Ã–mer Civalek

List of Publications by Year
in descending order

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218 papers	12,105 citations	12597 71 h-index	37326 100 g-index
219 all docs	219 docs citations	219 times ranked	2592 citing authors

#	ARTICLE	IF	CITATIONS
1	Vibration of FG nano-sized beams embedded in Winkler elastic foundation and with various boundary conditions. Mechanics Based Design of Structures and Machines, 2023, 51, 481-500.	3.4	33
2	Dynamic stability of hybrid fiber/nanocomposite-reinforced toroidal shells subjected to the periodic axial and pressure loadings. Mechanics of Advanced Materials and Structures, 2023, 30, 1574-1590.	1.5	9
3	On vibrational-based numerical simulation of a jet engine cowl shell-like structure. Mechanics of Advanced Materials and Structures, 2023, 30, 4016-4027.	1.5	24
4	Free vibration and buckling analyses of CNT reinforced laminated non-rectangular plates by discrete singular convolution method. Engineering With Computers, 2022, 38, 489-521.	3.5	134
5	Buckling and free vibrations of CNT-reinforced cross-ply laminated composite plates. Mechanics Based Design of Structures and Machines, 2022, 50, 1914-1931.	3.4	124
6	Static deflection and free vibration analysis of functionally graded and porous cylindrical micro/nano shells based on the three-dimensional elasticity and modified couple stress theories. Mechanics Based Design of Structures and Machines, 2022, 50, 2184-2205.	3.4	37
7	Bending response of FG composite doubly curved nanoshells with thickness stretching via higher-order sinusoidal shear theory. Mechanics Based Design of Structures and Machines, 2022, 50, 2350-2378.	3.4	24
8	The free vibration analysis of hybrid porous nanocomposite joined hemisphericalâ€“cylindricalâ€“conical shells. Engineering With Computers, 2022, 38, 3125-3152.	3.5	55
9	Free vibration and stability of hybrid nanocomposite-reinforced shallow toroidal shells using an extended closed-form formula based on the Galerkin method. Mechanics of Advanced Materials and Structures, 2022, 29, 5284-5300.	1.5	25
10	Vibration of FG Porous Three-Layered Beams Equipped by Agglomerated Nanocomposite Patches Resting on Vlasov's Foundation. Transport in Porous Media, 2022, 142, 157-186.	1.2	7
11	On the deformation and frequency analyses of SARS-CoV-2 at nanoscale. International Journal of Engineering Science, 2022, 170, 103604.	2.7	29
12	Sinc and discrete singular convolution for analysis of threeâ€layer composite of perovskite solar cell. International Journal of Energy Research, 2022, 46, 4279-4300.	2.2	3
13	Nonlinear thermo-mechanical static analysis of toroidal shells made of nanocomposite/fiber reinforced composite plies surrounded by elastic medium. Thin-Walled Structures, 2022, 170, 108616.	2.7	21
14	A new eigenvalue problem solver for thermoâ€mechanical vibration of Timoshenko nanobeams by an innovative nonlocal finite element method. Mathematical Methods in the Applied Sciences, 2022, 45, 2592-2614.	1.2	101
15	Agglomerated impact of CNT vs. GNP nanofillers on hybridization of polymer matrix for vibration of coupled hemispherical-conical-conical shells. Aerospace Science and Technology, 2022, 120, 107257.	2.5	43
16	Thermo-elastic damped nonlinear dynamic response of the initially stressed hybrid GPL/CNT/fiber/polymer composite toroidal shells surrounded by elastic foundation. Composite Structures, 2022, 283, 115047.	3.1	11
17	Torsional vibrations of functionally graded restrained nanotubes. European Physical Journal Plus, 2022, 137, 1.	1.2	3
18	An effective analytical method for buckling solutions of a restrained FGM nonlocal beam. Computational and Applied Mathematics, 2022, 41, 1.	1.0	72

