Abdelouahed Tounsi

List of Publications by Year in Descending Order

290 papers	13,242 citations	67 h-index	105 g-index
300 ext. papers	14,570 ext. citations	2.9 avg, IF	7.24 L-index

#	Paper	IF	Citations
290	Mechanical behavior and free vibration analysis of FG doubly curved shells on elastic foundation via a new modified displacements field model of 2D and quasi-3D HSDTs. *Thin-Walled Structures*, **2022**, 172, 108783	4.7	12
289	Influence of the visco-Pasternak foundation parameters on the buckling behavior of a sandwich functional graded ceramic-metal plate in a hygrothermal environment. *Thin-Walled Structures*, **2022**, 170, 108549	4.7	32
288	Free vibration analysis of functionally graded doubly curved nanoshells using nonlocal first-order shear deformation theory with variable nonlocal parameters. *Thin-Walled Structures*, **2022**, 174, 109084	4.7	11
287	Dynamics of imperfect inhomogeneous nanoplate with exponentially-varying properties resting on viscoelastic foundation. *European Journal of Mechanics, A/Solids*, **2022**, 104649	3.7	5
286	An integral shear and normal deformation theory for bending analysis of functionally graded sandwich curved beams. *Archive of Applied Mechanics*, **2021**, 91, 4669-4691	2.2	1
285	Thermoelastic response of functionally graded sandwich plates using a simple integral HSDT. *Archive of Applied Mechanics*, **2021**, 91, 3403-3420	2.2	5
284	On the wave propagation of the multi-scale hybrid nanocomposite doubly curved viscoelastic panel. *Composite Structures*, **2021**, 255, 112947	5.3	24
283	Fundamental frequency analysis of functionally graded plates with temperature-dependent properties based on improved exponential-trigonometric two-dimensional higher shear deformation theory. *Archive of Applied Mechanics*, **2021**, 91, 859-881	2.2	1
282	Non-polynomial framework for stress and strain response of the FG-GPLRC disk using three-dimensional refined higher-order theory. *Engineering Structures*, **2021**, 228, 111496	4.7	76
281	On the vibrations of the imperfect sandwich higher-order disk with a lactic core using generalize differential quadrature method. *Composite Structures*, **2021**, 257, 113150	5.3	86
280	Wave propagation analysis of a ceramic-metal functionally graded sandwich plate with different porosity distributions in a hygro-thermal environment. *Composite Structures*, **2021**, 269, 114030	5.3	84
279	Static stability analysis of carbon nanotube reinforced polymeric composite doubly curved micro-shell panels. *Archives of Civil and Mechanical Engineering*, **2021**, 21, 1	3.4	29
278	Hygro-thermo-mechanical bending behavior of advanced functionally graded ceramic metal plate resting on a viscoelastic foundation. *Structures*, **2021**, 33, 2177-2189	3.4	45
277	Simplified analytical method for lateral torsional buckling assessment of RHS beams with web openings. *Structures*, **2021**, 34, 2848-2860	3.4	0
276	Application of exact continuum size-dependent theory for stability and frequency analysis of a curved cantilevered microtubule by considering viscoelastic properties. *Engineering With Computers* , **2020**, 37, 3629	4.5	60
275	Size dependent free vibration and buckling of multilayered carbon nanotubes reinforced composite nanoplates in thermal environment. *Mechanics Based Design of Structures and Machines*, **2020**, 1-29	1.7	19
274	Extremely large oscillation and nonlinear frequency of a multi-scale hybrid disk resting on nonlinear elastic foundation. *Thin-Walled Structures*, **2020**, 154, 106840	4.7	119

273	A comprehensive computational approach for nonlinear thermal instability of the electrically FG-GPLRC disk based on GDQ method. *Engineering With Computers*, **2020**, 1	4.5	70
272	Forced Axial Vibration of a Single-Walled Carbon Nanotube Embedded in Elastic Medium under Various Moving Forces. *Journal of Nano Research*, **2020**, 63, 112-133	1	9
