

# Jonathon D Tanks

## List of Publications by Year in descending order

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20  
papers

267  
citations

933447

10  
h-index

940533

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g-index

21  
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21  
docs citations

21  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic flexural behavior of hybrid SMA/steel fiber reinforced concrete analyzed by optical and acoustic techniques. <i>Composite Structures</i> , 2018, 201, 248-260.	5.8	42
2	Acoustic emission analysis of cyclically loaded superelastic shape memory alloy fiber reinforced mortar beams. <i>Cement and Concrete Research</i> , 2017, 95, 178-187.	11.0	36
3	Accelerated creep and creep-rupture testing of transverse unidirectional carbon/epoxy lamina based on the stepped isostress method. <i>Composite Structures</i> , 2017, 159, 455-462.	5.8	35
4	Diffusion kinetics, swelling, and degradation of corrosion-resistant C-glass/epoxy woven composites in harsh environments. <i>Composite Structures</i> , 2018, 202, 686-694.	5.8	22
5	Mechanical response of unidirectional composite bars loaded in transverse compression. <i>Composites Part B: Engineering</i> , 2016, 97, 18-25.	12.0	15
6	Charpy impact testing to assess the quality and durability of unidirectional CFRP rods. <i>Polymer Testing</i> , 2016, 51, 63-68.	4.8	14
7	Mass production of low-boiling point solvent- and water-soluble graphene by simple salt-assisted ball milling. <i>Nanoscale Advances</i> , 2019, 1, 4955-4964.	4.6	14
8	Direct exfoliation of layered materials in low-boiling point solvents using weak acid salts. <i>Carbon</i> , 2019, 142, 261-268.	10.3	13
9	Kinetics of in-plane shear degradation in carbon/epoxy rods from exposure to alkaline and saline environments. <i>Composites Part B: Engineering</i> , 2017, 110, 204-212.	12.0	12
10	Application of sheet-like energy directors to ultrasonic welding of carbon fibre-reinforced thermoplastics. <i>Advanced Composite Materials</i> , 2021, 30, 192-204.	1.9	12
11	Characterization of the Static, Creep, and Fatigue Tensile Behavior of Basalt Fiber/Polypropylene Composite Rods for Passive Concrete Reinforcement. <i>Polymers</i> , 2021, 13, 3136.	4.5	11
12	Influence of network structure on the degradation of poly(ether)amine-cured epoxy resins by inorganic acid. <i>Polymer Degradation and Stability</i> , 2018, 157, 153-159.	5.8	10
13	Durability of CFRP cables exposed to simulated concrete environments. <i>Advanced Composite Materials</i> , 2017, 26, 245-258.	1.9	7
14	Exfoliation Behavior of Large Anionic Graphite Flakes in Liquid Produced by Salt-Assisted Ball Milling. <i>Processes</i> , 2020, 8, 28.	2.8	6
15	Investigation of a critical separation criterion for mode I-Governed fracture of basalt fiber/polypropylene rods via a modified double cantilever beam test. <i>Composite Structures</i> , 2022, 279, 114778.	5.8	5
16	UV durability assessment of a thermoplastic epoxy-based hybrid composite rod for structural reinforcement and retrofitting. <i>Journal of Building Engineering</i> , 2022, 48, 103922.	3.4	5
17	Environmental Effects on Material and Bond Durability of CFRP and AFRP for Prestressed Concrete Bridge Applications. , 2015, , .		4
18	Mechanochemical reaction using weak acid salts enables dispersion and exfoliation of nanomaterials in polar solvents. <i>Journal of Materials Science</i> , 2019, 54, 4546-4558.	3.7	3

#	ARTICLE	IF	CITATIONS
19	Investigations on Cyclic Flexural Behavior of Fiber Reinforced Cementitious Composites Using Digital Image Correlation and Acoustic Emissions. Conference Proceedings of the Society for Experimental Mechanics, 2017, , 173-175.	0.5	0
20	Application of Sheet-like Energy Directors for Ultrasonic Welding of Carbon Fiber-Reinforced Thermoplastics. Journal of the Japan Society for Composite Materials, 2019, 45, 215-222.	0.2	0