

Peter Beda

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

69
citations

1937685

4
h-index

1588992

8
g-index

27
all docs

27
docs citations

27
times ranked

42
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling and stability analysis of a longitudinal wheel dynamics control loop with feedback delay. <i>Vehicle System Dynamics</i> , 2022, 60, 3765-3787.	3.7	4
2	The types of derivatives and bifurcation in fractional mechanics. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
3	Fractional Derivatives and Dynamical Systems in Material Instability. <i>Fractal and Fractional</i> , 2020, 4, 14.	3.3	2
4	Preface: Special Issue on 14th International Conference on "Dynamical Systems" Theory and Applications. <i>International Journal of Structural Stability and Dynamics</i> , 2019, 19, 1902002.	2.4	0
5	Generic bifurcations in fractional thermo-mechanics with peridynamic effects. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2019, 99, e201800147.	1.6	2
6	Dynamic stability and bifurcation analysis in fractional thermodynamics. <i>Continuum Mechanics and Thermodynamics</i> , 2018, 30, 1259-1265.	2.2	7
7	Dynamic stability of a size-dependent micro-beam. <i>European Journal of Mechanics, A/Solids</i> , 2018, 72, 245-251.	3.7	19
8	Static analysis and reanalysis of quasi-symmetric structure with symmetry components of the symmetry groups C _{3v} and C _{1v} . <i>Engineering Structures</i> , 2017, 152, 397-412.	5.3	1
9	On effects of discretization and the selection of constitutive equations on stability of continua. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2014, 14, 369-370.	0.2	0
10	Dynamic Stability of a Thin Plate Subjected to Bi-Axial Edged Loads. <i>Acta Polytechnica Hungarica</i> , 2014, 15, .	2.9	0
11	On Delayed and Anticipatory Systems in Applied Mechanics. , 2010, , .		2
12	On Dynamical Systems at the Portevin-Le Chatelier Effect. <i>Key Engineering Materials</i> , 2007, 340-341, 301-306.	0.4	0
13	Anticipatory Systems near Bifurcation Points. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
14	A Treatise on Instability in Inelastic Materials. <i>Key Engineering Materials</i> , 2004, 274-276, 175-180.	0.4	0
15	On Anticipatory Computing in Balancing. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	0
16	Modelling of a Specific Bone Replacement Material. <i>Materials Science Forum</i> , 2003, 414-415, 353-358.	0.3	1
17	Constitutive Modeling and Material Instability. <i>Key Engineering Materials</i> , 2003, 233-236, 107-112.	0.4	1
18	On Feedback and Anticipatory Control of Pendular Systems. <i>AIP Conference Proceedings</i> , 2002, , .	0.4	0

#	ARTICLE	IF	CITATIONS
19	Anticipatory computing in the attitude control of satellites. AIP Conference Proceedings, 2001, , .	0.4	0
20	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
21	Dynamical systems, rate and gradient effects in material instability. International Journal of Mechanical Sciences, 2000, 42, 2101-2114.	6.7	15
22	On saddle-node bifurcation and chaos of satellites. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 4881-4886.	1.1	4
23	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
24	Load imperfections disrupting symmetry in the spatial loss of stability with buckling. Soviet Applied Mechanics, 1991, 27, 823-827.	0.0	0
25	On the Role of Phenomenology and Dislocations in Modelling of Portevin - Le Chatelier Effect. Materials Science Forum, 0, 729, 138-143.	0.3	0
26	Stability and discretisation in delayed and anticipatory systems of applied mechanics. ANZIAM Journal, 0, 53, 340.	0.0	0