271	On vibration of functionally graded sandwich nanoplates in the thermal environment. *Journal of Sandwich Structures and Materials*, **2020**, 109963622090979	2.1	22
270	Novel study on functionally graded anisotropic doubly curved nanoshells. *European Physical Journal Plus*, **2020**, 135, 1	3.1	15
269	Torsional dynamic response of viscoelastic SWCNT subjected to linear and harmonic torques with general boundary conditions via Eringen nonlocal differential model. *European Physical Journal Plus*, **2020**, 135, 1	3.1	14
268	Chaotic oscillation of a multi-scale hybrid nano-composites reinforced disk under harmonic excitation via GDQM. *Composite Structures*, **2020**, 252, 112737	5.3	68
267	A computational framework for propagated waves in a sandwich doubly curved nanocomposite panel. *Engineering With Computers*, **2020**, 1	4.5	60
266	Frequency simulation of viscoelastic multi-phase reinforced fully symmetric systems. *Engineering With Computers*, **2020**, 1	4.5	47
265	Chaotic simulation of the multi-phase reinforced thermo-elastic disk using GDQM. *Engineering With Computers*, **2020**, 1	4.5	62
264	Analytical modeling of bending and vibration of thick advanced composite plates using a four-variable quasi 3D HSDT. *Engineering With Computers*, **2020**, 36, 807-821	4.5	63
263	Thermodynamic behavior of functionally graded sandwich plates resting on different elastic foundation and with various boundary conditions. *Journal of Sandwich Structures and Materials*, **2019**, 109963621985128	2.1	2
262	Assessing the Effects of Porosity on the Bending, Buckling, and Vibrations of Functionally Graded Beams Resting on an Elastic Foundation by Using a New Refined Quasi-3D Theory. *Mechanics of Composite Materials*, **2019**, 55, 219-230	1.1	9
261	Static and Dynamic Behavior of Nanotubes-Reinforced Sandwich Plates Using (FSDT). *Journal of Nano Research*, **2019**, 57, 117-135	1	69
260	A New Hyperbolic Two-Unknown Beam Model for Bending and Buckling Analysis of a Nonlocal Strain Gradient Nanobeams. *Journal of Nano Research*, **2019**, 57, 175-191	1	23
259	Dynamic and stability analysis of functionally graded material sandwich plates in hygro-thermal environment using a simple higher shear deformation theory. *Journal of Sandwich Structures and Materials*, **2019**, 109963621984584	2.1	17
258	Resonance behavior of functionally graded polymer composite nanoplates reinforced with graphene nanoplatelets. *International Journal of Mechanical Sciences*, **2019**, 156, 94-105	5.5	83
257	Buckling analysis of porous FGM sandwich nanoplates due to heat conduction via nonlocal strain gradient theory. *Engineering Research Express*, **2019**, 1, 015022	0.9	19
256	A Novel Refined Plate Theory for Free Vibration Analyses of Single-Layered Graphene Sheets Lying on Winkler-Pasternak Elastic Foundations. *Journal of Nano Research*, **2019**, 58, 151-164	1	5

255	On pre-stressed functionally graded anisotropic nanoshell in magnetic field. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, **2019**, 41, 1	2	40
254	Effect of variable elastic foundations on static behavior of functionally graded plates using sinusoidal shear deformation. *Arabian Journal of Geosciences*, **2019**, 12, 1	1.8	4
253	Galerkin approach for buckling analysis of functionally graded anisotropic nanoplates/different boundary conditions. *Engineering With Computers*, **2019**, 35, 1297-1316	4.5	86
252	New 2D and quasi-3D shear deformation theories for free vibration of functionally graded plates on elastic foundations. *Composites Part B: Engineering*, **2019**, 159, 231-247	10	95
251	A refined quasi-3D shear deformation theory for thermo-mechanical behavior of functionally graded sandwich plates on elastic foundations. *Journal of Sandwich Structures and Materials*, **2019**, 21, 1906-1929	2.1	72
250	An analytical solution for bending, buckling and vibration responses of FGM sandwich plates. *Journal of Sandwich Structures and Materials*, **2019**, 21, 727-757	2.1	64