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19	An eigenvalue solution for torsional vibrations of restrained porous nanorods using doublet mechanics theory. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1.	0.8	1
20	Torsional and longitudinal vibration analysis of a porous nanorod with arbitrary boundaries. Physica B: Condensed Matter, 2022, 633, 413761.	1.3	10
21	Parametric vibration of a dielectric elastomer microbeam resonator based on a hyperelastic cosserat continuum model. Composite Structures, 2022, 287, 115386.	3.1	16
22	Natural frequency analysis of FG-GOP/ polymer nanocomposite spheroid and ellipsoid doubly curved shells reinforced by transversely-isotropic carbon fibers. Engineering Analysis With Boundary Elements, 2022, 138, 369-389.	2.0	37
23	Novel size-dependent finite element formulation for modal analysis of cracked nanorods. Materials Today Communications, 2022, 31, 103545.	0.9	2
24	Geometrically nonlinear electro-thermo-static analysis of piezoelectric/CNT/GPL/fibre/polymer sandwich panels with double curvature resting on elastic foundation. Composite Structures, 2022, 295, 115844.	3.1	11
25	Nonlinear forced vibration analysis of laminated composite doubly-curved shells enriched by nanocomposites incorporating foundation and thermal effects. Aerospace Science and Technology, 2022, 127, 107717.	2.5	17
26	Interaction of the lateral buckling strength with the axial load for FG micro-sized I-section beamâ€“columns. Thin-Walled Structures, 2022, 179, 109616.	2.7	6
27	Wave propagation analysis of sandwich FGM nanoplate surrounded by viscoelastic foundation. Archives of Civil and Mechanical Engineering, 2022, 22, .	1.9	10
28	Nonlocal thermoelastic vibration of a solid medium subjected to a pulsed heat flux via Caputoâ€“Fabrizio fractional derivative heat conduction. Applied Physics A: Materials Science and Processing, 2022, 128, .	1.1	15
29	Size-dependent dynamic stability of nanocomposite enriched micro-shell panels in thermal environment using the modified couple stress theory. Engineering Analysis With Boundary Elements, 2022, 143, 483-500.	2.0	10
30	A Novel Nonlinear Elasticity Approach for Analysis of Nonlinear and Hyperelastic Structures. Engineering Analysis With Boundary Elements, 2022, 143, 219-236.	2.0	8
31	Mechanical simulation of artificial gravity in torus-shaped and cylindrical spacecraft. Acta Astronautica, 2021, 179, 330-344.	1.7	13
32	Thermo-elastic buckling of honeycomb micro plates integrated with FG-GNPs reinforced Epoxy skins with stretching effect. Composite Structures, 2021, 258, 113430.	3.1	41
33	On the shell model for human eye in Glaucoma disease. International Journal of Engineering Science, 2021, 158, 103414.	2.7	24
34	Analysis of graphene nanoplatelet reinforced cylindrical shell subjected to thermo-mechanical loads. Composite Structures, 2021, 255, 112924.	3.1	32
35	Forced Vibration Analysis of Composite Beams Reinforced by Carbon Nanotubes. Nanomaterials, 2021, 11, 571.	1.9	39
36	Dynamic instability analysis of general shells reinforced with polymeric matrix and carbon fibers using a coupled IG-SFSM formulation. Composite Structures, 2021, 263, 113720.	3.1	14

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37	An accurate numerical approach for studying perovskite solar cells. International Journal of Energy Research, 2021, 45, 16456-16477.	2.2	8
38	Dynamic Analysis of a Fiber-Reinforced Composite Beam under a Moving Load by the Ritz Method. Mathematics, 2021, 9, 1048.	1.1	72
39	A new analytical solution of vibration response of orthotropic composite plates with two adjacent edges rotationally-restrained and the others free. Composite Structures, 2021, 266, 113882.	3.1	13
40	Solution of Mooreâ€“Gibsonâ€“Thompson Equation of an Unbounded Medium with a Cylindrical Hole. Mathematics, 2021, 9, 1536.	1.1	69
