

Kwang Hun Kim

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A meshfree method for free vibration analysis of ply drop-off laminated rectangular plates. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 5443-5459.	2.6	1
2	A solution method for free vibration analysis of coupled laminated composite elliptical-cylindrical-elliptical shell with elastic boundary conditions. <i>Journal of Ocean Engineering and Science</i> , 2022, 7, 112-130.	4.3	14
3	Free Vibration Analysis of Laminated Composite Spherical Shell with Variable Thickness and Different Boundary Conditions. <i>Journal of Vibration Engineering and Technologies</i> , 2022, 10, 689-714.	2.2	12
4	A new meshfree approach for three-dimensional free vibration analysis of thick laminated doubly-shell of revolution. <i>Engineering Analysis With Boundary Elements</i> , 2022, 134, 199-218.	3.7	10
5	Free vibration analysis of laminated elliptic cylindrical panel with varying thickness using a meshfree method. <i>European Physical Journal Plus</i> , 2022, 137, 1.	2.6	5
6	Free vibration analysis of a multi-stepped functionally graded curved beam with general boundary conditions. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 5916-5939.	2.1	4
7	Free vibration analysis of combined composite laminated conical-cylindrical shells with varying thickness using the Haar wavelet method. <i>Acta Mechanica</i> , 2022, 233, 1567-1597.	2.1	4
8	A meshfree approach for free vibration analysis of laminated sectorial and rectangular plates with varying fiber angle. <i>Thin-Walled Structures</i> , 2022, 174, 109070.	5.3	12
9	Free Vibration Analysis of Laminated Composite Shells with Varying Thickness Using Haar Wavelet Discretization Method. <i>Journal of Vibration Engineering and Technologies</i> , 2022, 10, 2715-2750.	2.2	1
10	Free vibration analysis of laminated rectangular plates with varying thickness using Legendre-radial point interpolation method. <i>Computers and Mathematics With Applications</i> , 2022, 117, 187-205.	2.7	10
11	An improved nonlinear constitutive model for the magneto-elastic coupling behavior of ferromagnetic materials. <i>Journal of Applied Physics</i> , 2022, 131, 245106.	2.5	1
12	A semi-analytical method for forced vibration analysis of cracked laminated composite beam with general boundary condition. <i>Journal of Ocean Engineering and Science</i> , 2021, 6, 40-53.	4.3	5
13	A unified solution method for free vibration analysis of functionally graded rotating type plates with elastic boundary condition. <i>Journal of Ocean Engineering and Science</i> , 2021, 6, 109-127.	4.3	6
14	Application of Haar wavelet method for free vibration of laminated composite conical-cylindrical coupled shells with elastic boundary condition. <i>Physica Scripta</i> , 2021, 96, 035223.	2.5	20
15	Free vibration analysis of elastically connected composite laminated double-plate system with arbitrary boundary conditions by using meshfree method. <i>AIP Advances</i> , 2021, 11, .	1.3	17
16	Dynamic analysis of coupled composite laminated shells with elastic boundary condition using a domain decomposition method. <i>Engineering Research Express</i> , 2021, 3, 025011.	1.6	2
17	Free vibration analysis of inversely coupled composite laminated shell structures with general boundary condition. <i>AIP Advances</i> , 2021, 11, 045309.	1.3	2
18	A meshfree moving least squares-Tchebychev shape function approach for free vibration analysis of laminated composite arbitrary quadrilateral plates with hole. <i>Physica Scripta</i> , 2021, 96, 075216.	2.5	7

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19	A Novel Solution Method for Free Vibration Analysis of Functionally Graded Arbitrary Quadrilateral Plates with Hole. <i>Journal of Vibration Engineering and Technologies</i> , 2021, 9, 1769-1787.	2.2	10
20	A solution method for free vibration analysis of the elastically joined functionally graded shells. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	5
21	Dynamic Analysis of Multi-Stepped Functionally Graded Carbon Nanotube Reinforced Composite Plate with General Boundary Condition. <i>Shock and Vibration</i> , 2021, 2021, 1-27.	0.6	1
22	Application of Haar wavelet discretization method for free vibration analysis of inversely coupled composite laminated shells. <i>International Journal of Mechanical Sciences</i> , 2021, 204, 106549.	6.7	16
23	A novel meshfree method for three-dimensional natural frequency analysis of thick laminated conical, cylindrical shells and annular plates. <i>Physica Scripta</i> , 2021, 96, 125204.	2.5	3
24	A meshfree local weak-form method for free vibration analysis of an open laminated cylindrical shell with elliptical section. <i>Composite Structures</i> , 2021, 275, 114484.	5.8	11
25	Free vibration analysis of laminated closed conical, cylindrical shells and annular plates with a hole using a meshfree method. <i>Structures</i> , 2021, 34, 3070-3086.	3.6	8
26	Haar wavelet method for frequency analysis of the combined functionally graded shells with elastic boundary condition. <i>Thin-Walled Structures</i> , 2021, 169, 108340.	5.3	9
27	Three-dimensional free vibration analysis of thick laminated combination shell using a meshfree approach. <i>AIP Advances</i> , 2021, 11, .	1.3	4
28	A meshfree approach for free vibration analysis of ply drop-off laminated conical, cylindrical shells and annular plates. <i>Acta Mechanica</i> , 2021, 232, 4775-4800.	2.1	6
29	A general nonlinear magneto-elastic coupled constitutive model for soft ferromagnetic materials. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 500, 166406.	2.3	12
30	A method for natural frequency calculation of the functionally graded rectangular plate with general elastic restraints. <i>AIP Advances</i> , 2020, 10, .	1.3	6
31	A nonlinear magneto-mechanical coupling model for magnetization and magnetostriction of ferromagnetic materials. <i>AIP Advances</i> , 2020, 10, .	1.3	23
32	Natural frequency calculation of elastically connected double-beam system with arbitrary boundary condition. <i>AIP Advances</i> , 2020, 10, .	1.3	10
33	A local gradient smoothing method for solving strong form governing equation. <i>European Journal of Mechanics, A/Solids</i> , 2020, 84, 104073.	3.7	5
34	Application of semi-analytical method to vibration analysis of multi-edge crack laminated composite beams with elastic constraint. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	0
35	Natural frequency calculation of open laminated conical and cylindrical shells by a meshless method. <i>European Physical Journal Plus</i> , 2020, 135, 1.	2.6	18
36	Dynamic analysis of composite laminated doubly-curved revolution shell based on higher order shear deformation theory. <i>Composite Structures</i> , 2019, 225, 111155.	5.8	26

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37	A modeling method for vibration analysis of cracked laminated composite beam of uniform rectangular cross-section with arbitrary boundary condition. <i>Composite Structures</i> , 2019, 208, 127-140.	5.8	34
38	A modeling method for vibration analysis of cracked beam with arbitrary boundary condition. <i>Journal of Ocean Engineering and Science</i> , 2018, 3, 367-381.	4.3	26
39	Free and Forced Vibration Analysis of Airtight Cylindrical Vessels with Doubly Curved Shells of Revolution by Using Jacobi-Ritz Method. <i>Shock and Vibration</i> , 2017, 2017, 1-20.	0.6	13