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211	Mode-3 spontaneous crack propagation along functionally graded bimaterial interfaces. 2007 , 55, 1145-116	6 5 10
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209	Free vibration of geometrically nonlinear micro-switches under electrostatic and Casimir forces. 2010 , 19, 115028	32
208	Size effect on dynamic stability of functionally graded microbeams based on a modified couple stress theory. 2011 , 93, 342-350	298
207	Buckling and postbuckling behavior of functionally graded Timoshenko microbeams based on the strain gradient theory. 2012 , 7, 931-949	10
206	Mechanical behavior of a FGM micro-beam subjected to a nonlinear electrostatic pressure. 2012 , 8, 381-392	2 23
205	Bending, buckling and vibration of size-dependent functionally graded annular microplates. 2012 , 94, 3250-3257	141
204	Nonlinear free vibration of size-dependent functionally graded microbeams. 2012 , 50, 256-267	306
203	Pull-in instability and free vibration of electrically actuated poly-SiGe graded micro-beams with a curved ground electrode. <i>Applied Mathematical Modelling</i> , 2012 , 36, 1875-1884	43
202	Resonance frequency response of geometrically nonlinear micro-switches under electrical actuation. 2012 , 331, 3397-3411	35
201	A novel size-dependent functionally graded curved mircobeam model based on the strain gradient elasticity theory. 2013 , 106, 374-392	75
200	An exact analytical solution for free vibration of functionally graded circular/annular Mindlin nanoplates via nonlocal elasticity. 2013 , 103, 108-118	79
199	Stability analysis of a capacitive fgm micro-beam using modified couple stress theory. 2013 , 26, 427-440	50
198	Computational Methods for Inclined Cracks in Orthotropic Functionally Graded Materials Under Thermal Stresses. 2013 , 36, 1001-1026	7
197	Analytical solutions for bending and buckling of functionally graded nanobeams based on the nonlocal Timoshenko beam theory. 2013 , 97, 378-386	274
196	A size-dependent model for functionally graded micro-plates for mechanical analyses. 2013 , 19, 1614-1632	57
195	Size-dependent functionally graded Kirchhoff and Mindlin plate models based on a modified couple stress theory. 2013 , 95, 142-153	189

(2014-2013)

194	Axisymmetric nonlinear free vibration of size-dependent functionally graded annular microplates. 2013 , 53, 207-217		76
193	Size-dependent buckling analysis of functionally graded third-order shear deformable microbeams including thermal environment effect. <i>Applied Mathematical Modelling</i> , 2013 , 37, 9499-9515	4.5	61
192	A unified higher order beam theory for buckling of a functionally graded microbeam embedded in elastic medium using modified couple stress theory. 2013 , 101, 47-58		184
191	Mechanical behavior analysis of size-dependent micro-scaled functionally graded Timoshenko beams by strain gradient elasticity theory. 2013 , 102, 72-80		42
190	Dynamic stability analysis of functionally graded higher-order shear deformable microshells based on the modified couple stress elasticity theory. 2013 , 51, 44-53		99
189	Size-dependent vibration of functionally graded curved microbeams based on the modified strain gradient elasticity theory. 2013 , 83, 1439-1449		50
188	A size-dependent functionally graded Reddy plate model based on a modified couple stress theory. 2013 , 45, 1636-1645		137
187	On the free vibration response of functionally graded higher-order shear deformable microplates based on the strain gradient elasticity theory. 2013 , 95, 430-442		120
186	Static bending of a functionally graded microscale Timoshenko beam based on the modified couple stress theory. 2013 , 95, 740-747		115
185	A size-dependent functionally graded sinusoidal plate model based on a modified couple stress theory. 2013 , 96, 376-383		91
184	Analysis of Sigmoid Functionally Graded Material (S-FGM) Nanoscale Plates Using the Nonlocal Elasticity Theory. 2013 , 2013, 1-10		6
183	Size-dependent vibrations of post-buckled functionally graded Mindlin rectangular microplates. 2014 , 11, 2351-2378		10
182	Surface effects on free vibration of piezoelectric functionally graded nanobeams using nonlocal elasticity. 2014 , 225, 1555-1564		56
181	Size-dependent functionally graded beam model based on an improved third-order shear deformation theory. <i>European Journal of Mechanics, A/Solids</i> , 2014 , 47, 211-230	3.7	59
180	Axisymmetric postbuckling analysis of size-dependent functionally graded annular microplates using the physical neutral plane. 2014 , 81, 66-81		68
179	Free Vibration of Size-Dependent Functionally Graded Microbeams Based on the Strain Gradient Reddy Beam Theory. 2014 , 15, 401-412		10
178	Size-dependent axial buckling analysis of functionally graded circular cylindrical microshells based on the modified strain gradient elasticity theory. 2014 , 49, 1679-1695		52
177	Thermo-mechanical buckling behavior of functionally graded microbeams embedded in elastic medium. 2014 , 85, 90-104		172