41	Elastic wave characteristics in damped laminated composite nano-scaled shells with different panel shapes. Composite Structures, 2021, 267, 113924.	3.1	22
42	Free vibration of irregular plates via indirect differential quadrature and singular convolution techniques. Engineering Analysis With Boundary Elements, 2021, 128, 66-79.	2.0	11
43	An analytical solution for the free vibration of FG nanoplates. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	0.8	38
44	On the mechanical analysis of microcrystalline cellulose sheets. International Journal of Engineering Science, 2021, 166, 103500.	2.7	17
45	On the generalized model of shell structures with functional cross-sections. Composite Structures, 2021, 272, 114192.	3.1	17
46	A novel composite model for vibration of thin-walled layered composite panels incorporating the agglomeration of CNTs. Aerospace Science and Technology, 2021, 116, 106897.	2.5	28
47	Buckling analysis of nanobeams with deformable boundaries via doublet mechanics. Archive of Applied Mechanics, 2021, 91, 4765-4782.	1.2	11
48	Derivation of nonlocal FEM formulation for thermo-elastic Timoshenko beams on elastic matrix. Composite Structures, 2021, 273, 114292.	3.1	12
49	Natural frequency analysis of sigmoid functionally graded sandwich beams in the framework of high order shear deformation theory. Composite Structures, 2021, 276, 114564.	3.1	48
50	Wave dispersion characteristics of graphene reinforced nanocomposite curved viscoelastic panels. Composite Structures, 2021, 277, 114648.	3.1	29
51	Higher-order time-differential heat transfer model with three-phase lag including memory-dependent derivatives. International Communications in Heat and Mass Transfer, 2021, 128, 105649.	2.9	21
52	Comparative Stability Analysis of Boron Nitride Nanotube using MD Simulation and Nonlocal Elasticity Theory. International Journal of Engineering and Applied Sciences, 2021, 13, 189-200.	0.1	2
53	Application of Chebyshevâ€“Ritz method for static stability and vibration analysis of nonlocal microstructure-dependent nanostructures. Engineering With Computers, 2020, 36, 953-964.	3.5	138
54	Vibration of functionally graded carbon nanotube reinforced quadrilateral plates using geometric transformation discrete singular convolution method. International Journal for Numerical Methods in Engineering, 2020, 121, 990-1019.	1.5	7

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55	3-D magneto-electro-thermal analysis of layered nanoplate including porous core nanoplate and piezomagnetic face-sheets. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	1.1	17
56	Nonlocal finite element analysis for axial vibration of embedded loveâ€“bishop nanorods. International Journal of Mechanical Sciences, 2020, 188, 105939.	3.6	27
57	Vibration of smart laminated carbon nanotube-reinforced composite cylindrical panels on elastic foundations in hygrothermal environments. Thin-Walled Structures, 2020, 155, 106945.	2.7	35
58	On the non-linear dynamics of torus-shaped and cylindrical shell structures. International Journal of Engineering Science, 2020, 156, 103371.	2.7	72
59	Stability analysis of nanobeams placed in electromagnetic field using a finite element method. Arabian Journal of Geosciences, 2020, 13, 1.	0.6	17
60	Static analysis of functionally graded composite shells on elastic foundations with nonlocal elasticity theory. Archives of Civil and Mechanical Engineering, 2020, 20, 1.	1.9	25
61	Analysis of functionally graded doubly-curved shells with different materials via higher order shear deformation theory. Composite Structures, 2020, 251, 112645.	3.1	25
62	Shear buckling analysis of functionally graded (FG) carbon nanotube reinforced skew plates with different boundary conditions. Aerospace Science and Technology, 2020, 99, 105753.	2.5	43
