Hakan Ersoy

List of Publications by Year
in descending order

23 papers	540 citations	1040056	713466
		9 h-index	21 g-index

24 all docs	24 docs citations	24 times ranked	287 citing authors

#	Article	IF	Citations
1	A new eigenvalue problem solver for thermo–mechanical vibration of Timoshenko nanobeams by an innovative nonlocal finite element method. Mathematical Methods in the Applied Sciences, 2022, 45, 2592-2614.	2.3	101
2	Utilizing Piezo Acoustic Sensors for the Identification of Surface Roughness and Textures. Sensors, 2022, 22, 4381.	3.8	4
3	Performance Identification of a Steam Boiler Burner via Acoustic Analysis. Processes, 2022, 10, 1223.	2.8	0
4	Dynamic Analysis of a Fiber-Reinforced Composite Beam under a Moving Load by the Ritz Method. Mathematics, 2021, 9, 1048.	2.2	72
5	Strength-Based Design Analysis of a Damaged Engine Mounting Bracket Designed for a Commercial Electric Vehicle. Journal of Failure Analysis and Prevention, 2021, 21, 1315-1322.	0.9	2
6	Solution of Moore–Gibson–Thompson Equation of an Unbounded Medium with a Cylindrical Hole. Mathematics, 2021, 9, 1536.	2.2	69
7	Frequencies of FGM shells and annular plates by the methods of discrete singular convolution and differential quadrature methods. Composite Structures, 2018, 183, 7-20.	5.8	93
8	Small size and rotary inertia effects on the natural frequencies of carbon nanotubes. Curved and Layered Structures, 2018, 5, 273-279.	1.3	7
9	Free vibration analysis of annular sector plates via conical shell equations. Curved and Layered Structures, 2017, 4, 146-157.	1.3	12
10	Vibration analysis of graphene sheets using membrane model. Pamukkale University Journal of Engineering Sciences, 2017, 23, 652-658.	0.4	2
11	An Experimental Study on the Improvement of Savonius Turbine Performance Using Flexible Sails. International Journal of Green Energy, 2014, 11, 796-807.	3.8	7
12	Static analysis of laminated conical shells by Discrete Singular Convolution (DSC) approach. KSCE Journal of Civil Engineering, 2014, 18, 1455-1463.	1.9	2
13	Optimum laminate design by using singular value decomposition. Composites Part B: Engineering, 2013, 52, 144-154.	12.0	5
14	Free vibration and bending analysis of circular Mindlin plates using singular convolution method. Communications in Numerical Methods in Engineering, 2009, 25, 907-922.	1.3	17
15	Free vibration analysis of symmetric laminated skew plates by discrete singular convolution technique based on first–order shear deformation theory. International Journal for Numerical Methods in Engineering, 2009, 79, 290-313.	2.8	83
16	Analysis of shear deformable laminated composite trapezoidal plates. Materials & Design, 2009, 30, 3030-3035.	5.1	18
17	Discrete singular convolution method for buckling analysis of rectangular Mindlin plates. IES Journal Part A: Civil and Structural Engineering, 2009, 2, 143-152.	0.4	3
18	Free vibration of circular and annular membranes with varying density by the method of discrete singular convolution. Structural Engineering and Mechanics, 2009, 32, 621-634.	1.0	8

#	Article	IF	Citations
19	Differential quadrature method for frequency analysis of membranes having irregular domains using an eight-node curvilinear element. Smart Structures and Systems, 2009, 5, 587-590.	1.9	2
20	Frequency analysis of moderately thick uniform isotropic annular plates by discrete singular convolution method. Structural Engineering and Mechanics, 2008, 29, 411-422.	1.0	4
21	Vibration analysis of new Galata Bridge—experimental and numerical results. Computers and Structures, 2006, 84, 283-292.	4.4	7
22	Design sensitivity analysis of structures based upon the singular value decomposition. Computer Methods in Applied Mechanics and Engineering, 2002, 191, 3459-3476.	6.6	15
23	A new heat conduction model for viscoelastic micro beams considering the magnetic field and thermal effects. Waves in Random and Complex Media, 0, , 1-30.	2.7	2