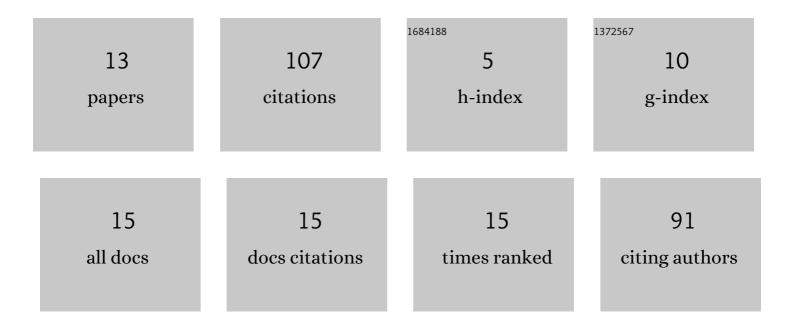
Andrzej Ziolkowski

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	On value and using of TAWS/FMS alert data in examination of air accidents, the case of Warsaw-Smolensk flight on 10 April 2010. Aeronautical Journal, 2018, 122, 1301-1329.	1.6	2
2	On consistent micromechanical estimation of macroscopic elastic energy, coherence energy and phase transformation strains for SMA materials. Continuum Mechanics and Thermodynamics, 2017, 29, 225-249.	2.2	0
3	Disastrous air crash and two investigations with different results. International Journal of Forensic Engineering, 2017, 3, 1.	0.1	0
4	On Conditioning of Resistive Strain Gage Channel Connected in Quarter Bridge Configuration in Measurement of Moderately Large Strains. Experimental Techniques, 2016, 40, 689-704.	1.5	1
5	Experimental validation of RL model assumptions for NiTi alloy. , 2015, , 123-156.		0
6	Simplified analytical model and numerical simulations of finite-disturbance buckling of columns. International Journal of Non-Linear Mechanics, 2013, 51, 121-131.	2.6	6
7	On Analysis of DSC Curves for Characterization of Intrinsic Properties of NiTi Shape Memory Alloys. Acta Physica Polonica A, 2012, 122, 601-605.	0.5	6
8	Buckling and Post-buckling Behaviour of Prismatic Aluminium Columns Submitted to a Series of Compressive Loads. Experimental Mechanics, 2011, 51, 1335-1345.	2.0	11
9	On the incremental plastic work and related aspects of invariance: Part II. Acta Mechanica, 2008, 200, 79.	2.1	5
10	Three-dimensional phenomenological thermodynamic model of pseudoelasticity of shape memory alloys at finite strains. Continuum Mechanics and Thermodynamics, 2007, 19, 379-398.	2.2	42
11	On the incremental plastic work and related aspects of invariance – Part I. Acta Mechanica, 2007, 189, 1-22.	2.1	4
12	Stress induced martensitic transformation kinetics of polycrystalline NiTi shape memory alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 378, 86-91.	5.6	11
13	Thermodynamical model of reversible R-phase transformation in TiNi shape memory alloy. International Journal of Pressure Vessels and Piping, 1994, 58, 51-57.	2.6	19