249	Variational approach for wave dispersion in anisotropic doubly-curved nanoshells based on a new nonlocal strain gradient higher order shell theory. *Thin-Walled Structures*, **2018**, 129, 251-264	4.7	127
248	Thermodynamic effect on the bending response of elastic foundation FG plate by using a novel four variable refined plate theory. *Journal of Thermal Stresses*, **2018**, 41, 1042-1062	2.2	0
247	A novel quasi-3D trigonometric plate theory for free vibration analysis of advanced composite plates. *Composite Structures*, **2018**, 184, 688-697	5.3	70
246	A New Four Variable Refined Shear Deformation Theory for Buckling and Vibration of Functionally Graded Plates **2018**, 34-43		
245	Analysis of non symmetric FG sandwich plates under Thermo-mechanical loading using a novel shear deformation theory with stretching effect. *MATEC Web of Conferences*, **2018**, 241, 01018	0.3	
244	Buckling Analysis of Orthotropic Nanoscale Plates Resting on Elastic Foundations. *Journal of Nano Research*, **2018**, 55, 42-56	1	24
243	Vibration Analysis of Nano Beam Using Differential Transform Method Including Thermal Effect. *Journal of Nano Research*, **2018**, 54, 1-14	1	36
242	Effect of thickness stretching and porosity on mechanical response of a functionally graded beams resting on elastic foundations. *International Journal of Mechanics and Materials in Design*, **2017**, 13, 71-84	2.5	100
241	Elasticity solution for a cantilever beam with exponentially varying properties. *Journal of Applied Mechanics and Technical Physics*, **2017**, 58, 354-361	0.6	8
240	Thermal effects on the instabilities of porous FGM box beams. *Engineering Structures*, **2017**, 134, 150-158	2.7	24
239	A Novel Nonlocal Four Variable Plate Theory for Thermal Stability of Single- layered Graphene Sheets Embedded in An Elastic Substrate Medium. *Current Nanomaterials*, **2017**, 1, 215-222	1.3	2
238	Buckling temperature of a single-walled boron nitride nanotubes using a novel nonlocal beam model. *Advances in Nano Research*, **2017**, 5, 1-12		6

237	A novel quasi-3D hyperbolic shear deformation theory for functionally graded thick rectangular plates on elastic foundation. *Geomechanics and Engineering*, **2017**, 12, 9-34		22
236	A non-polynomial four variable refined plate theory for free vibration of functionally graded thick rectangular plates on elastic foundation. *Steel and Composite Structures*, **2017**, 23, 317-330		4
235	A novel and simple HSDT for thermal buckling response of functionally graded sandwich plates. *Structural Engineering and Mechanics*, **2017**, 62, 401-415		2
234	A nonlocal quasi-3D theory for bending and free flexural vibration behaviors of functionally graded nanobeams. *Smart Structures and Systems*, **2017**, 19, 115-126		86
233	Thermal buckling analysis of cross-ply laminated plates using a simplified HSDT. *Smart Structures and Systems*, **2017**, 19, 289-297		65
232	Bending and free vibration analysis of functionally graded plates using a simple shear deformation theory and the concept the neutral surface position. *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, **2016**, 38, 265-275	2	131
231	A hyperbolic shear and normal deformation theory for deflection and stresses of FGM sandwich plate. *MATEC Web of Conferences*, **2016**, 83, 01007	0.3	0
230	On the thermal buckling of simply supported rectangular plates made of a sigmoid functionally graded Al/Al2O3 based material. *Mechanics of Solids*, **2016**, 51, 177-187	0.5	5
229	A novel five-variable refined plate theory for vibration analysis of functionally graded sandwich plates. *Mechanics of Advanced Materials and Structures*, **2016**, 23, 423-431	1.8	221
228	A New Higher Order Shear Deformation Model of Functionally Graded Beams Based on Neutral Surface Position. *Transactions of the Indian Institute of Metals*, **2016**, 69, 683-691	1.2	4