176	Shear deformation beam models for functionally graded microbeams with new shear correction factors. 2014 , 112, 214-225		97
175	Nonlinear dynamic analysis of FG micro-pipes conveying fluid based on strain gradient theory. 2014 , 116, 128-135		90
174	Thermal effect on the pull-in instability of functionally graded micro-beams subjected to electrical actuation. 2014 , 116, 136-146		23
173	Bending and vibration analysis of S-FGM microplates embedded in Pasternak elastic medium using the modified couple stress theory. 2014 , 87, 150-162		62
172	Integrating MEMS and ICs. 2015 , 1,		177
171	Size-dependent free vibrations of electrostatically predeformed functionally graded micro-cantilevers. 2015 , 87, 012117		7
170	Closed-form elasticity solution for three-dimensional deformation of functionally graded micro/nano plates on elastic foundation. 2015 , 12, 747-762		10
169	A Fully Gradient Model for Euler-Bernoulli Nanobeams. 2015 , 2015, 1-8		47
168	A size-dependent third-order shear deformable plate model incorporating strain gradient effects for mechanical analysis of functionally graded circular/annular microplates. 2015 , 79, 553-580		72
167	Studying the effects of small scale and Casimir force on the non-linear pull-in instability and vibrations of FGM microswitches under electrostatic actuation. 2015 , 77, 193-207		24
166	An efficient size-dependent plate theory for bending, buckling and free vibration analyses of functionally graded microplates resting on elastic foundation. <i>Applied Mathematical Modelling</i> , 2015 , 39, 3814-3845	4.5	67
165	Size-dependent behavior of functionally graded sandwich microbeams based on the modified couple stress theory. 2015 , 123, 337-349		94
164	Size-dependent dynamic stability analysis of microbeams actuated by piezoelectric voltage based on strain gradient elasticity theory. 2015 , 29, 325-333		15
163	Size dependent bending and vibration analysis of functionally graded micro beams based on modified couple stress theory and neutral surface position. 2015 , 125, 621-630		188
162	Exact closed-form free vibration analysis for functionally graded micro/nano plates based on modified couple stress and three-dimensional elasticity theories. 2015 , 124, 283-291		55
161	Wave propagation analysis of embedded (coupled) functionally graded nanotubes conveying fluid. 2015 , 132, 1260-1273		42
160	Consideration of spatial variation of the length scale parameter in static and dynamic analyses of functionally graded annular and circular micro-plates. 2015 , 78, 338-348		33
159	Buckling analysis of functionally graded nanobeams based on a nonlocal third-order shear deformation theory. 2015 , 119, 1019-1032		57

(2016-2015)