63	On the effect of viscoelasticity on behavior of gyroscopes. International Journal of Engineering Science, 2020, 149, 103236.	2.7	160
64	Size-dependent transverse and longitudinal vibrations of embedded carbon and silica carbide nanotubes by nonlocal finite element method. European Physical Journal Plus, 2020, 135, 1.	1.2	159
65	Buckling of carbon nanotube (CNT)-reinforced composite skew plates by the discrete singular convolution method. Acta Mechanica, 2020, 231, 2565-2587.	1.1	17
66	Analysis of porous micro-plates reinforced with FG-GNPs based on Reddy plate theory. Composite Structures, 2020, 247, 112391.	3.1	103
67	Vibration analysis of magnetically affected graphene oxide-reinforced nanocomposite beams. JVC/Journal of Vibration and Control, 2019, 25, 2837-2849.	1.5	39
68	On the torsional vibration of nanorods surrounded by elastic matrix via nonlocal FEM. International Journal of Mechanical Sciences, 2019, 161-162, 105076.	3.6	31
69	On the dynamics of small-sized structures. International Journal of Engineering Science, 2019, 145, 103164.	2.7	25
70	On dynamic instability of magnetically embedded viscoelastic porous FG nanobeam. International Journal of Engineering Science, 2019, 143, 14-32.	2.7	200
71	Nonlocal FEM Formulation for Vibration Analysis of Nanowires on Elastic Matrix with Different Materials. Mathematical and Computational Applications, 2019, 24, 38.	0.7	17
72	A nonlocal strain gradient refined plate theory for dynamic instability of embedded graphene sheet including thermal effects. Composite Structures, 2019, 220, 209-220.	3.1	42

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73	Effect of silicon dioxide substrate on buckling behavior of Zinc Oxide nanotubes via size-dependent continuum theories. Composite Structures, 2019, 218, 130-141.	3.1	18
74	Free vibration and static deflection analysis of functionally graded and porous micro/nanoshells with clamped and simply supported edges. Composite Structures, 2019, 221, 110842.	3.1	35
75	Size-Dependent Transverse Vibration of Microbeams. , 2019, , 1123-1139.		0
76	Axial Vibration of Strain Gradient Micro-rods. , 2019, , 1141-1155.		1
77	Free vibration analysis of laminated and FGM composite annular sector plates. Composites Part B: Engineering, 2019, 157, 182-194.	5.9	101
78	Modal Analysis of Micro and Nanowires Using Finite Element Softwares. International Journal of Engineering and Applied Sciences, 2019, 10, 291-304.	0.1	6
79	Geometric Mapping For Non-Rectangular Plates with Micro/Nano or Macro Scaled under Different Effects.. International Journal of Engineering and Applied Sciences, 2019, 11, 445-454.	0.1	1
80	Vibration analysis of circular cylindrical panels with CNT reinforced and FGM composites. Composite Structures, 2018, 202, 374-388.	3.1	31
81	Frequencies of FGM shells and annular plates by the methods of discrete singular convolution and differential quadrature methods. Composite Structures, 2018, 183, 7-20.	3.1	93
82	Free vibration of laminated and FGM/CNT composites annular thick plates with shear deformation by discrete singular convolution method. Composite Structures, 2018, 186, 139-153.	3.1	49
83	Small size and rotary inertia effects on the natural frequencies of carbon nanotubes. Curved and Layered Structures, 2018, 5, 273-279.	0.5	7
84	Vibrational characteristics of embedded microbeams lying on a two-parameter elastic foundation in thermal environment. Composites Part B: Engineering, 2018, 150, 68-77.	5.9	53
85	Vibration of carbon nanotube reinforced composite (CNTRC) annular sector plates by discrete singular convolution method. Composite Structures, 2018, 203, 458-465.	3.1	47