227	A simple hyperbolic shear deformation theory for vibration analysis of thick functionally graded rectangular plates resting on elastic foundations. *Geomechanics and Engineering*, **2016**, 11, 289-307		5
226	A refined theory with stretching effect for the flexure analysis of laminated composite plates. *Geomechanics and Engineering*, **2016**, 11, 671-690		45
225	A nonlocal zeroth-order shear deformation theory for free vibration of functionally graded nanoscale plates resting on elastic foundation. *Steel and Composite Structures*, **2016**, 20, 227-249		178
224	Size-dependent mechanical behavior of functionally graded trigonometric shear deformable nanobeams including neutral surface position concept. *Steel and Composite Structures*, **2016**, 20, 963-981		106
223	Buckling analysis of isotropic and orthotropic plates using a novel four variable refined plate theory. *Steel and Composite Structures*, **2016**, 21, 1287-1306		32
222	Thermal post-buckling behavior of imperfect temperature-dependent sandwich FGM plates resting on Pasternak elastic foundation. *Steel and Composite Structures*, **2016**, 22, 91-112		5
221	A new simple three-unknown sinusoidal shear deformation theory for functionally graded plates. *Steel and Composite Structures*, **2016**, 22, 257-276		88
220	A novel four variable refined plate theory for bending, buckling, and vibration of functionally graded plates. *Steel and Composite Structures*, **2016**, 22, 473-495		12

219	A novel four variable refined plate theory for laminated composite plates. *Steel and Composite Structures*, **2016**, 22, 713-732		5
218	A new five unknown quasi-3D type HSDT for thermomechanical bending analysis of FGM sandwich plates. *Steel and Composite Structures*, **2016**, 22, 975-999		3
217	Thermo-mechanical postbuckling of symmetric S-FGM plates resting on Pasternak elastic foundations using hyperbolic shear deformation theory. *Structural Engineering and Mechanics*, **2016**, 57, 617-639		16
216	An efficient shear deformation theory for wave propagation of functionally graded material plates. *Structural Engineering and Mechanics*, **2016**, 57, 837-859		64
215	Thermal stability of functionally graded sandwich plates using a simple shear deformation theory. *Structural Engineering and Mechanics*, **2016**, 58, 397-422		109
214	On thermal stability of plates with functionally graded coefficient of thermal expansion. *Structural Engineering and Mechanics*, **2016**, 60, 313-335		101
213	A new 3-unknowns non-polynomial plate theory for buckling and vibration of functionally graded sandwich plate. *Structural Engineering and Mechanics*, **2016**, 60, 547-565		54
212	Hygro-thermo-mechanical bending of S-FGM plates resting on variable elastic foundations using a four-variable trigonometric plate theory. *Smart Structures and Systems*, **2016**, 18, 755-786		106
211	An efficient and simple shear deformation theory for free vibration of functionally graded rectangular plates on Winkler-Pasternak elastic foundations. *Wind and Structures, an International Journal*, **2016**, 22, 329-348		7
210	Effect of porosity on vibrational characteristics of non-homogeneous plates using hyperbolic shear deformation theory. *Wind and Structures, an International Journal*, **2016**, 22, 429-454		20
209	Thermal stability analysis of solar functionally graded plates on elastic foundation using an efficient hyperbolic shear deformation theory. *Geomechanics and Engineering*, **2016**, 10, 357-386		2
208	A new refined nonlocal beam theory accounting for effect of thickness stretching in nanoscale beams. *Advances in Nano Research*, **2016**, 4, 251-264		2
207	Investigation of Thermal and Chirality Effects on Vibration of Single-Walled Carbon Nanotubes Embedded in a Polymeric Matrix Using Nonlocal Elasticity Theories. *Mechanics of Composite Materials*, **2016**, 52, 555-568	1.1	15
