

Nghia Dinh Huynh

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

437
citations

1040056

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1372567

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docs citations

10
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanopillar-array architected PDMS-based triboelectric nanogenerator integrated with a windmill model for effective wind energy harvesting. <i>Nano Energy</i> , 2017, 42, 269-281.	16.0	136
2	Electron blocking layer-based interfacial design for highly-enhanced triboelectric nanogenerators. <i>Nano Energy</i> , 2018, 50, 9-15.	16.0	105
3	Continuous scavenging of broadband vibrations via omnipotent tandem triboelectric nanogenerators with cascade impact structure. <i>Scientific Reports</i> , 2019, 9, 8223.	3.3	47
4	Effects of Embedded TiO ₂ Nanoparticles on Triboelectric Nanogenerator Performance. <i>Micromachines</i> , 2018, 9, 407.	2.9	43
5	Designable Skin-like Triboelectric Nanogenerators Using Layer-by-Layer Self-Assembled Polymeric Nanocomposites. <i>ACS Energy Letters</i> , 2021, 6, 2451-2459.	17.4	31
6	Dynamic balanced hybridization of TENG and EMG via Tesla turbine for effectively harvesting broadband mechanical pressure. <i>Nano Energy</i> , 2021, 85, 105983.	16.0	25
7	Automatically switchable mechanical frequency regulator for continuous mechanical energy harvesting via a triboelectric nanogenerator. <i>Nano Energy</i> , 2021, 89, 106350.	16.0	17
8	Designable functional polymer nanocomposites via layer-by-layer assembly for highly deformable power-boosted triboelectric nanogenerators. <i>Composites Part B: Engineering</i> , 2022, 230, 109513.	12.0	17
9	Magnetic Force Enhanced Sustainability and Power of Cam-Based Triboelectric Nanogenerator. <i>Research</i> , 2021, 2021, 6426130.	5.7	10
10	Mechanical Conversion and Transmission Systems for Controlling Triboelectric Nanogenerators. <i>Nanoenergy Advances</i> , 2022, 2, 29-51.	7.7	6