86	On dynamic analysis of nanorods. International Journal of Engineering Science, 2018, 130, 33-50.	2.7	170
87	Numerical Methods for FGM Composites Shells and Plates. International Journal of Engineering and Applied Sciences, 2018, 10, 5-12.	0.1	2
88	Axial Vibration of Strain Gradient Micro-rods. , 2018, , 1-15.		0
89	Carbon Nanotube Beam Model and Free Vibration Analysis. International Journal of Engineering and Applied Sciences, 2018, 10, 1-4.	0.1	2
90	Elastic Beam Model and Bending Analysis of Silver Nanowires. International Journal of Engineering and Applied Sciences, 2018, 10, 13-20.	0.1	2

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91	Defination of length-scale parameter in Eringenâ€™s Nonlocal Elasticity via Nolocal Lattice and Finite Element Formulation. International Journal of Engineering and Applied Sciences, 2018, 10, 264-275.	0.1	1
92	A new nonlocal FEM via Hermitian cubic shape functions for thermal vibration of nano beams surrounded by an elastic matrix. Composite Structures, 2017, 168, 872-884.	3.1	109
93	Buckling analysis of Silicon carbide nanotubes (SiCNTs) with surface effect and nonlocal elasticity using the method of HDQ. Composites Part B: Engineering, 2017, 114, 34-45.	5.9	120
94	Vibration of laminated composite panels and curved plates with different types of FGM composite constituent. Composites Part B: Engineering, 2017, 122, 89-108.	5.9	21
95	A size-dependent beam model for stability of axially loaded carbon nanotubes surrounded by Pasternak elastic foundation. Composite Structures, 2017, 176, 1028-1038.	3.1	86
96	On the analysis of microbeams. International Journal of Engineering Science, 2017, 121, 14-33.	2.7	173
97	Effects of thermal and shear deformation on vibration response of functionally graded thick composite microbeams. Composites Part B: Engineering, 2017, 129, 77-87.	5.9	147
98	Higher-order continuum theories for buckling response of silicon carbide nanowires (SiCNWs) on elastic matrix. Archive of Applied Mechanics, 2017, 87, 1797-1814.	1.2	36
99	Free vibration analysis of annular sector plates via conical shell equations. Curved and Layered Structures, 2017, 4, 146-157.	0.5	12
100	Buckling analysis of composite panels and shells with different material properties by discrete singular convolution (DSC) method. Composite Structures, 2017, 161, 93-110.	3.1	38
101	Discrete singular convolution method for the free vibration analysis of rotating shells with different material properties. Composite Structures, 2017, 160, 267-279.	3.1	42
102	Free vibration of carbon nanotubes reinforced (CNTR) and functionally graded shells and plates based on FSDT via discrete singular convolution method. Composites Part B: Engineering, 2017, 111, 45-59.	5.9	152
103	Frequency and Mode Shapes of Au Nanowires Using the Continuous Beam Models. International Journal of Engineering and Applied Sciences, 2017, 9, 55-55.	0.1	8
104	Vibration analysis of graphene sheets using membrane model. Pamukkale University Journal of Engineering Sciences, 2017, 23, 652-658.	0.2	2
105	Size-Dependent Transverse Vibration of Microbeams. , 2017, , 1-17.		0
106	ELASTÄ°K BÄ°R MALZEME Ä°LE TEMAS HALÄ°NDE OLAN GRAFEN TABAKANIN TÄ°TREÅžÄ°M HESABI. Journal of the Faculty of Engineering and Architecture of Gazi University, 2017, 32, .	0.3	8
107	What is The Correct Mechanical Model of Aorta Artery. International Journal of Engineering and Applied Sciences, 2017, 9, 138-138.	0.1	1
108	Comparison of small scale effect theories for buckling analysis of nanobeams. International Journal of Engineering and Applied Sciences, 2017, 9, 87-97.	0.1	5

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109	A simple mathematical model of microtubules surrounded by an elastic matrix by nonlocal finite element method. Applied Mathematics and Computation, 2016, 289, 335-352.	1.4	155