158	Analysis of nanoindentation of functionally graded layered bodies with surface elasticity. 2015 , 94-95, 36-48	21
157	Size-dependent electromechanical buckling of functionally graded electrostatic nano-bridges. 2015 , 232, 49-62	67
156	Modified nonlocal elasticity theory for functionally graded materials. 2015 , 90, 44-57	88
155	Natural frequency analysis of functionally graded rectangular nanoplates with different boundary conditions via an analytical method. 2015 , 50, 2391-2408	29
154	Thermomechanical Vibration Behavior of FG Nanobeams Subjected to Linear and Non-Linear Temperature Distributions. 2015 , 38, 1360-1386	61
153	Size effect on the free vibration of geometrically nonlinear functionally graded micro-beams under electrical actuation and temperature change. 2015 , 133, 1137-1148	39
152	Size-dependent torsion of functionally graded bars. 2015 , 82, 205-211	25
151	A size-dependent FG micro-plate model incorporating higher-order shear and normal deformation effects based on a modified couple stress theory. 2015 , 104, 8-23	55
150	Bending analysis of FG microbeams resting on Winkler elastic foundation via strain gradient elasticity. 2015 , 134, 294-301	107
149	A comprehensive study on FGM nanoplates embedded in an elastic medium. 2015 , 134, 966-980	68
148	Size-dependent thermo-electrical buckling analysis of functionally graded piezoelectric nanobeams. 2015 , 24, 125007	87
147	Free vibration analysis of four-unknown shear deformable functionally graded cylindrical microshells based on the strain gradient elasticity theory. 2015 , 119, 578-597	66
146	Bending, buckling and free vibration analysis of size-dependent functionally graded circular/annular microplates based on the modified strain gradient elasticity theory. <i>European Journal of Mechanics, A/Solids</i> , 2015 , 49, 251-267	84
145	Exact analytical solution for free vibration of functionally graded micro/nanoplates via three-dimensional nonlocal elasticity. 2015 , 66, 350-358	29
144	Analytical Couple-stress Solution for Size-dependent Large-amplitude Vibrations of FG Tapered-nanobeams. 2016 , 13, 95-118	6
143	Buckling analysis of functionally graded rectangular nano-plate based on nonlocal exponential shear deformation theory. 2016 , 113, 94-104	62
142	Linear and nonlinear torsional free vibration of functionally graded micro/nano-tubes based on modified couple stress theory. 2016 , 37, 725-740	15
141	Size-Dependent Pull-In Instability of Electrically Actuated Functionally Graded Nano-Beams Under Intermolecular Forces. 2016 , 40, 289-301	5

140	Analytical modeling of dynamic behavior of piezo-thermo-electrically affected sigmoid and power-law graded nanoscale beams. 2016 , 122, 1	15
139	The effect of small scale on the free vibration of functionally graded truncated conical shells. 2016 , 11, 91-112	11
138	Thermo-elasto-dynamic analysis of axially functionally graded non-uniform nanobeams with surface energy. 2016 , 106, 57-76	42
137	Size-dependent behavior of functionally graded anisotropic composite plates. 2016 , 106, 110-124	51
136	Coupled longitudinal-transverse-rotational free vibration of post-buckled functionally graded first-order shear deformable micro- and nano-beams based on the Mindlin's strain gradient theory. Applied Mathematical Modelling, 2016 , 40, 9872-9891	30
135	Pre-buckling and buckling analyses of functionally graded microshells under axial and radial loads based on the modified couple stress theory. 2016 , 142, 226-237	44
134	Size-dependent electromechanical bending, buckling, and free vibration analysis of functionally graded piezoelectric nanobeams. 2016 , 27, 2199-2215	80
133	Analytical solutions for the size dependent buckling and postbuckling behavior of functionally graded micro-plates. 2016 , 100, 45-60	83
132	Asymmetric bifurcation of thermally and electrically actuated functionally graded material microbeam. 2016 , 472, 20150597	9
131	Size dependent pull-in behavior of functionally graded sandwich nanobridges using higher order shear deformation theory. 2016 , 143, 117-129	22
130	A most general strain gradient plate formulation for size-dependent geometrically nonlinear free vibration analysis of functionally graded shear deformable rectangular microplates. 2016 , 84, 2403-2422	38
129	Bending and free vibrations of functionally graded annular and circular micro-plates under thermal loading. 2016 , 137, 196-207	52
128	In-plane thermal loading effects on vibrational characteristics of functionally graded nanobeams. 2016 , 51, 951-977	20
127	Electromechanical buckling of functionally graded electrostatic nanobridges using strain gradient theory. 2016 , 118, 62-71	59
126	Eigenanalyses of Functionally Graded Micro-Scale Beams Entrapped in an Axially-Directed Magnetic Field with Elastic Restraints. 2016 , 16, 1550022	8
125	Influence of surface effects on vibration behavior of a rotary functionally graded nanobeam based on Eringen nonlocal elasticity. 2017 , 23, 1045-1065	80
124	Postbuckling behavior of functionally graded nanobeams subjected to thermal loading based on the surface elasticity theory. 2017 , 52, 283-297	13
123	Thermal environmental effects on free vibration of functionally graded isosceles triangular microplates. 2017 , 24, 885-907	8

