

Olivier Montagnier

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

183
citations

1163117

8
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

155
citing authors

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