110	Static and dynamic response of sector-shaped graphene sheets. Mechanics of Advanced Materials and Structures, 2016, 23, 432-442.	1.5	16
111	Vibration analysis of FG cylindrical shells with power-law index using discrete singular convolution technique. Curved and Layered Structures, 2016, 3, .	0.5	66
112	Determination of critical buckling loads of isotropic, FGM and laminated truncated conical panel. Composites Part B: Engineering, 2016, 94, 1-10.	5.9	99
113	DSC method for buckling analysis of boron nitride nanotube (BNNT) surrounded by an elastic matrix. Composite Structures, 2016, 143, 300-309.	3.1	105
114	Bending analysis of embedded carbon nanotubes resting on an elastic foundation using strain gradient theory. Acta Astronautica, 2016, 119, 1-12.	1.7	172
115	The effects of thickness on frequency values for rotating circular shells. International Journal of Engineering and Applied Sciences, 2016, 8, 26-26.	0.1	6
116	Buckling Analysis of Silicon Carbide Nanotubes (SiCNTs). International Journal of Engineering and Applied Sciences, 2016, 8, 101-101.	0.1	19
117	Nonlocal Finite Element Formulation for Vibration. International Journal of Engineering and Applied Sciences, 2016, 8, 109-109.	0.1	9
118	Static analysis of beams on elastic foundation by the method of discrete singular convolution. International Journal of Engineering and Applied Sciences, 2016, 8, 67-67.	0.1	7
119	Discrete Singular Convolution and Differential Quadrature Method for Buckling Analysis of Laminated Composite Plates. International Journal of Engineering and Applied Sciences, 2016, 8, 66-66.	0.1	4
120	TEK KATMANLI GRAFEN TABAKALARIN EÄžÄ°LME VE TÄ°TREÅžÄ°MÄ°. MÃ¼hendislik Bilimleri Ve TasarÄ±m Dergisi, 2016, 4, 1-7.	0.1	3
121	A microstructure-dependent sinusoidal plate model based on the strain gradient elasticity theory. Acta Mechanica, 2015, 226, 2277-2294.	1.1	189
122	A novel microstructure-dependent shear deformable beam model. International Journal of Mechanical Sciences, 2015, 99, 10-20.	3.6	179
123	Bending analysis of FG microbeams resting on Winkler elastic foundation via strain gradient elasticity. Composite Structures, 2015, 134, 294-301.	3.1	121
124	MODAL ANALYSIS OF TAPERED BEAM-COLUMN EMBEDDED IN WINKLER ELASTIC FOUNDATION. International Journal of Engineering and Applied Sciences, 2015, 7, 1-1.	0.1	8
125	Coordinate Transformation for Sector and Annular Sector Shaped Graphene Sheets on Silicone Matrix. International Journal of Engineering and Applied Sciences, 2015, 7, 56-56.	0.1	16
126	NONLOCAL DEFLECTION OF MICROTUBULES UNDER POINT LOAD. International Journal of Engineering and Applied Sciences, 2015, 7, 33-33.	0.1	9

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127	A Simple Buckling Analysis Of Aorta Artery. International Journal of Engineering and Applied Sciences, 2015, 7, 34-34.	0.1	4
128	Longitudinal vibration analysis for microbars based on strain gradient elasticity theory. JVC/Journal of Vibration and Control, 2014, 20, 606-616.	1.5	187
129	A new trigonometric beam model for buckling of strain gradient microbeams. International Journal of Mechanical Sciences, 2014, 81, 88-94.	3.6	106
130	Mechanical analysis of isolated microtubules based on a higher-order shear deformation beam theory. Composite Structures, 2014, 118, 9-18.	3.1	10
131	Static analysis of laminated conical shells by Discrete Singular Convolution (DSC) approach. KSCE Journal of Civil Engineering, 2014, 18, 1455-1463.	0.9	2
132	Thermo-mechanical buckling behavior of functionally graded microbeams embedded in elastic medium. International Journal of Engineering Science, 2014, 85, 90-104.	2.7	202
