

Antônio J M Ferreira

List of Publications by Year in descending order

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42
papers

1,323
citations

430442

18
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377514

34
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47
all docs

47
docs citations

47
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	On the large-amplitude vibration of rotating pre-twisted graphene nanocomposite blades in a thermal environment. <i>Composite Structures</i> , 2022, 282, 115129.	3.1	46
2	Nonlinear supersonic post-flutter response of two-bay composite laminate curved panels. <i>Composite Structures</i> , 2022, 286, 115128.	3.1	5
3	A finite element unified formulation for composite laminates in bending considering progressive damage. <i>Thin-Walled Structures</i> , 2022, 172, 108864.	2.7	14
4	Nonlinear Flutter Suppression of Composite Panels with Nonlinear Energy Sinks. , 2022, , 61-71.		0
5	A new C1 4-node flat laminated shell element based on a generalized plate formulation. <i>Thin-Walled Structures</i> , 2021, 163, 107648.	2.7	2
6	Development of a finite element via Unified Formulation: Implementation as a User Element subroutine to predict stress profiles in composite plates. <i>Thin-Walled Structures</i> , 2020, 157, 107107.	2.7	10
7	Multiscale analysis for predicting the constitutive tensor effective coefficients of layered composites with micro and macro failures. <i>Applied Mathematical Modelling</i> , 2019, 75, 250-266.	2.2	20
8	On the effects of structural coupling on the supersonic flutter and limit cycle oscillations of transversely reinforced panels. <i>Journal of Fluids and Structures</i> , 2018, 79, 158-170.	1.5	19
9	A radial point interpolation meshless method extended with an elastic rate-independent continuum damage model for concrete materials. <i>Mechanics of Advanced Materials and Structures</i> , 2018, 25, 855-867.	1.5	8
10	Panel flutter suppression with nonlinear energy sinks: Numerical modeling and analysis. <i>International Journal of Non-Linear Mechanics</i> , 2018, 106, 108-114.	1.4	39
11	Experimental and numerical dynamic analysis of laminate plates via Carrera Unified Formulation. <i>Composite Structures</i> , 2018, 202, 1176-1185.	3.1	11
12	On the Convergence of Laminated Composite Plates of Arbitrary Shape through Finite Element Models. <i>Journal of Composites Science</i> , 2018, 2, 16.	1.4	11
13	Finite element analysis of fluttering plates reinforced by flexible beams: An energy-based approach. <i>Journal of Sound and Vibration</i> , 2018, 435, 135-148.	2.1	19
14	A new finite element for thick laminates and sandwich structures using a generalized and unified plate theory. <i>International Journal for Numerical Methods in Engineering</i> , 2017, 109, 290-304.	1.5	10
15	A meshless approach to non-local damage modelling of concrete. <i>Engineering Analysis With Boundary Elements</i> , 2017, 79, 62-74.	2.0	11
16	Stability and accuracy of three Fourier expansion-based strong form finite elements for the free vibration analysis of laminated composite plates. <i>International Journal for Numerical Methods in Engineering</i> , 2017, 111, 354-382.	1.5	67
17	Influence of Winkler-Pasternak Foundation on the Vibrational Behavior of Plates and Shells Reinforced by Agglomerated Carbon Nanotubes. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1228.	1.3	69
18	MLSDQ based on RBFs for the free vibrations of laminated composite doubly-curved shells. <i>Composites Part B: Engineering</i> , 2016, 99, 30-47.	5.9	74

