

Tarik J Dickens

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

340
citations

1163117

8
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress towards self-healing polymers for composite structural applications. <i>Polymer</i> , 2016, 83, 260-282.	3.8	122
2	3D Wire-Shaped Dye-Sensitized Solar Cells in Solid State Using Carbon Nanotube Yarns with Hybrid Photovoltaic Structure. <i>Advanced Materials Interfaces</i> , 2014, 1, 1400075.	3.7	41
3	A high efficiency 3D photovoltaic microwire with carbon nanotubes (CNT)-quantum dot (QD) hybrid interface. <i>Physica Status Solidi - Rapid Research Letters</i> , 2014, 8, 898-903.	2.4	35
4	Engineering Crack Formation in Carbon Nanotube-Silver Nanoparticle Composite Films for Sensitive and Durable Piezoresistive Sensors. <i>Nanoscale Research Letters</i> , 2016, 11, 422.	5.7	33
5	Real time failure detection in unreinforced cementitious composites with triboluminescent sensor. <i>Journal of Luminescence</i> , 2014, 147, 235-241.	3.1	29
6	Enabling damage detection: manufacturing composite laminates doped with dispersed triboluminescent materials. <i>Journal of Reinforced Plastics and Composites</i> , 2011, 30, 1869-1876.	3.1	25
7	Dielectric Properties for Nanocomposites Comparing Commercial and Synthetic Ni- and Fe ₃ O ₄ -Loaded Polystyrene. <i>ACS Omega</i> , 2018, 3, 12813-12823.	3.5	14
8	Development of friction-induced triboluminescent sensor for load monitoring. <i>Journal of Intelligent Material Systems and Structures</i> , 2018, 29, 883-895.	2.5	13
9	Additive technology of soluble mold tooling for embedded devices in composite structures: A study on manufactured tolerances. <i>Additive Manufacturing</i> , 2017, 15, 78-86.	3.0	6
10	Synthesis conditions of europium tetrakis dibenzoylmethide triethylammonium crystals. <i>Crystal Research and Technology</i> , 2016, 51, 160-166.	1.3	5
11	Mechanical Characterization of EuD ₄ TEA and ZnS:Mn-Enhanced Composites. <i>Crystal Research and Technology</i> , 2017, 52, 1700088.	1.3	5
12	3D Sensing Using Solid-State Wire-Shaped Photovoltaic Sensor in TL-Based Structural Health Monitoring. , 2016, , 351-377.		4
13	Solid-State Dye Sensitized Optoelectronic Carbon Nanotube-Wires: An Energy Harvesting Damage Sensor With Nanotechnology Approach. , 2012, , .		3
14	Triboluminescent Sensors for Cement-Based Composites. , 2016, , 379-410.		2
15	Triboluminescent Sensors for Polymer-Based Composites. , 2016, , 305-332.		2
16	Buckypaper-Cored Novel Photovoltaic Sensors for In-Situ Structural Health Monitoring of Composite Materials Using Hybrid Quantum Dots. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2016, , 73-79.	0.5	1