122	Free Vibration of Edge Cracked Functionally Graded Microscale Beams Based on the Modified Couple Stress Theory. 2017 , 17, 1750033		43
121	Stability of the Size-Dependent and Functionally Graded Curvilinear Timoshenko Beams. 2017 , 12,		17
120	Strain gradient effects on the thermoelastic analysis of a functionally graded micro-rotating cylinder using generalized differential quadrature method. 2017 , 228, 1563-1580		28
119	3D elasticity analytical solution for bending of FG micro/nanoplates resting on elastic foundation using modified couple stress theory. <i>Applied Mathematical Modelling</i> , 2017 , 47, 174-188	5	25
118	A New Quasi 3D Nonlocal Plate Theory for Vibration and Buckling of FGM Nanoplates. 2017 , 09, 1750008		66
117	Imperfection sensitivity of the nonlinear axial buckling behavior of FGM nanoshells in thermal environments based on surface elasticity theory. 2017 , 06, 1750003		
116	A comparison of strain gradient theories with applications to the functionally graded circular micro-plate. <i>Applied Mathematical Modelling</i> , 2017 , 49, 124-143	5	24
115	Dynamic characterisation of functionally graded imperfect Kirchhoff microplates. 2017 , 179, 720-731		15
114	Coupled vibrations of functionally graded Timoshenko microbeams. <i>European Journal of Mechanics</i> , <i>A/Solids</i> , 2017 , 65, 289-300	7	19
113	Size-dependant behaviour of functionally graded microplates based on the modified strain gradient elasticity theory and isogeometric analysis. 2017 , 190, 219-241		76
112	On the nonlinear mechanics of layered microcantilevers. 2017 , 120, 1-14		27
111	Size-dependent analysis of homogeneous and functionally graded microplates using IGA and a non-classical Kirchhoff plate theory. 2017 , 172, 34-44		50
110	Dynamics of functionally graded micro-cantilevers. 2017 , 115, 117-130		54
109	Thermal buckling and vibration of functionally graded sinusoidal microbeams incorporating nonlinear temperature distribution using DQM. 2017 , 40, 665-689		22
108	Through-the-length temperature distribution effects on thermal vibration analysis of nonlocal strain-gradient axially graded nanobeams subjected to nonuniform magnetic field. 2017 , 40, 548-563		18
107	Forced Vibration Analysis of Functionally Graded Nanobeams. 2017 , 09, 1750100		18
106	Nonlinear static and transient isogeometric analysis of functionally graded microplates based on the modified strain gradient theory. 2017 , 153, 598-612		31
105	Size effects of functionally graded moderately thick microplates: A novel non-classical simple-FSDT isogeometric analysis. <i>European Journal of Mechanics, A/Solids</i> , 2017 , 66, 446-458	7	50

