

Valerio G Belardi

List of Publications by Year in descending order

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