

Olivier Montagnier

List of Publications by Year in descending order

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papers

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docs citations

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155
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of hourglass-shaped specimens for the analysis of compression behaviour in fibre direction of FRP composites using compression and four-point bending tests. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 144, 106332.	7.6	4
2	Tightly coupled aeroelastic model implementation dedicated to fast aeroelastic tailoring optimisation of high aspect ratio composite wing. <i>Journal of Fluids and Structures</i> , 2020, 94, 102930.	3.4	6
3	Numerical study of two-airfoil arrangements by a discrete vortex method. <i>Theoretical and Computational Fluid Dynamics</i> , 2020, 34, 79-103.	2.2	14
4	A modified discrete-vortex method algorithm with shedding criterion for aerodynamic coefficients prediction at high angle of attack. <i>Applied Mathematical Modelling</i> , 2019, 69, 32-46.	4.2	5
5	Real-Time Detection of an Aircraft Deep Stall and Recovery Procedure. <i>Journal of Guidance, Control, and Dynamics</i> , 2019, 42, 1185-1194.	2.8	1
6	Maîtriser la conception des drones solaires à voilure souple : vers l'avancement des pseudo-satellites à hautes altitudes (HAPS). <i>Technologie Et Innovation</i> , 2018, 3, .	0.1	0
7	Effect of matrix damage on compressive strength in the fiber direction for laminated composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 94, 86-92.	7.6	22
8	Aerodynamic features of a two-airfoil arrangement. <i>Experiments in Fluids</i> , 2017, 58, 1.	2.4	12
9	Nonlinear analysis and control of an aircraft in the neighbourhood of deep stall. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	0
10	Design of a composite tube to analyze the compressive behavior of CFRP. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 87, 115-122.	7.6	10
11	Influence de l'alignement des fibres sur la rupture des composites en compression sens fibre. <i>Materiaux Et Techniques</i> , 2016, 104, 404.	0.9	1
12	Dynamics of a supercritical composite shaft mounted on viscoelastic supports. <i>Journal of Sound and Vibration</i> , 2014, 333, 470-484.	3.9	29
13	Dynamic Instability Analysis of Internally Damped Rotors. , 2007, , 727.		5
14	Dynamic instability of supercritical driveshafts mounted on dissipative supports – Effects of viscous and hysteretic internal damping. <i>Journal of Sound and Vibration</i> , 2007, 305, 378-400.	3.9	41
15	Design and computation of laminated composite structures. <i>Composites Science and Technology</i> , 2005, 65, 467-474.	7.8	11
16	Compression Characterization of High-modulus Carbon Fibers. <i>Journal of Composite Materials</i> , 2005, 39, 35-49.	2.4	21