104	Effects of thermal and shear deformation on vibration response of functionally graded thick composite microbeams. 2017 , 129, 77-87	134
103	Nonlocal strain gradient beam model for nonlinear vibration of prebuckled and postbuckled multilayer functionally graded GPLRC nanobeams. 2017 , 179, 77-88	89
102	Size Dependency in the Axial Postbuckling Behavior of Nanopanels Made of Functionally Graded Material Considering Surface Elasticity. 2017 , 42, 4617-4633	21
101	Influence of three-parameter viscoelastic medium on vibration behavior of a cylindrical nonhomogeneous microshell in thermal environment: An exact solution. 2017 , 40, 1353-1367	30
100	Large-amplitude dynamics of a functionally graded microcantilever with an intermediate spring-support and a point-mass. 2017 , 228, 4309-4323	3
99	Nonlinear bending and forced vibrations of axially functionally graded tapered microbeams. 2017 , 120, 51-62	49
98	Evaluation of nonlocal higher order shear deformation models for the vibrational analysis of functionally graded nanostructures. 2017 , 24, 1116-1123	7
97	Free vibration analysis of size-dependent functionally graded porous cylindrical microshells in thermal environment. 2017 , 40, 55-71	85
96	Exact solution for axial and transverse dynamic response of functionally graded nanobeam under moving constant load based on nonlocal elasticity theory. 2017 , 52, 1441-1457	25
95	Free vibration analysis of couple stress rotating nanobeams with surface effect under in-plane axial magnetic field. 2017 , 107754631774471	6
94	Static Pull-in Analysis of Electrostatically Actuated Functionally Graded Micro-Beams Based on the Modified Strain Gradient Theory. 2018 , 10, 1850031	14
93	Thermal effect on bending, buckling and free vibration of functionally graded rectangular micro-plates possessing a variable length scale parameter. 2018 , 24, 3549-3572	8
92	Studies on the dynamic stability of an axially moving nanobeam based on the nonlocal strain gradient theory. 2018 , 32, 1850167	8
91	On buckling and post-buckling behavior of functionally graded micro-beams in thermal environment. 2018 , 128, 63-78	52
90	Surface energy effect on nonlinear buckling and postbuckling behavior of functionally graded piezoelectric cylindrical nanoshells under lateral pressure. 2018 , 5, 045017	20
89	Complex modal analysis of transverse free vibrations for axially moving nanobeams based on the nonlocal strain gradient theory. 2018 , 101, 85-93	43
88	Multi-objective optimization of functionally graded materials, thickness and aspect ratio in micro-beams embedded in an elastic medium. 2018 , 58, 265-285	5
87	Stability and nonlinear dynamical analysis of functionally graded microplates. 2018 , 24, 2109-2121	8

(2018-2018)

86	Thermal-mechanical-electrical buckling behavior of functionally graded micro-beams based on modified couple stress theory. 2018 , 202, 625-634	43
85	Effect of three-parameter viscoelastic medium on vibration behavior of temperature-dependent non-homogeneous viscoelastic nanobeams in a hygro-thermal environment. 2018 , 25, 361-374	8
84	Nonlocal static analysis of a functionally graded material curved nanobeam. 2018 , 25, 539-547	19
83	Buckling analysis of nonlocal strain gradient axially functionally graded nanobeams resting on variable elastic medium. 2018 , 232, 2067-2078	9
82	Cylindrical functionally graded shell model based on the first order shear deformation nonlocal strain gradient elasticity theory. 2018 , 24, 1133-1146	45
81	Modal interactions and energy transfers in large-amplitude vibrations of functionally graded microcantilevers. 2018 , 24, 3882-3893	7
80	Domain-boundary element method for elastodynamics of functionally graded Timoshenko beams. 2018 , 195, 113-125	16
79	Effects of neutral surface deviation on nonlinear resonance of embedded temperature-dependent functionally graded nanobeams. 2018 , 184, 969-979	12
78	Nonlinear oscillations of functionally graded microplates. 2018 , 122, 56-72	110
77	Thermo-Mechanical Vibration Analysis of Size-Dependent Functionally Graded Micro-Beams with General Boundary Conditions. 2018 , 10, 1850088	11
76	Buckling and free vibration analysis of functionally graded sandwich micro-beams resting on elastic foundation by using nonlocal strain gradient theory in conjunction with higher order shear theories under thermal effect. 2018 , 154, 292-312	42
75	The comparison of strain gradient effects for each component in static and dynamic analyses of FGM micro-beams. 2018 , 229, 3885-3899	8
74	Magnetic field effect on vibration of a rotary smart size-dependent two-dimensional porous functionally graded nanoplate. 2018 , 29, 2885-2901	5
73	Dynamic stability of sandwich functionally graded micro-beam based on the nonlocal strain gradient theory with thermal effect. 2018 , 201, 1018-1030	15
72	Electrostatic nonlinear bending, buckling and free vibrations of viscoelastic microbeams based on the modified couple stress theory. 2018 , 229, 3235-3255	24
71	A Three-Dimensional Size-Dependent Layered Model for Simply-Supported and Functionally Graded Magnetoelectroelastic Plates. 2018 , 31, 652-671	13
70	Dynamics and vibration analysis of an electrostatically actuated FGM microresonator involving flexural and torsional modes. 2018 , 148, 422-441	8
69	Thermal buckling of functionally graded triangular microplates. 2018 , 40, 1	12

