

Stanisław Kukla

List of Publications by Year in descending order

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docs citations

32
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	On Solutions of the Initial Value Problem for the Three-Term Fractional Differential Equation with Caputo Derivatives. <i>Symmetry</i> , 2020, 12, 1355.	2.2	1
2	A numerical-analytical solution of multi-term fractional-order differential equations. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 4883.	2.3	4
3	Time-fractional heat conduction in a finite composite cylinder with heat source. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2020, 19, 85-94.	0.7	4
4	A Fractional Single-Phase-Lag Model of Heat Conduction for Describing Propagation of the Maximum Temperature in a Finite Medium. <i>Entropy</i> , 2018, 20, 876.	2.2	6
5	Heat conduction in a composite sphere - the effect of fractional derivative order on temperature distribution. <i>MATEC Web of Conferences</i> , 2018, 157, 08008.	0.2	0
6	Vibration analysis of composite circular and annular membranes. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2016, 15, 149-159.	0.7	4
7	Fractional heat conduction in multilayer spherical bodies. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2016, 15, 83-92.	0.7	4
8	A solution to the problem of time-fractional heat conduction in a multi-layer slab. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2015, 14, 95-102.	0.7	3
9	Laplace transform solution of the problem of time-fractional heat conduction in a two-layered slab. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2015, 14, 105-113.	0.7	10
10	Frequency analysis of a double-nanobeam-system. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2014, 13, 23-31.	0.7	7
11	Free vibration of axially functionally graded Euler-Bernoulli beams. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2014, 13, 39-44.	0.7	5
12	Free vibration to a system of cantilever nanobeams. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2014, 13, 29-36.	0.7	2
13	Power series solution of first order matrix differential equations. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2014, 13, 123-128.	0.7	7
14	Green's function for heat conduction problems in a multi-layered hollow cylinder. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2014, 13, 115-122.	0.7	1
15	Frequency analysis of a double-walled nanotubes system. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2014, 13, 27-34.	0.7	0
16	Free vibration analysis of functionally graded beams. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2013, 12, 39-44.	0.7	12
17	Heat conduction in a two-layered hollow cylinder by using the Green's function method. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2013, 12, 45-50.	0.7	8
18	Application of a Green's function method to heat conduction problems in multi-layered cylinders. <i>Journal of Applied Mathematics and Computational Mechanics</i> , 2013, 12, 105-113.	0.7	1

#	ARTICLE	IF	CITATIONS
19	Free longitudinal vibrations of the nanorods system. Journal of Applied Mathematics and Computational Mechanics, 2013, 12, 15-22.	0.7	1
20	Free vibrations and stability of stepped columns with cracks. Journal of Sound and Vibration, 2009, 319, 1301-1311.	3.9	26
21	Frequency analysis of annular plates with elastic concentric supports by Green's function method. Journal of Sound and Vibration, 2007, 300, 387-393.	3.9	11
22	Frequency analysis of axially loaded stepped beams by Green's function method. Journal of Sound and Vibration, 2007, 300, 1034-1041.	3.9	42
23	APPLICATION OF GREEN FUNCTIONS IN FREQUENCY ANALYSIS OF TIMOSHENKO BEAMS WITH OSCILLATORS. Journal of Sound and Vibration, 1997, 205, 355-363.	3.9	34
24	Longitudinal vibration of rods coupled by translational springs. Journal of Sound and Vibration, 1995, 185, 717-722.	3.9	16
25	Free Vibration of the System of Two Beams Connected By Many Translational Springs. Journal of Sound and Vibration, 1994, 172, 130-135.	3.9	33
26	Free Vibrations of Axially Loaded Beams With Concentrated Masses and Intermediate Elastic Supports. Journal of Sound and Vibration, 1994, 172, 449-458.	3.9	21
27	Free Vibrations Of Beams With Elastically Mounted Masses. Journal of Sound and Vibration, 1994, 175, 557-564.	3.9	50
28	Free vibration of a beam supported on a stepped elastic foundation. Journal of Sound and Vibration, 1991, 149, 259-265.	3.9	21
29	Free vibrations of a certain geometrically nonlinear system with initial imperfection. AIAA Journal, 1990, 28, 1240-1245.	2.6	7
30	Dynamical response of bar-fluid-shell system simulating hydraulic cylinder subjected to arbitrary axial excitation. Journal of Sound and Vibration, 1984, 92, 273-284.	3.9	7
31	An approach for free vibration analysis of axially graded beams. Journal of Theoretical and Applied Mechanics, 0, , 859.	0.5	5
32	Fractional heat conduction in a sphere under mathematical and physical Robin conditions. Journal of Theoretical and Applied Mechanics, 0, , 339.	0.5	9