Phase Nucleation and Dielectric Properties of P(VDF-HFP) Composite with Al(NO3)3·9H2O Fillers. *Integrated Ferroelectrics*, **2022**, 224, 181-191	0.8