206	On the Thermal Buckling Characteristics of Armchair Single-Walled Carbon Nanotube Embedded in an Elastic Medium Based on Nonlocal Continuum Elasticity. *Brazilian Journal of Physics*, **2015**, 45, 225-233	1.2	34
205	Comment on "A four-variable refined plate theory for dynamic stability analysis of S-FGM plates based on physical neutral surface" *Composite Structures*, **2015**, 131, 842	5.3	1
204	A simple shear deformation theory based on neutral surface position for functionally graded plates resting on Pasternak elastic foundations. *Structural Engineering and Mechanics*, **2015**, 53, 1215-1240		18
203	Investigation of the Instability of FGM box beams. *Structural Engineering and Mechanics*, **2015**, 54, 579-595		8
202	Thermal Buckling Response of Functionally Graded Plates with Clamped Boundary Conditions. *Journal of Thermal Stresses*, **2015**, 38, 630-650	2.2	10

201	Finite element analysis of initially damaged beams repaired with FRP plates. *Composite Structures*, **2015**, 134, 429-439	5.3	20
200	A new hyperbolic shear deformation theory for bending and free vibration analysis of isotropic, functionally graded, sandwich and laminated composite plates. *Applied Mathematical Modelling*, **2015**, 39, 2489-2508	4.5	360
199	Thermal Effect on Vibration Characteristics of Armchair and Zigzag Single-Walled Carbon Nanotubes Using Nonlocal Parabolic Beam Theory. *Fullerenes Nanotubes and Carbon Nanostructures* , **2015**, 23, 266-272	1.8	22
198	Effect of the Chirality on Critical Buckling Temperature of Zigzag Single-walled Carbon Nanotubes Using the Nonlocal Continuum Theory. *Fullerenes Nanotubes and Carbon Nanostructures*, **2015**, 23, 518-522	1.8	24
197	The problem of wave propagation in magneto-rotating orthotropic non-homogeneous medium. *JVC/Journal of Vibration and Control*, **2015**, 21, 3281-3291	2	2
196	Analytical Study of Buckling of Hybrid Multilayer Plates. *Periodica Polytechnica, Mechanical Engineering*, **2015**, 59, 164-168	1.8	3
195	A new simple shear deformation theory for free vibration analysis of isotropic and FG plates under different boundary conditions. *Multidiscipline Modeling in Materials and Structures*, **2015**, 11, 437-470	2.2	5
194	A simple shear deformation theory for thermo-mechanical behaviour of functionally graded sandwich plates on elastic foundations. *Journal of Sandwich Structures and Materials*, **2015**, 17, 99-129	2.1	40
193	Size dependent bending and vibration analysis of functionally graded micro beams based on modified couple stress theory and neutral surface position. *Composite Structures*, **2015**, 125, 621-630	5.3	188
192	Nonlinear vibration properties of a zigzag single-walled carbon nanotube embedded in a polymer matrix. *Advances in Nano Research*, **2015**, 3, 29-37		67
191	On the bending and stability of nanowire using various HSDTs. *Advances in Nano Research*, **2015**, 3, 177-191		8
190	Effect of shear deformation on adhesive stresses in plated concrete beams: Analytical solutions. *Computers and Concrete*, **2015**, 15, 337-355		1
189	A new hyperbolic shear deformation plate theory for static analysis of FGM plate based on neutral surface position. *Geomechanics and Engineering*, **2015**, 8, 305-321		11
188	Free vibration analysis of functionally graded plates with temperature-dependent properties using various four variable refined plate theories. *Steel and Composite Structures*, **2015**, 18, 187-212		73
187	A sinusoidal plate theory with 5-unknowns and stretching effect for thermomechanical bending of functionally graded sandwich plates. *Steel and Composite Structures*, **2015**, 18, 235-253		170
186	A new simple shear and normal deformations theory for functionally graded beams. *Steel and Composite Structures*, **2015**, 18, 409-423		268
185	Bending and buckling analyses of functionally graded material (FGM) size-dependent nanoscale beams including the thickness stretching effect. *Steel and Composite Structures*, **2015**, 18, 425-442		150