68	Postbuckling analysis of functionally graded nanoplates based on nonlocal theory and isogeometric analysis. 2018 , 201, 13-20		15
67	Vibration Analysis of Thick Functionally Graded Micro-plates Using HOSNDPT and Modified Couple Stress Theory. 2019 , 43, 641-651		3
66	A nonlocal strain gradient theory for dynamic modeling of a rotary thermo piezo electrically actuated nano FG circular plate. 2019 , 115, 323-337		36
65	Dynamic stability of viscoelastic porous FG nanoplate under longitudinal magnetic field via a nonlocal strain gradient quasi-3D theory. 2019 , 175, 107164		34
64	Exact solution for frequency response of sandwich microbeams with functionally graded cores. 2019 , 25, 2641-2655		4
63	Investigation of thermal and magnetic field effects on the dynamic instability of FG Timoshenko nanobeam employing nonlocal strain gradient theory. 2019 , 161-162, 105043		20
62	The effect of multidimensional temperature distribution on the vibrational characteristics of a size-dependent thick bi-directional functionally graded microplate. 2019 , 50, 267-290		3
61	Bending, buckling and free vibration of nonlocal FG-carbon nanotube-reinforced composite nanobeams: exact solutions. 2019 , 1, 1		15
60	Structural instability of non-conservative functionally graded micro-beams tunable with piezoelectric layers. 2019 , 30, 593-605		5
59	Wave propagation in functionally graded cylindrical nanoshells based on nonlocal Flgge shell theory. 2019 , 134, 1		11
58	Thermomechanical vibration of bi-directional functionally graded non-uniform timoshenko nanobeam using nonlocal elasticity theory. 2019 , 172, 724-742		24
57	Thermal effect on vibrational behaviors of rotating functionally graded microbeams. <i>European Journal of Mechanics, A/Solids</i> , 2019 , 75, 497-515	3.7	17
56	On the nonlinear bending and post-buckling behavior of laminated sandwich cylindrical shells with FG or isogrid lattice cores. 2019 , 230, 2145		8
55	Fluttering and divergence instability of functionally graded viscoelastic nanotubes conveying fluid based on nonlocal strain gradient theory. 2019 , 29, 033108		17
54	Influence of the composition gradient on the propagation of heat pulses in functionally graded nanomaterials. 2019 , 475, 20180499		1
53	Thermal vibrations of temperature-dependent functionally graded non-uniform Timoshenko nanobeam using nonlocal elasticity theory. 2019 , 6, 075016		9
52	Vibration of functionally graded Mindlin plate based on a modified strain gradient elasticity theory. 2019 , 531, 012023		1
51	Nonlinear thermal stability and snap-through buckling of temperature-dependent geometrically imperfect graded nanobeams on nonlinear elastic foundation. 2019 , 6, 1250j6		5