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19	Through-the-thickness stress profiles in laminated composite and sandwich structure plates via unified formulation. <i>Composites Part B: Engineering</i> , 2016, 107, 29-42.	5.9	16
20	Extending a radial point interpolation meshless method to non-local constitutive damage models. <i>Theoretical and Applied Fracture Mechanics</i> , 2016, 85, 84-98.	2.1	18
21	A review on plate and shell theories for laminated and sandwich structures highlighting the Finite Element Method. <i>Composite Structures</i> , 2016, 156, 63-77.	3.1	152
22	The Axisymmetric Analysis of Circular Plates Using the Radial Point Interpolation Method. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2015, 16, 336-353.	1.4	19
23	Radial basis functions based on differential quadrature method for the free vibration analysis of laminated composite arbitrarily shaped plates. <i>Composites Part B: Engineering</i> , 2015, 78, 65-78.	5.9	74
24	ANALYSIS OF EARDRUM PATHOLOGIES USING THE FINITE ELEMENT METHOD. <i>Journal of Mechanics in Medicine and Biology</i> , 2014, 14, 1450034.	0.3	11
25	Analysis of three-layer composite plates with a new higher-order layerwise formulation. <i>Science and Engineering of Composite Materials</i> , 2014, 21, 401-404.	0.6	0
26	Luffa fibers and gamma radiation as improvement tools of polymer concrete. <i>Construction and Building Materials</i> , 2013, 47, 86-91.	3.2	18
27	The influence of muscles activation on the dynamical behaviour of the tympano-ossicular system of the middle ear. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2013, 16, 392-402.	0.9	20
28	Biomechanical Properties of Vaginal Tissue in Women with Pelvic Organ Prolapse. <i>Gynecologic and Obstetric Investigation</i> , 2013, 75, 85-92.	0.7	44
29	Buckling behaviour of cross-ply laminated plates by a higher-order shear deformation theory. <i>Science and Engineering of Composite Materials</i> , 2012, 19, 119-125.	0.6	8
30	Analysis of Laminated Plates by Trigonometric Theory, Radial Basis, and Unified Formulation. <i>AIAA Journal</i> , 2011, 49, 1559-1562.	1.5	1
31	Uniaxial mechanical behavior of the human female bladder. <i>International Urogynecology Journal</i> , 2011, 22, 991-995.	0.7	52
32	A review of meshless methods for laminated and functionally graded plates and shells. <i>Composite Structures</i> , 2011, 93, 2031-2041.	3.1	340
33	Fifteenth International Conference on Composite Structures (ICCS/15), University of Porto, Porto, Portugal. <i>Composite Structures</i> , 2010, 92, 1993.	3.1	0
34	Dynamic Analysis of Functionally Graded Plates and Shells by Radial Basis Functions. <i>Mechanics of Advanced Materials and Structures</i> , 2010, 17, 636-652.	1.5	30
35	Fifteenth International Conference on Composite Structures (ICCS/15), University of Porto, Porto, Portugal. <i>Mechanics of Advanced Materials and Structures</i> , 2010, 17, 303-303.	1.5	0
36	Evaluation of pelvic floor muscle cross-sectional area using a 3D computer model based on MRI in women with and without prolapse. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2010, 153, 110-111.	0.5	6

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37	Failure Modes and Influence of the Quasi-static Deformation Rate on the Mechanical Behavior of Sandwich Panels with Aluminum Foam Cores. <i>Mechanics of Advanced Materials and Structures</i> , 2010, 17, 335-342.	1.5	32
38	Reinforced polymer concrete: Physical properties of the matrix and static/dynamic bond behaviour. <i>Cement and Concrete Composites</i> , 2005, 27, 934-944.	4.6	25
39	Mechanical Behaviour Analysis of Polymer Mortars Reinforced with Jute and Piassava Natural Fibres under Alkaline Environments. <i>Materials Science Forum</i> , 0, 636-637, 239-244.	0.3	3
40	Behaviour of Cement and Polymer Mortar Materials to Rapid Freeze-Thaw Cycling. <i>Materials Science Forum</i> , 0, 636-637, 1329-1335.	0.3	11
41	Polymer Composite Materials Modified with Nano-Oxides and Phosphinates Hybrid Flame Retardant Systems. <i>Key Engineering Materials</i> , 0, 634, 527-536.	0.4	1
42	3D active dynamic actuation model for offshore cranes. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 0, , .	6.3	7