184	Thermal buckling analysis of FG plates resting on elastic foundation based on an efficient and simple trigonometric shear deformation theory. *Steel and Composite Structures*, **2015**, 18, 443-465		18

183	A new higher order shear and normal deformation theory for functionally graded beams. *Steel and Composite Structures*, **2015**, 18, 793-809		25
182	On vibration properties of functionally graded nano-plate using a new nonlocal refined four variable model. *Steel and Composite Structures*, **2015**, 18, 1063-1081		161
181	Thermal stresses and deflections of functionally graded sandwich plates using a new refined hyperbolic shear deformation theory. *Steel and Composite Structures*, **2015**, 18, 1493-1515		35
180	Thermomechanical effects on the bending of antisymmetric cross-ply composite plates using a four variable sinusoidal theory. *Steel and Composite Structures*, **2015**, 19, 93-110		16
179	A computational shear displacement model for vibrational analysis of functionally graded beams with porosities. *Steel and Composite Structures*, **2015**, 19, 369-384		53
178	A new higher-order shear and normal deformation theory for functionally graded sandwich beams. *Steel and Composite Structures*, **2015**, 19, 521-546		46
177	Numerical analysis of FGM plates with variable thickness subjected to thermal buckling. *Steel and Composite Structures*, **2015**, 19, 679-695		15
176	On bending, buckling and vibration responses of functionally graded carbon nanotube-reinforced composite beams. *Steel and Composite Structures*, **2015**, 19, 1259-1277		48
175	Wave propagation in functionally graded plates with porosities using various higher-order shear deformation plate theories. *Structural Engineering and Mechanics*, **2015**, 53, 1143-1165		291
174	A mechanical response of functionally graded nanoscale beam: an assessment of a refined nonlocal shear deformation theory beam theory. *Structural Engineering and Mechanics*, **2015**, 54, 693-710		137
173	A n-order refined theory for bending and free vibration of functionally graded beams. *Structural Engineering and Mechanics*, **2015**, 54, 923-936		9
172	Buckling analysis in hybrid cross-ply composite laminates on elastic foundation using the two variable refined plate theory. *Structural Engineering and Mechanics*, **2015**, 55, 47-64		5
171	A new nonlocal hyperbolic shear deformation theory for nanobeams embedded in an elastic medium. *Structural Engineering and Mechanics*, **2015**, 55, 743-763		11
170	Thermo-mechanical post-buckling behavior of thick functionally graded plates resting on elastic foundations. *Structural Engineering and Mechanics*, **2015**, 56, 85-106		25
169	A nonlocal quasi-3D trigonometric plate model for free vibration behaviour of micro/nanoscale plates. *Structural Engineering and Mechanics*, **2015**, 56, 223-240		30
168	Free Vibration Analysis of Laminated Composite Plates Resting on Elastic Foundations by Using a Refined Hyperbolic Shear Deformation Theory. *Mechanics of Composite Materials*, **2014**, 49, 629-640	1.1	47
167	An Analysis of Interfacial Stresses in Steel Beams Bonded With a Thin Composite Plate Under Thermomechanical Loading. *Mechanics of Composite Materials*, **2014**, 49, 641-650	1.1	33
166	A new five-unknown refined theory based on neutral surface position for bending analysis of exponential graded plates. *Meccanica*, **2014**, 49, 795-810	2.1	67

165	Buckling Analysis of Chiral Single-Walled Carbon Nanotubes by Using the Nonlocal Timoshenko Beam Theory. *Mechanics of Composite Materials*, **2014**, 50, 95-104	1.1	22
164	An efficient and simple higher order shear and normal deformation theory for functionally graded material (FGM) plates. *Composites Part B: Engineering*, **2014**, 60, 274-283	10	341