(2020-2019)

50	On size-dependent dynamic behavior of rotating functionally graded Kirchhoff microplates. 2019 , 152, 34-50		15
49	A size-dependent exact theory for thermal buckling, free and forced vibration analysis of temperature dependent FG multilayer GPLRC composite nanostructures restring on elastic foundation. 2019 , 15, 569-583		79
48	Vibration and Buckling of Functionally Graded Sandwich Micro-Plates Based on a New Size-Dependent Model. 2019 , 11, 1950004		7
47	Torsional statics of two-dimensionally functionally graded microtubes. 2019 , 26, 430-442		19
46	The effect of nonlinear temperature distribution on the vibrational behavior of a size-dependent FG laminated rectangular plates undergoing prescribed overall motion. 2019 , 40, 766-778		2
45	Finite element static and dynamic analysis of axially functionally graded nonuniform small-scale beams based on nonlocal strain gradient theory. 2019 , 26, 1245-1259		39
44	Non-classical plate model for FGMs. Engineering With Computers, 2019, 35, 215-228	4.5	11
43	Surface effects on nonlinear vibration of embedded functionally graded nanoplates via higher order shear deformation plate theory. 2019 , 26, 671-699		16
42	Vibration of size-dependent functionally graded sandwich microbeams with different boundary conditions based on the modified couple stress theory. 2020 , 22, 220-247		8
41	An analytical study on wave propagation in functionally graded nano-beams/tubes based on the integral formulation of nonlocal elasticity. 2020 , 30, 562-580		25
40	A comprehensive study on the size-dependent hygrothermal analysis of exponentially graded microplates on elastic foundations. 2020 , 27, 816-830		19
39	Torsional dynamics of bi-directional functionally graded small-scale tubes possessing a variable length scale parameter. 2020 , 1-8		O
38	Size-dependent analysis of a functionally graded piezoelectric micro-cylinder based on the strain gradient theory with the consideration of flexoelectric effect: plane strain problem. 2020 , 42, 1		5
37	Exact analytical solutions for bending of bi-directional functionally graded nanobeams by the nonlocal beam theory using the Laplace transform. 2020 , 1, 100002		5
36	Investigation of surface effects on the natural frequency of a functionally graded cylindrical nanoshell based on nonlocal strain gradient theory. 2020 , 135, 1		7
35	Flexural Behavior of Functionally Graded Plates with Piezoelectric Materials. 2020, 45, 9227-9248		1
34	Novel study on functionally graded anisotropic doubly curved nanoshells. 2020 , 135, 1		15
33	Size-dependent behaviour of functionally graded sandwich microbeams based on the modified strain gradient theory. 2020 , 246, 112401		24