133	Elastic buckling behavior of skew shaped single-layer graphene sheets. Thin Solid Films, 2014, 550, 450-458.	0.8	11
134	Shear deformation beam models for functionally graded microbeams with new shear correction factors. Composite Structures, 2014, 112, 214-225.	3.1	106
135	Geometrically nonlinear dynamic and static analysis of shallow spherical shell resting on two-parameters elastic foundations. International Journal of Pressure Vessels and Piping, 2014, 113, 1-9.	1.2	99
136	Longitudinal vibration analysis of strain gradient bars made of functionally graded materials (FGM). Composites Part B: Engineering, 2013, 55, 263-268.	5.9	127
137	Vibration analysis of micro-scaled sector shaped graphene surrounded by an elastic matrix. Computational Materials Science, 2013, 77, 295-303.	1.4	87
138	Torsional and longitudinal frequency and wave response of microtubules based on the nonlocal continuum and nonlocal discrete models. Applied Mathematical Modelling, 2013, 37, 9355-9367.	2.2	173
139	Modeling and analysis of micro-sized plates resting on elastic medium using the modified couple stress theory. Meccanica, 2013, 48, 863-873.	1.2	107
140	Buckling analysis of functionally graded microbeams based on the strain gradient theory. Acta Mechanica, 2013, 224, 2185-2201.	1.1	190
141	Free vibration analysis of axially functionally graded tapered Bernoulliâ€“Euler microbeams based on the modified couple stress theory. Composite Structures, 2013, 98, 314-322.	3.1	315
142	A size-dependent shear deformation beam model based on the strain gradient elasticity theory. International Journal of Engineering Science, 2013, 70, 1-14.	2.7	211
143	Nonlinear dynamic response of laminated plates resting on nonlinear elastic foundations by the discrete singular convolution-differential quadrature coupled approaches. Composites Part B: Engineering, 2013, 50, 171-179.	5.9	91
144	Vibration analysis of laminated composite conical shells by the method of discrete singular convolution based on the shear deformation theory. Composites Part B: Engineering, 2013, 45, 1001-1009.	5.9	113

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145	Buckling analysis of linearly tapered micro-columns based on strain gradient elasticity. Structural Engineering and Mechanics, 2013, 48, 195-205.	1.0	65
146	Mathematical modeling of vibration problem of nano-sized annular sector plates using the nonlocal continuum theory via eight-node discrete singular convolution transformation. Applied Mathematics and Computation, 2012, 219, 3226-3240.	1.4	120
147	Free vibration analysis for single-layered graphene sheets in an elastic matrix via modified couple stress theory. Materials & Design, 2012, 42, 164-171.	5.1	124
148	INVESTIGATION OF SIZE EFFECTS ON STATIC RESPONSE OF SINGLE-WALLED CARBON NANOTUBES BASED ON STRAIN GRADIENT ELASTICITY. International Journal of Computational Methods, 2012, 09, 1240032.	0.8	33
149	Comment on â€œStatic and dynamic analysis of micro beams based on strain gradient elasticity theoryâ€•by S. Kong, S. Zhou, Z. Nie, and K. Wang, (International Journal of Engineering Science, 47, 487â€“498, 2009). International Journal of Engineering Science, 2012, 50, 279-281.	2.7	10
150	Analysis of micro-sized beams for various boundary conditions based on the strain gradient elasticity theory. Archive of Applied Mechanics, 2012, 82, 423-443.	1.2	204
151	Strain gradient elasticity and modified couple stress models for buckling analysis of axially loaded micro-scaled beams. International Journal of Engineering Science, 2011, 49, 1268-1280.	2.7	422
152	Large deflection analysis of laminated composite plates resting on nonlinear elastic foundations by the method of discrete singular convolution. International Journal of Pressure Vessels and Piping, 2011, 88, 290-300.	1.2	86