163	Bending analysis of FGM plates under hygro-thermo-mechanical loading using a four variable refined plate theory. *Aerospace Science and Technology*, **2014**, 34, 24-34	4.9	295
162	A Timoshenko beam model for vibration analysis of chiral single-walled carbon nanotubes. *Physica E: Low-Dimensional Systems and Nanostructures*, **2014**, 59, 186-191	3	35
161	Effect of shear deformation on interfacial stress analysis in plated beams under arbitrary loading. *International Journal of Adhesion and Adhesives*, **2014**, 48, 1-13	3.4	18
160	Thermoelastic buckling response of thick functionally graded plates. *Journal of Applied Mechanics and Technical Physics*, **2014**, 55, 857-869	0.6	2
159	New Quasi-3D Hyperbolic Shear Deformation Theory for the Static and Free Vibration Analysis of Functionally Graded Plates. *Journal of Engineering Mechanics - ASCE*, **2014**, 140, 374-383	2.4	297
158	Influence of Temperature Change on Column Buckling of Double Walled Carbon Nanotubes Using Different Theories. *Energy Procedia*, **2014**, 50, 634-641	2.3	6
157	An efficient and simple refined theory for buckling and free vibration of exponentially graded sandwich plates under various boundary conditions. *Journal of Sandwich Structures and Materials*, **2014**, 16, 293-318	2.1	281
156	Chirality and scale effects on mechanical buckling properties of zigzag double-walled carbon nanotubes. *Composites Part B: Engineering*, **2014**, 57, 21-24	10	85
155	Free vibration analysis of non-symmetric FGM sandwich square plate resting on elastic foundations. *MATEC Web of Conferences*, **2014**, 16, 10005	0.3	
154	Effect of Deformation Delayed of the Concrete on the Seismic Response of Shear Walls Strengthened by Composites with a Sinusoidal Distribution of Fibers. *MATEC Web of Conferences*, **2014**, 11, 01037	0.3	
153	Buckling of Functionally Graded Nanobeams Based on the Nonlocal New First-Order Shear Deformation Beam Theory. *MATEC Web of Conferences*, **2014**, 11, 01024	0.3	1
152	A NOVEL HIGHER ORDER SHEAR AND NORMAL DEFORMATION THEORY BASED ON NEUTRAL SURFACE POSITION FOR BENDING ANALYSIS OF ADVANCED COMPOSITE PLATES. *International Journal of Computational Methods*, **2014**, 11, 1350082	1.1	170
151	AN INVESTIGATION ON THE CHARACTERISTICS OF BENDING, BUCKLING AND VIBRATION OF NANOBEAMS VIA NONLOCAL BEAM THEORY. *International Journal of Computational Methods*, **2014**, 11, 1350085	1.1	7
150	Effect of the tapered end of a FRP plate on the interfacial stresses in a strengthened beam used in civil engineering applications. *Mechanics of Composite Materials*, **2014**, 50, 467-476	1.1	7
149	A REFINED AND SIMPLE SHEAR DEFORMATION THEORY FOR THERMAL BUCKLING OF SOLAR FUNCTIONALLY GRADED PLATES ON ELASTIC FOUNDATION. *International Journal of Computational Methods*, **2014**, 11, 1350077	1.1	50
148	NONLINEAR BENDING ANALYSIS OF FUNCTIONALLY GRADED PLATES UNDER PRESSURE LOADS USING A FOUR VARIABLE REFINED PLATE THEORY. *International Journal of Computational Methods* , **2014**, 11, 1350062	1.1	7

147	Elasticity Solution for Bending Response of Functionally Graded Sandwich Plates Under Thermomechanical Loading. *Journal of Thermal Stresses*, **2014**, 37, 852-869	2.2	15
146	A Numerical Analysis of Steel Beams Strengthened with Composite Materials. *Mechanics of Composite Materials*, **2014**, 50, 491-500	1.1	3
145	A NEW SIMPLE HYPERBOLIC SHEAR DEFORMATION THEORY FOR FUNCTIONALLY GRADED PLATES RESTING ON WINKLER–PASTERNAK ELASTIC FOUNDATIONS. *International Journal of Computational Methods*, **2014**, 11, 1350098	1.1	6
144	Nonlinear cylindrical bending analysis of E-FGM plates with variable thickness. *Steel and Composite Structures*, **2014**, 16, 339-356		2
143	A higher order shear deformation theory for static and free vibration of FGM beam. *Steel and Composite Structures*, **2014**, 16, 507-519		27
142	A n-order four variable refined theory for bending and free vibration of functionally graded plates. *Steel and Composite Structures*, **2014**, 17, 21-46		25
