

# Nantakan Muensit

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Improved Electroactive $\beta$ -Phase Nucleation and Dielectric Properties of P(VDF-HFP) Composite with $\text{Al}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$ Fillers. <i>Integrated Ferroelectrics</i> , <b>2022</b> , 224, 181-191	0.8	
17	Phase and Structure Behavior vs. Electromechanical Performance of Electrostrictive P(VDF-HFP)/ZnO Composite Nanofibers. <i>Polymers</i> , <b>2021</b> , 13,	4.5	1
16	Energy Conversion Capacity of Barium Zirconate Titanate. <i>Materials</i> , <b>2020</b> , 13,	3.5	8
15	Durable slippery lubricant-infused multiscale-textured surfaces for repelling highly adhesive liquids. <i>Materials Research Express</i> , <b>2020</b> , 7, 106409	1.7	
14	Enhancement of ferroelectric phase and dielectric properties of P(VDF-HFP) by $\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$ nucleating agent. <i>Integrated Ferroelectrics</i> , <b>2019</b> , 195, 230-239	0.8	3
13	Demonstrating spray deposition of self-regulated nanorough layers for stable transparent superhydrophobic film coatings. <i>Thin Solid Films</i> , <b>2019</b> , 686, 137429	2.2	8
12	Enhanced electroactive $\beta$ -phase formation and dielectric properties of piezoelectric electrospun nanofibers by ZnO nanoparticles. <i>Materials Today: Proceedings</i> , <b>2019</b> , 17, 1637-1643	1.4	2
11	High Electromechanical Deformation Based on Structural Beta-Phase Content and Electrostrictive Properties of Electrospun Poly(vinylidene fluoride- hexafluoropropylene) Nanofibers. <i>Polymers</i> , <b>2019</b> , 11,	4.5	16
10	Effect of hydrated salts on the microstructure and phase transformation of poly(vinylidene fluoride-hexafluoropropylene) composites. <i>Materials Research Express</i> , <b>2018</b> , 5, 055702	1.7	7
9	High electromechanical performance of modified electrostrictive polyurethane three-phase composites. <i>Composites Science and Technology</i> , <b>2018</b> , 158, 164-174	8.6	24
8	Development of Young's modulus for collagen thin films reinforced with ZnO nanorods probed by Atomic force microscopy. <i>Biomedical Physics and Engineering Express</i> , <b>2018</b> , 4, 055022	1.5	3
7	Electro-mechanical properties of poly(vinylidene fluoride-hexafluoropropylene) reinforced with zinc oxide nanostructure. <i>Micro and Nano Letters</i> , <b>2018</b> , 13, 1063-1067	0.9	1
6	Enhanced strain response and energy harvesting capabilities of electrostrictive polyurethane composites filled with conducting polyaniline. <i>Composites Science and Technology</i> , <b>2016</b> , 122, 97-103	8.6	25
5	Extreme Wetting-Resistant Multiscale Nano-/Microstructured Surfaces for Viscoelastic Liquid Repellence. <i>Journal of Nanomaterials</i> , <b>2016</b> , 2016, 1-13	3.2	7
4	Micropower energy harvesting using poly(vinylidene fluoride hexafluoropropylene). <i>Applied Physics Letters</i> , <b>2013</b> , 103, 063905	3.4	18
3	Electrostrictive Energy Conversion of Polyurethane with Different Hard Segment Aggregations. <i>Advances in Materials Science and Engineering</i> , <b>2013</b> , 2013, 1-8	1.5	7
2	Interface Polarization Effect on Dielectric and Electrical Properties of Polyurethane (PU)/Polyaniline (PANI) Polymer Composites. <i>Advanced Materials Research</i> , <b>2013</b> , 770, 275-278	0.5	24

1 Piezoelectric polyvinylidene fluoride thin film as monitoring sensor **2013**,

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