32	Size-dependent thermo-mechanical free vibration analysis of functionally graded porous microbeams based on modified strain gradient theory. 2020 , 42, 1		4
31	Nonlinear coupled mechanics of functionally graded nanobeams. 2020 , 150, 103221		35
30	Size-Dependent Hygro-Thermal Buckling of Porous FGM Sandwich Microplates and Microbeams Using a Novel Four-Variable Shear Deformation Theory. 2020 , 12, 2050017		13
29	Size-dependent electro-static analysis of smart micro-sandwich panels with functionally graded core. 2021 , 232, 111-133		1
28	Bending, vibration, buckling analysis of bi-directional FG porous microbeams with a variable material length scale parameter. <i>Applied Mathematical Modelling</i> , 2021 , 91, 723-748	4.5	14
27	A quasi-3D theory for functionally graded porous microbeams based on the modified strain gradient theory. 2021 , 257, 113066		5
26	Porosity distribution effect on stress, electric field and nonlinear vibration of functionally graded nanostructures with direct and inverse flexoelectric phenomenon. 2021 , 259, 113220		12
25	On bending, buckling and free vibration analysis of 2D-FG tapered Timoshenko nanobeams based on modified couple stress and surface energy theories. 1-47		4
24	Size-dependent vibration and dynamic stability of AFG microbeams immersed in fluid. <i>Thin-Walled Structures</i> , 2021 , 161, 107432	4.7	3
23	Closed-form expressions for bending and buckling of functionally graded nanobeams by the Laplace transform. 2021 , 10, 2150012		1
22	Surface effect on vibration characteristics of bi-directional functionally graded nanobeam using Eringen nonlocal theory. <i>Physica Scripta</i> , 2021 , 96, 115703	2.6	O
21	Weak-form differential quadrature finite elements for functionally graded micro-beams with strain gradient effects. 2021 , 232, 4009		O
20	Progression in manufacturing of functionally graded materials and impact of thermal treatment critical review. 2021 , 68, 1339-1377		9
19	Size-dependent vibration of functionally graded rotating nanobeams with different boundary conditions based on nonlocal elasticity theory. 095440622110380		2
18	Surface stress size dependency in nonlinear free oscillations of FGM quasi-3D nanoplates having arbitrary shapes with variable thickness using IGA. <i>Thin-Walled Structures</i> , 2021 , 166, 108101	4.7	17
17	Effect of surface stresses on the dynamic behavior of bi-directional functionally graded nonlocal strain gradient nanobeams via generalized differential quadrature rule. <i>European Journal of Mechanics, A/Solids</i> , 2021 , 90, 104376	3.7	4
16	Post-buckling of functionally graded microplates under mechanical and thermal loads using isogeomertic analysis. 2017 , 150, 905-917		23
15	Effect of In-Plane Load and Thermal Environment on Buckling and Vibration Behavior of Two-Dimensional Functionally Graded Tapered Timoshenko Nanobeam. 2021 , 143,		8

CITATION REPORT

14	On vibration properties of functionally graded nano-plate using a new nonlocal refined four variable model. 2015 , 18, 1063-1081		161
13	A nonlocal zeroth-order shear deformation theory for free vibration of functionally graded nanoscale plates resting on elastic foundation. 2016 , 20, 227-249		178
12	Surface Effects and Small-Scale Impacts on the Bending and Buckling of Nanowires Using Various Nonlocal HSDTs. 2022 , 25, 42-56		
11	Size-dependent vibration of multi-scale sandwich micro-beams: An experimental study and theoretical analysis. <i>Thin-Walled Structures</i> , 2022 , 175, 109115	4.7	O
10	Nonlocal layerwise theory for bending, buckling and vibration analysis of functionally graded nanobeams. <i>Engineering With Computers</i> ,	4.5	1
9	Elastic wave attenuation in a functionally graded viscoelastic couple stress plate, sandwiched between two elastic half-spaces. <i>Applied Mathematical Modelling</i> , 2022 ,	4.5	1
8	Size-dependent vibrations of porous functionally graded rotating microplates under thermal environment. <i>European Journal of Mechanics, A/Solids</i> , 2022 , 104645	3.7	O
7	Nonlinear dynamic buckling and vibration of thermally post-buckled temperature-dependent FG porous nanobeams based on the nonlocal theory. <i>Physica Scripta</i> ,	2.6	O
6	Axisymmetric adhesive contact of multi-layer couple-stress elastic structures involving graded nanostructured materials. <i>Applied Mathematical Modelling</i> , 2022 , 111, 501-520	4.5	
5	Size-dependent analysis of porous multi-directional FG shell structures based on the modified couple stress theory using the unsymmetric finite element method.		O
4	Combined resonance of pulsatile flow-transporting FG nanotubes under forced excitation with movable boundary.		О
3	Wave propagation analysis in functionally graded metal foam plates with nanopores.		О
2	Analytical solutions for vibration of Bi-directional functionally graded nonlocal nanobeams. 2023 , 18, 101046		O
1	Torsional static and free vibration analysis of noncircular short-fiber-reinforced microwires with arbitrary boundary conditions.		О