

Grzegorz Mikulowski

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

224
citations

10
h-index

14
g-index

20
ext. papers

254
ext. citations

3.4
avg, IF

2.99
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 20 | Vibration isolation concept by switchable stiffness on a semi-active pneumatic actuator. <i>Smart Materials and Structures</i> , 2021 , 30, 075019 | 3.4 | 0 |
| 19 | Semi-active vibration control based on switchable transfer of bending moments: study and experimental validation of control performance. <i>Smart Materials and Structures</i> , 2021 , 30, 045005 | 3.4 | 1 |
| 18 | Semi-active modal control of structures with lockable joints: general methodology and applications. <i>Structural Control and Health Monitoring</i> , 2021 , 28, e2710 | 4.5 | 1 |
| 17 | Mitigation of forced vibrations by semi-active control of local transfer of moments. <i>Mechanical Systems and Signal Processing</i> , 2021 , 157, 107733 | 7.8 | 5 |
| 16 | Study on the state-dependent path-tracking for smart pneumatic shock-absorber. <i>Smart Materials and Structures</i> , 2020 , 29, 115008 | 3.4 | 2 |
| 15 | Decentralized semi-active damping of free structural vibrations by means of structural nodes with an on/off ability to transmit moments. <i>Mechanical Systems and Signal Processing</i> , 2018 , 100, 926-939 | 7.8 | 16 |
| 14 | A decentralized strategy of structural reconfiguration in mitigation of vibrations. <i>Procedia Engineering</i> , 2017 , 199, 1683-1688 | | |
| 13 | Vascularization Potential of Electrospun Poly(L-Lactide-co-Caprolactone) Scaffold: The Impact for Tissue Engineering. <i>Medical Science Monitor</i> , 2017 , 23, 1540-1551 | 3.2 | 10 |
| 12 | Adaptive Self-Protection against Shock and Vibration. <i>Advances in Science and Technology</i> , 2016 , 101, 133-142 | 0.1 | 3 |
| 11 | Pneumatic Adaptive Absorber: Mathematical Modelling with Experimental Verification. <i>Mathematical Problems in Engineering</i> , 2016 , 2016, 1-13 | 1.1 | 8 |
| 10 | Failure modes of coatings on steel substrate. <i>Bulletin of the Polish Academy of Sciences: Technical Sciences</i> , 2016 , 64, 249-256 | | 1 |
| 9 | Biocompatibility of electrospun human albumin: a pilot study. <i>Biofabrication</i> , 2015 , 7, 015011 | 10.5 | 15 |
| 8 | Adaptive Impact Absorption – The Concept and Potential Applications. <i>International Journal of Protective Structures</i> , 2015 , 6, 357-377 | 1.5 | 11 |
| 7 | Is the poly (L- lactide- co- caprolactone) nanofibrous membrane suitable for urinary bladder regeneration?. <i>PLoS ONE</i> , 2014 , 9, e105295 | 3.7 | 32 |
| 6 | Tests of polyurethane foams with negative Poisson's ratio. <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 1988-1995 | 1.3 | 35 |
| 5 | Characterization of a piezoelectric valve for an adaptive pneumatic shock absorber. <i>Smart Materials and Structures</i> , 2013 , 22, 125011 | 3.4 | 10 |
| 4 | Adaptive Landing Gear: Optimum Control Strategy and Potential for Improvement. <i>Shock and Vibration</i> , 2009 , 16, 175-194 | 1.1 | 37 |

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|---|--|---------|----|
| 3 | Smart Technologies for Adaptive Impact Absorption. <i>Solid State Phenomena</i> , 2009 , 154, 187-194 | 0.4 | 11 |
| 2 | Adaptive landing gear concept feedback control validation. <i>Smart Materials and Structures</i> , 2007 , 16, 2146-2158 | 3.4 | 26 |
| 1 | Adaptive Impact Absorption | 153-213 | |