

# Tarik J Dickens

## List of Publications by Year in descending order

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16  
papers

340  
citations

1163117

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h-index

1281871

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16  
all docs

16  
docs citations

16  
times ranked

479  
citing authors

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