153	Bending analysis of microtubules using nonlocal Eulerâ€“Bernoulli beam theory. Applied Mathematical Modelling, 2011, 35, 2053-2067.	2.2	300
154	Application of strain gradient elasticity theory for buckling analysis of protein microtubules. Current Applied Physics, 2011, 11, 1133-1138.	1.1	76
155	Buckling Analysis of Cantilever Carbon Nanotubes Using the Strain Gradient Elasticity and Modified Couple Stress Theories. Journal of Computational and Theoretical Nanoscience, 2011, 8, 1821-1827.	0.4	96
156	Nonlinear vibration analysis of laminated plates resting on nonlinear two-parameters elastic foundations. Steel and Composite Structures, 2011, 11, 403-421.	1.3	77
157	Discrete singular convolution approach for buckling analysis of rectangular Kirchhoff plates subjected to compressive loads on two-opposite edges. Advances in Engineering Software, 2010, 41, 557-560.	1.8	80
158	Free vibration analysis of Timoshenko beams by DSC method. International Journal for Numerical Methods in Biomedical Engineering, 2010, 26, 1890-1898.	1.0	79
159	Nonlinear static response of laminated composite plates by discrete singular convolution method. Composite Structures, 2010, 93, 153-161.	3.1	95
160	Free Vibration and Bending Analyses of Cantilever Microtubules Based on Nonlocal Continuum Model. Mathematical and Computational Applications, 2010, 15, 289-298.	0.7	82
161	FREE VIBRATION OF KIRCHHOFF PLATES WITH SECTOR SHAPES BY THE METHOD OF DISCRETE SINGULAR CONVOLUTION. International Journal of Computational Methods, 2010, 07, 229-240.	0.8	6
162	Use of Eight-node Curvilinear Domains in Discrete Singular Convolution Method for Free Vibration Analysis of Annular Sector Plates with Simply Supported Radial Edges. JVC/Journal of Vibration and Control, 2010, 16, 303-320.	1.5	22

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163	Three-dimensional Elasticity Analysis of Rectangular Composite Plates. Journal of Composite Materials, 2010, 44, 2049-2066.	1.2	5
164	Mechanical modeling of microtubules based on nonlocal continuum theory. , 2010, , .		0
165	Free vibration analysis of tapered beam-column with pinned ends embedded in Winkler-Pasternak elastic foundation. Geomechanics and Engineering, 2010, 2, 45-56.	0.9	14
166	Vibration analysis of plates with curvilinear quadrilateral domains by discrete singular convolution method. Structural Engineering and Mechanics, 2010, 36, 279-299.	1.0	14
167	Free Vibration Analysis of Carbon Nanotubes Based on Shear Deformable Beam Theory by Discrete Singular Convolution Technique. Mathematical and Computational Applications, 2010, 15, 57-65.	0.7	55
168	Discrete Singular Convolution for Free Vibration Analysis Annular Membranes. Mathematical and Computational Applications, 2009, 14, 131-138.	0.7	6
169	NUMERICAL SOLUTIONS TO THE FREE VIBRATION PROBLEM OF MINDLIN SECTOR PLATES USING THE DISCRETE SINGULAR CONVOLUTION METHOD. International Journal of Structural Stability and Dynamics, 2009, 09, 267-284.	1.5	18
170	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
171	Free vibration analysis of symmetric laminated skew plates by discrete singular convolution technique based on firstâ€order shear deformation theory. International Journal for Numerical Methods in Engineering, 2009, 79, 290-313.	1.5	83
172	Fundamental frequency of isotropic and orthotropic rectangular plates with linearly varying thickness by discrete singular convolution method. Applied Mathematical Modelling, 2009, 33, 3825-3835.	2.2	80
173	Free vibration analysis of rotating cylindrical shells using discrete singular convolution technique. International Journal of Pressure Vessels and Piping, 2009, 86, 677-683.	1.2	88
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