

# Andrzej Ziolkowski

## List of Publications by Year in descending order

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13  
papers

107  
citations

1684188

5  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

91  
citing authors

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