

Peter Beda

List of Publications by Year in descending order

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26
papers

69
citations

1937685
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h-index

1588992
8
g-index

27
all docs

27
docs citations

27
times ranked

42
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Dynamic stability of a size-dependent micro-beam. European Journal of Mechanics, A/Solids, 2018, 72, 245-251. | 3.7 | 19 |
| 2 | Dynamical systems, rate and gradient effects in material instability. International Journal of Mechanical Sciences, 2000, 42, 2101-2114. | 6.7 | 15 |
| 3 | On Requirements for Attitude Dynamics and Stability Control for Tethered Satellite Systems.. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2000, 43, 678-683. | 0.3 | 7 |
| 4 | Dynamic stability and bifurcation analysis in fractional thermodynamics. Continuum Mechanics and Thermodynamics, 2018, 30, 1259-1265. | 2.2 | 7 |
| 5 | On saddle-node bifurcation and chaos of satellites. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 4881-4886. | 1.1 | 4 |
| 6 | Modelling and stability analysis of a longitudinal wheel dynamics control loop with feedback delay. Vehicle System Dynamics, 2022, 60, 3765-3787. | 3.7 | 4 |
| 7 | THE ATTITUDE STABILITY OF THE STATIONARY MOTIONS OF A DUMBBELL SATELLITE IN THE CASE OF AIR DRAG. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1995, 05, 1757-1765. | 1.7 | 3 |
| 8 | On Delayed and Anticipatory Systems in Applied Mechanics. , 2010, , . | | 2 |
| 9 | Generic bifurcations in fractional thermo-mechanics with peridyamic effects. ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik, 2019, 99, e201800147. | 1.6 | 2 |
| 10 | Fractional Derivatives and Dynamical Systems in Material Instability. Fractal and Fractional, 2020, 4, 14. | 3.3 | 2 |
| 11 | Modelling of a Specific Bone Replacement Material. Materials Science Forum, 2003, 414-415, 353-358. | 0.3 | 1 |
| 12 | Constitutive Modeling and Material Instability. Key Engineering Materials, 2003, 233-236, 107-112. | 0.4 | 1 |
| 13 | Static analysis and reanalysis of quasi-symmetric structure with symmetry components of the symmetry groups C3v and C1v. Engineering Structures, 2017, 152, 397-412. | 5.3 | 1 |
| 14 | Load imperfections disrupting symmetry in the spatial loss of stability with buckling. Soviet Applied Mechanics, 1991, 27, 823-827. | 0.0 | 0 |
| 15 | Anticipatory computing in the attitude control of satellites. AIP Conference Proceedings, 2001, , . | 0.4 | 0 |
| 16 | On Feedback and Anticipatory Control of Pendular Systems. AIP Conference Proceedings, 2002, , . | 0.4 | 0 |
| 17 | A Treatise on Instability in Inelastic Materials. Key Engineering Materials, 2004, 274-276, 175-180. | 0.4 | 0 |
| 18 | On Anticipatory Computing in Balancing. AIP Conference Proceedings, 2004, , . | 0.4 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Anticipatory Systems near Bifurcation Points. AIP Conference Proceedings, 2006, , . | 0.4 | 0 |
| 20 | On Dynamical Systems at the Portevin-Le Chatelier Effect. Key Engineering Materials, 2007, 340-341, 301-306. | 0.4 | 0 |
| 21 | On the Role of Phenomenology and Dislocations in Modelling of Portevin - Le Chatelier Effect. Materials Science Forum, 0, 729, 138-143. | 0.3 | 0 |
| 22 | On effects of discretization and the selection of constitutive equations on stability of continua. Proceedings in Applied Mathematics and Mechanics, 2014, 14, 369-370. | 0.2 | 0 |
| 23 | Preface: Special Issue on 14th International Conference on "Dynamical Systems" Theory and Applications International Journal of Structural Stability and Dynamics, 2019, 19, 1902002. | 2.4 | 0 |
| 24 | The types of derivatives and bifurcation in fractional mechanics. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 25 | Stability and discretisation in delayed and anticipatory systems of applied mechanics. ANZIAM Journal, 0, 53, 340. | 0.0 | 0 |
| 26 | Dynamic Stability of a Thin Plate Subjected to Bi-Axial Edged Loads. Acta Polytechnica Hungarica, 2014, 15, . | 2.9 | 0 |