

# Jeremy F LalibertÃ©

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

818  
citations

623734

14  
h-index

526287

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Secured Multi-Dimensional Robust Optimization Model for Remotely Piloted Aircraft System (RPAS) Delivery Network Based on the SORA Standard. <i>Designs</i> , 2022, 6, 55.	2.4	8
2	Inversion of Magnetic Data Acquired with a Rotary-Wing Unmanned Aircraft System for Gold Exploration. <i>Pure and Applied Geophysics</i> , 2021, 178, 501-516.	1.9	7
3	Magnetic interference mapping of four types of unmanned aircraft systems intended for aeromagnetic surveying. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2021, 10, 101-112.	1.6	16
4	An experimental study on the mechanical behaviour of bonded and hybrid bonded-bolted composite joints using digital image correlation (DIC) technique. <i>Composite Structures</i> , 2021, 276, 114544.	5.8	19
5	Morphing Winglet Design for Aerodynamic Performance Optimization of the CRJ-700 Aircraft. Part 1 "Structural Design. <i>INCAS Bulletin</i> , 2021, 13, 113-128.	0.6	3
6	Structural Design and Control of a Morphing Winglet to optimize the Aerodynamic Performance of the CRJ-700 Aircraft. Part 2 "Control. <i>INCAS Bulletin</i> , 2021, 13, 129-137.	0.6	1
7	Significant Fatigue Life Enhancement in Multiscale Doubly-Modified Fiber/Epoxy Nanocomposites with Graphene Nanoplatelets and Reduced-Graphene Oxide. <i>Polymers</i> , 2020, 12, 2135.	4.5	9
8	An Investigation of the Failure Mechanisms of a Polymer Matrix Composite Crew Oar. <i>Journal of Failure Analysis and Prevention</i> , 2019, 19, 716-729.	0.9	2
9	Real-time compensation of magnetic data acquired by a single-rotor unmanned aircraft system. <i>Geophysical Prospecting</i> , 2019, 67, 1637-1651.	1.9	30
10	Effect of wire and arc additive manufacturing (WAAM) process parameters on bead geometry and microstructure. <i>Additive Manufacturing</i> , 2019, 26, 138-146.	3.0	147
11	Thermal properties of doubly reinforced fiberglass/epoxy composites with graphene nanoplatelets, graphene oxide and reduced-graphene oxide. <i>Composites Part B: Engineering</i> , 2019, 164, 1-9.	12.0	119
12	Simultaneous reinforcement of matrix and fibers for enhancement of mechanical properties of graphene-modified laminated composites. <i>Polymer Composites</i> , 2019, 40, E1732-E1745.	4.6	26
13	Magnetic interference testing method for an electric fixed-wing unmanned aircraft system (UAS). <i>Journal of Unmanned Vehicle Systems</i> , 2018, 6, 177-194.	1.2	16
14	Investigation of bolted/bonded composite joint behaviour using design of experiments. <i>Composite Structures</i> , 2017, 170, 192-201.	5.8	69
15	Design and manufacture of propellers for small unmanned aerial vehicles. <i>Journal of Unmanned Vehicle Systems</i> , 2016, 4, 228-245.	1.2	5
16	Historical development of geometrical modelling of textiles reinforcements for polymer composites: A review. <i>Journal of Industrial Textiles</i> , 2016, 45, 556-584.	2.4	14
17	Quantitative analysis of fatigue cracks in laminated carbon fibre-reinforced polymer composites using micro-computed tomography. <i>Journal of Composite Materials</i> , 2016, 50, 2523-2540.	2.4	5
18	In-Situ Characterization of Isotropic and Transversely Isotropic Elastic Properties Using Ultrasonic Wave Velocities. <i>Materials Performance and Characterization</i> , 2016, 5, MPC20150021.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Effects of composite lamina properties on fundamental Lamb wave mode dispersion characteristics. <i>Composite Structures</i> , 2015, 124, 236-252.	5.8	31
20	In situ measurement of vacuum consolidation of commingled thermoplastic composites using a non-contact displacement sensor. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 2046-2063.	3.1	2
21	Derivation and experimental validation of Lamb wave equations for an n-layered anisotropic composite laminate. <i>Composite Structures</i> , 2014, 111, 566-579.	5.8	49
22	Design and Manufacturing of Biologically Inspired Micro Aerial Vehicle Wings Using Rapid Prototyping. <i>International Journal of Micro Air Vehicles</i> , 2013, 5, 15-38.	1.3	8
23	Mode I Fracture Toughness of Aerospace Polymer Composites Exposed to Fresh and Salt Water. <i>Chemical and Materials Engineering</i> , 2013, 1, 8-17.	0.7	3
24	GeoSurv II Unmanned Aerial Vehicle: A major undergraduate project with. <i>Proceedings of the Canadian Engineering Education Association (CEEA)</i> , 2011, , .	0.2	1
25	Designing and building an unmanned aircraft system for aeromagnetic surveying. , 2010, , .		13
26	A higher-order theory for crack growth in fiber-metal laminates under generalized plane-stress conditions. <i>Journal of Mechanics of Materials and Structures</i> , 2006, 1, 431-445.	0.6	0
27	Impact Damage in Fiber Metal Laminates, Part 1: Experiment. <i>AIAA Journal</i> , 2005, 43, 2445-2453.	2.6	48
28	Post-impact fatigue damage growth in fiber?metal laminates. <i>International Journal of Fatigue</i> , 2002, 24, 249-256.	5.7	56
29	Applications of fiber-metal laminates. <i>Polymer Composites</i> , 2000, 21, 558-567.	4.6	69
30	Nondestructive evaluation methods for damage assessment in fiber-metal laminates. <i>Polymer Composites</i> , 2000, 21, 568-575.	4.6	17
31	<title>Strain monitoring and fatigue life of Bragg grating fiber optic sensors</title>. , 1999, 3670, 82.		9
32	UAV PHOTGRAMMETRIC WORKFLOWS: A BEST PRACTICE GUIDELINE. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , 0, XLII-2/W5, 237-244.	0.2	14
33	Comparison Between Ground, Helicopter, and Unmanned Aircraft System Magnetic Datasets: A Case Study from the Abitibi Greenstone Belt, Canada. <i>Pure and Applied Geophysics</i> , 0, , 1.	1.9	2