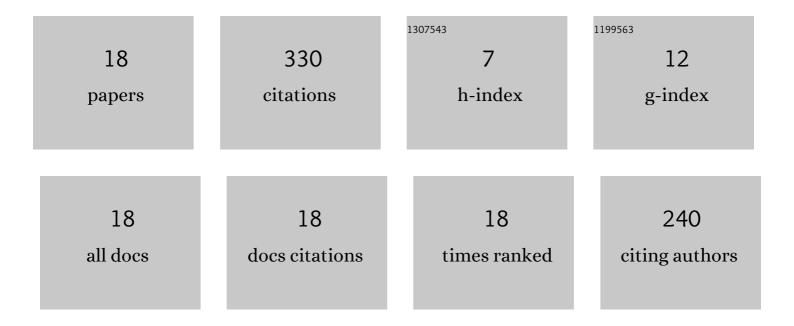
Daniel Pietras

List of Publications by Year in descending order

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NANIEL DIETDAS

#	Article	IF	CITATIONS
1	Deformation analysis of functionally graded beams by the direct approach. Composites Part B: Engineering, 2012, 43, 1315-1328.	12.0	123
2	Mechanical behavior of sandwich composite beams made of foams and functionally graded materials. International Journal of Solids and Structures, 2013, 50, 519-530.	2.7	66
3	Crack propagation in functionally graded strip under thermal shock. European Physical Journal: Special Topics, 2013, 222, 1587-1595.	2.6	51
4	Multilayered and FGM structural elements under mechanical and thermal loads. Part I: Comparison of finite elements and analytical models. Archives of Civil and Mechanical Engineering, 2015, 15, 1180-1192.	3.8	21
5	A numerical model for description of mechanical behaviour of a Functionally Graded Autoclaved Aerated Concrete created on the basis of experimental results for homogenous Autoclaved Aerated Concretes with different porosities. Construction and Building Materials, 2019, 204, 839-848.	7.2	15
6	Influence of geometry, elasticity properties and boundary conditions on the Mode I purity in sandwich composites. Composite Structures, 2019, 223, 110942.	5.8	12
7	Thermoelastic Deformations of Cylindrical Multi-Layered Shells Using a Direct Approach. Journal of Thermal Stresses, 2013, 36, 749-789.	2.0	8
8	A Novel Approach by Spark Plasma Sintering to the Improvement of Mechanical Properties of Titanium Carbonitride-Reinforced Alumina Ceramics. Molecules, 2021, 26, 1344.	3.8	8
9	Determination of effective stiffness properties of multilayered composite beams. Continuum Mechanics and Thermodynamics, 2021, 33, 1781-1803.	2.2	6
10	Description of Degradation Process of Rubberized Lean Concrete. Solid State Phenomena, 2014, 216, 67-72.	0.3	5
11	Estimation of Thermal Stress Intensity Factor in a Strip with Various Property Gradations Subjected to Thermal Shock. Key Engineering Materials, 0, 601, 71-75.	0.4	4
12	Heat Transfer Process in Jet Turbine Blade with Functionally Graded Thermal Barrier Coating. Solid State Phenomena, 0, 254, 170-175.	0.3	4
13	Gradual degradation of a thin-walled aluminum adhesive joint with omega cross section under bending. International Journal of Adhesion and Adhesives, 2019, 89, 72-81.	2.9	4
14	Experimental Study of Single-Lap, Hybrid Joints, Made of 3D Printed Polymer and Aluminium Adherends. Materials, 2021, 14, 7705.	2.9	3
15	The Deformation Process of Thin-Walled Box Beams Joined by Rivets under Three-Point Bending. Solid State Phenomena, 0, 254, 283-289.	0.3	0
16	Description of Brittle Behaviour of Alumina/Zirconia 2 Phase Ceramics. IOP Conference Series: Materials Science and Engineering, 2018, 416, 012059.	0.6	0
17	Impact of Exploitation Flaws on Load Capacity of Tempered Glass Stairs Assessed by Numerical Analysis with XFEM. IOP Conference Series: Materials Science and Engineering, 2018, 416, 012085.	0.6	0
18	Numerical modelling of hydraulically bonded mixture with rubber admixture due to applied mechanical loadings. Budownictwo I Architektura, 2019, 16, 095-102.	0.3	0