Arash Afshar

List of Publications by Year
in descending order

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12	279	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nondestructive evaluation of carbon-fiber composites using digital image correlation, acoustic emission, and optical based modal analysis. Wind Engineering, 2022, 46, 1618-1628.	1.9	3
2	Computational Study of Non-Porous Auxetic Plates with Diamond Shape Inclusions. Journal of Composites Science, 2022, 6, 192.	3.0	4
3	Effects of environmental exposures on carbon fiber epoxy composites protected by metallic thin films. Journal of Composite Materials, 2020, 54, 167-177.	2.4	12
4	Non-contact vibration monitoring of rotating wind turbines using a semi-autonomous UAV. Mechanical Systems and Signal Processing, 2020, 138, 106446.	8.0	77
5	Development of Weather-Resistant 3D Printed Structures by Multi-Material Additive Manufacturing. Journal of Composites Science, 2020, 4, 94.	3.0	13
6	Enhancing durability of 3D printed polymer structures by metallization. Journal of Materials Science and Technology, 2020, 53, 185-191.	10.7	26
7	Study of metallic thin films on epoxy matrix as protective barrier to ultraviolet radiation. Surface and Coatings Technology, 2019, 367, 41-48.	4.8	13
8	Synergistic effects of environmental exposures on polymer matrix with or without metallic coating protection. Journal of Composite Materials, 2018, 52, 3773-3784.	2.4	7
9	Synergistic effects of marine environments and flexural fatigue on carbon fiberâ€“vinyl ester composites protected by gelcoat. Journal of Composite Materials, 2017, 51, 3711-3717.	2.4	9
10	Time-dependent changes in mechanical properties of carbon fiber vinyl ester composites exposed to marine environments. Composite Structures, 2016, 144, 80-85.	5.8	49
11	Synergistic Effects of Fatigue and Marine Environments on Carbon Fiber Vinyl-Ester Composites. Journal of Engineering Materials and Technology, Transactions of the ASME, 2015, 137, .	1.4	14
12	Effect of long-term exposure to marine environments on the flexural properties of carbon fiber vinylester composites. Composite Structures, 2015, 126, 72-77.	5.8	52