

Joel Galos

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

520
citations

840776

11
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	Thin-ply composite laminates: a review. <i>Composite Structures</i> , 2020, 236, 111920.	5.8	110
2	Energy Storage Structural Composites with Integrated Lithium-ion Batteries: A Review. <i>Advanced Materials Technologies</i> , 2021, 6, 2001059.	5.8	71
3	Multifunctional sandwich composites containing embedded lithium-ion polymer batteries under bending loads. <i>Materials and Design</i> , 2020, 185, 108228.	7.0	51
4	Reducing the energy consumption of heavy goods vehicles through the application of lightweight trailers: Fleet case studies. <i>Transportation Research, Part D: Transport and Environment</i> , 2015, 41, 40-49.	6.8	35
5	Vibration and acoustic properties of composites with embedded lithium-ion polymer batteries. <i>Composite Structures</i> , 2019, 220, 677-686.	5.8	33
6	Tensile properties of multifunctional composites embedded with lithium-ion polymer batteries. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 136, 105966.	7.6	33
7	Compression properties of multifunctional composite structures with embedded lithium-ion polymer batteries. <i>Composite Structures</i> , 2020, 237, 111937.	5.8	29
8	Towards antiviral polymer composites to combat COVID-19 transmission. <i>Nano Select</i> , 2021, 2, 2061-2071.	3.7	28
9	Electrical properties of 3D printed continuous carbon fibre composites made using the FDM process. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 151, 106661.	7.6	25
10	Microwave processing of carbon fibre polymer composites: a review. <i>Polymers and Polymer Composites</i> , 2021, 29, 151-162.	1.9	21
11	Impact damage tolerance of energy storage composite structures containing lithium-ion polymer batteries. <i>Composite Structures</i> , 2021, 267, 113845.	5.8	20
12	Experimental and numerical vibration analysis of plates with curvilinear sub-stiffeners. <i>Engineering Structures</i> , 2020, 209, 109956.	5.3	11
13	Importance of fibre sizing on the seawater durability of carbon fibre laminates. <i>Composites Communications</i> , 2020, 19, 11-15.	6.3	11
14	Novel non-destructive technique for detecting the weld fusion zone using a filler wire of high x-ray contrast. <i>NDT and E International</i> , 2021, 124, 102537.	3.7	10
15	Material Selection and Structural Optimization for Lightweight Truck Trailer Design. <i>SAE International Journal of Commercial Vehicles</i> , 0, 12, 281-297.	0.4	9
16	Design, fabrication and testing of sandwich panel decking for use in road freight trailers. <i>Journal of Sandwich Structures and Materials</i> , 2018, 20, 735-758.	3.5	8
17	Novel method of producing in-plane fibre waviness defects in composite test coupons. <i>Composites Communications</i> , 2020, 17, 1-4.	6.3	8
18	Multifunctional sandwich panel design with lithium-ion polymer batteries. <i>Journal of Sandwich Structures and Materials</i> , 2020, , 109963622094655.	3.5	5

#	ARTICLE	IF	CITATIONS
19	Mechanical behaviour of phenolic coated Finnish birch plywood with simulated service damage. Wood Material Science and Engineering, 2017, 12, 307-315.	2.3	2