141	A trigonometric four variable plate theory for free vibration of rectangular composite plates with patch mass. *Steel and Composite Structures*, **2014**, 17, 69-81		66
140	A novel first-order shear deformation theory for laminated composite plates. *Steel and Composite Structures*, **2014**, 17, 321-338		21
139	Effect of tapered-end shape of FRP sheets on stress concentration in strengthened beams under thermal load. *Steel and Composite Structures*, **2014**, 17, 601-621		1
138	A Finite-Element Model for the Lateral Stiffness and Vibration Characteristics of RC Shear Walls Strengthened with Composite Sheets: Creep and the Shrinkage Effect. *Mechanics of Composite Materials*, **2013**, 49, 181-192	1.1	3
137	An efficient and simple refined theory for nonlinear bending analysis of functionally graded sandwich plates. *Journal of Applied Mechanics and Technical Physics*, **2013**, 54, 847-856	0.6	3
136	Thermoelastic bending analysis of functionally graded sandwich plates using a new higher order shear and normal deformation theory. *International Journal of Mechanical Sciences*, **2013**, 76, 102-111	5.5	103
135	Elasticity Solution of a Cantilever Functionally Graded Beam. *Applied Composite Materials*, **2013**, 20, 1-15	2	17
134	Sound wave propagation in zigzag double-walled carbon nanotubes embedded in an elastic medium using nonlocal elasticity theory. *Physica E: Low-Dimensional Systems and Nanostructures*, **2013**, 48, 118-123	3	25
133	Fibers orientation optimization for concrete beam strengthened with a CFRP bonded plate: A coupled analytical–numerical investigation. *Engineering Structures*, **2013**, 56, 218-227	4.7	16
132	Thermal Buckling Behavior of Nanobeams Using an Efficient Higher-Order Nonlocal Beam Theory. *Journal of Nanomechanics & Micromechanics*, **2013**, 3, 37-42		73
131	Mathematical solution for nonlinear cylindrical bending of sigmoid functionally graded plates. *Journal of Applied Mechanics and Technical Physics*, **2013**, 54, 124-131	0.6	2
130	Free vibration analysis of thin and thick-walled FGM box beams. *International Journal of Mechanical Sciences*, **2013**, 66, 273-282	5.5	32

129	A refined trigonometric shear deformation theory for thermoelastic bending of functionally graded sandwich plates. *Aerospace Science and Technology*, **2013**, 24, 209-220	4.9	344
128	A new higher-order shear and normal deformation theory for the static and free vibration analysis of sandwich plates with functionally graded isotropic face sheets. *Journal of Sandwich Structures and Materials*, **2013**, 15, 671-703	2.1	130
127	Comparison of various refined nonlocal beam theories for bending, vibration and buckling analysis of nanobeams. *Structural Engineering and Mechanics*, **2013**, 48, 351-365		61
126	Nonlinear thermal buckling behavior of functionally graded plates using an efficient sinusoidal shear deformation theory. *Structural Engineering and Mechanics*, **2013**, 48, 547-567		50
125	Thermal buckling of functionally graded sandwich plates using a new hyperbolic shear displacement model. *Steel and Composite Structures*, **2013**, 15, 399-423		42
124	Mathematical Modeling and Optimization of Functionally Graded Structures. *Mathematical Problems in Engineering*, **2013**, 2013, 1-2	1.1	
123	An Efficient Shear Deformation Beam Theory Based on Neutral Surface Position for Bending and Free Vibration of Functionally Graded Beams#. *Mechanics Based Design of Structures and Machines*, **2013**, 41, 421-433	1.7	138
122	A NEW NONLOCAL BEAM THEORY WITH THICKNESS STRETCHING EFFECT FOR NANOBEAMS. *International Journal of Nanoscience*, **2013**, 12, 1350025	0.6	12
121	Nonlocal effects on thermal buckling properties of double-walled carbon nanotubes. *Advances in Nano Research*, **2013**, 1, 1-11		102
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