Valerio G Belardi

List of Publications by Year
in descending order

17 papers	347 citations	687220 13 h-index	996849 15 g-index
17 all docs	17 docs citations	17 times ranked	155 citing authors

#	Article	IF	Citations
1	Composite-to-metal multi-bolt joints: a simplified FE analysis method. IOP Conference Series: Materials Science and Engineering, 2022, 1214, 012021.	0.3	0
2	A semi-analytical method for the calculation of double-ellipsoidal heat source parameters in welding simulation. IOP Conference Series: Materials Science and Engineering, 2022, 1214, 012023.	0.3	1
3	Ritz method analysis of rectilinear orthotropic composite circular plates undergoing in-plane bending and torsional moments. Mechanics of Advanced Materials and Structures, 2021, 28, 963-979.	1.5	19
4	On the radial bending of shear-deformable composite circular plates with rectilinear orthotropy. European Journal of Mechanics, A/Solids, 2021, 86, 104157.	2.1	17
5	Theoretical definition of a new custom finite element for structural modeling of composite bolted joints. Composite Structures, 2021, 258, 113199.	3.1	27
6	A novel modeling approach for multi-passes butt-welded plates. Journal of Thermal Stresses, 2021, 44, 829-849.	1.1	13
7	Multiscale analysis and mechanical characterization of open-cell foams by simplified FE modeling. European Journal of Mechanics, A/Solids, 2021, 89, 104291.	2.1	15
8	Analysis of multi-bolt composite joints with a user-defined finite element for the evaluation of load distribution and secondary bending. Composites Part B: Engineering, 2021, 227, 109378.	5.9	39
9	First-order shear deformation analysis of rectilinear orthotropic composite circular plates undergoing transversal loads. Composites Part B: Engineering, 2019, 174, 107015.	5.9	18
10	An original FE modelling of a longitudinal multi-passes seam welding. Procedia Structural Integrity, 2019, 24, 852-865.	0.3	1
11	FE analysis of single-bolt composite bolted joint by means of a simplified modeling technique. Procedia Structural Integrity, 2019, 24, 888-897.	0.3	19
12	Structural analysis of transversally loaded quasi-isotropic rectilinear orthotropic composite circular plates with Galerkin method. Procedia Structural Integrity, 2018, 8, 368-378.	0.3	14
13	Bending analysis with Galerkin method of rectilinear orthotropic composite circular plates subject to transversal load. Composites Part B: Engineering, 2018, 140, 250-259.	5.9	25
14	Structural analysis and optimization of anisogrid composite lattice cylindrical shells. Composites Part B: Engineering, 2018, 139, 203-215.	5.9	53
15	A novel composite bolted joint element: application to a single-bolted joint. Procedia Structural Integrity, 2018, 12, 281-295.	0.3	18
16	Design, analysis and optimization of anisogrid composite lattice conical shells. Composites Part B: Engineering, 2018, 150, 184-195.	5.9	45
17	Elastic analysis of rectilinear orthotropic composite circular plates subject to transversal and in-plane load conditions using Ritz method. Composite Structures, 2018, 199, 63-75.	3.1	23