StanisÅ‚aw Kukla

List of Publications by Year
in descending order

32 papers	362 citations	1040056 9 h-index	839539 18 g-index
32 all docs	32 docs citations	32 times ranked	216 citing authors

#	Article	IF	Citations
1	Free Vibrations Of Beams With Elastically Mounted Masses. Journal of Sound and Vibration, 1994, 175, 557-564.	3.9	50
2	Frequency analysis of axially loaded stepped beams by Green's function method. Journal of Sound and Vibration, 2007, 300, 1034-1041.	3.9	42
3	APPLICATION OF GREEN FUNCTIONS IN FREQUENCY ANALYSIS OF TIMOSHENKO BEAMS WITH OSCILLATORS. Journal of Sound and Vibration, 1997, 205, 355-363.	3.9	34
4	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
5	Free vibrations and stability of stepped columns with cracks. Journal of Sound and Vibration, 2009, 319, 1301-1311.	3.9	26
6	Free vibration of a beam supported on a stepped elastic foundation. Journal of Sound and Vibration, 1991, 149, 259-265.	3.9	21
7	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
8	Longitudinal vibration of rods coupled by translational springs. Journal of Sound and Vibration, 1995, 185, 717-722.	3.9	16
9	Free vibration analysis of functionally graded beams. Journal of Applied Mathematics and Computational Mechanics, 2013, 12, 39-44.	0.7	12
10	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
11	Laplace transform solution of the problem of time-fractional heat conduction in a two-layered slab. Journal of Applied Mathematics and Computational Mechanics, 2015, 14, 105-113.	0.7	10
12	Fractional heat conduction in a sphere under mathematical and physical Robin conditions. Journal of Theoretical and Applied Mechanics, 0, , 339.	0.5	9
13	Heat conduction in a two-layered hollow cylinder by using the GreenÂ''s function method. Journal of Applied Mathematics and Computational Mechanics, 2013, 12, 45-50.	0.7	8
14	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
15	Free vibrations of a certain geometrically nonlinear system with initial imperfection. AIAA Journal, 1990, 28, 1240-1245.	2.6	7
16	Frequency analysis of a double-nanobeam-system. Journal of Applied Mathematics and Computational Mechanics, 2014, 13, 23-31.	0.7	7
17	Power series solution of first order matrix differential equations. Journal of Applied Mathematics and Computational Mechanics, 2014, 13, 123-128.	0.7	7
18	A Fractional Single-Phase-Lag Model of Heat Conduction for Describing Propagation of the Maximum Temperature in a Finite Medium. Entropy, 2018, 20, 876.	2.2	6

#	ARTICLE	IF	CITATIONS
19	An approach for free vibration analysis of axially graded beams. Journal of Theoretical and Applied Mechanics, 0, , 859.	0.5	5
20	Free vibration of axially functionally graded Euler-Bernoulli beams. Journal of Applied Mathematics and Computational Mechanics, 2014, 13, 39-44.	0.7	5
21	A numericalâ€analytical solution of multiâ€term fractionalâ€order differential equations. Mathematical Methods in the Applied Sciences, 2020, 43, 4883.	2.3	4
22	Vibration analysis of composite circular and annular membranes. Journal of Applied Mathematics and Computational Mechanics, 2016, 15, 149-159.	0.7	4
23	Fractional heat conduction in multilayer spherical bodies. Journal of Applied Mathematics and Computational Mechanics, 2016, 15, 83-92.	0.7	4
24	Time-fractional heat conduction in a finite composite cylinder with heat source. Journal of Applied Mathematics and Computational Mechanics, 2020, 19, 85-94.	0.7	4
25	A solution to the problem of time-fractional heat conduction in a multi-layer slab. Journal of Applied Mathematics and Computational Mechanics, 2015, 14, 95-102.	0.7	3
26	Free vibration to a system of cantilever nanobeams. Journal of Applied Mathematics and Computational Mechanics, 2014, 13, 29-36.	0.7	2
27	On Solutions of the Initial Value Problem for the Three-Term Fractional Differential Equation with Caputo Derivatives. Symmetry, 2020, 12, 1355.	2.2	1
28	Application of a Green's function method to heat conduction problems in multi-layered cylinders. Journal of Applied Mathematics and Computational Mechanics, 2013, 12, 105-113.	0.7	1
29	Free longitudinal vibrations of the nanorods system. Journal of Applied Mathematics and Computational Mechanics, 2013, 12, 15-22.	0.7	1
30	Green's function for heat conduction problems in a multi-layered hollow cylinder. Journal of Applied Mathematics and Computational Mechanics, 2014, 13, 115-122.	0.7	1
31	Heat conduction in a composite sphere - the effect of fractional derivative order on temperature distribution. MATEC Web of Conferences, 2018, 157, 08008.	0.2	0
32	Frequency analysis of a double-walled nanotubes system. Journal of Applied Mathematics and Computational Mechanics, 2014, 13, 27-34.	0.7	0