Abdelouahed Tounsi

List of Publications by Citations

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	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
289	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
288	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
287	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
286	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
285	A new hyperbolic shear deformation theory for buckling and vibration of functionally graded sandwich plate. *International Journal of Mechanical Sciences*, **2011**, 53, 237-247	5.5	293
284	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
283	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
282	A new simple shear and normal deformations theory for functionally graded beams. *Steel and Composite Structures*, **2015**, 18, 409-423		268
281	Thermomechanical bending response of FGM thick plates resting on Winkler-Pasternak elastic foundations. *Steel and Composite Structures*, **2013**, 14, 85-104		241
280	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
279	Sound wave propagation in single-walled carbon nanotubes using nonlocal elasticity. *Physica E: Low-Dimensional Systems and Nanostructures*, **2008**, 40, 2791-2799	3	219
278	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
277	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
276	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
275	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
274	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

273	A four variable refined plate theory for free vibrations of functionally graded plates with arbitrary gradient. *Composites Part B: Engineering*, **2011**, 42, 1386-1394	10	154
272	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
271	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
270	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
269	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
268	The thermal effect on vibration of single-walled carbon nanotubes using nonlocal Timoshenko beam theory. *Journal Physics D: Applied Physics*, **2008**, 41, 225404	3	131
267	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
266	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
265	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
264	A new four-variable refined plate theory for thermal buckling analysis of functionally graded sandwich plates. *Journal of Sandwich Structures and Materials*, **2012**, 14, 5-33	2.1	119
263	A theoretical analysis of flexional bending of Al/Al2O3 S-FGM thick beams. *Computational Materials Science*, **2009**, 44, 1344-1350	3.2	116
262	An analytical method for temperature-dependent free vibration analysis of functionally graded beams with general boundary conditions. *Composite Structures*, **2010**, 92, 1877-1887	5.3	112
261	Thermal stability of functionally graded sandwich plates using a simple shear deformation theory. *Structural Engineering and Mechanics*, **2016**, 58, 397-422		109
260	Improved theoretical solution for interfacial stresses in concrete beams strengthened with FRP plate. *International Journal of Solids and Structures*, **2006**, 43, 4154-4174	3.1	108
259	Static analysis of functionally graded short beams including warping and shear deformation effects. *Computational Materials Science*, **2008**, 44, 765-773	3.2	107
258	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
257	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
256	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

255	Nonlocal effects on thermal buckling properties of double-walled carbon nanotubes. *Advances in Nano Research*, **2013**, 1, 1-11		102
254	On thermal stability of plates with functionally graded coefficient of thermal expansion. *Structural Engineering and Mechanics*, **2016**, 60, 313-335		101
253	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
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	Nonlocal elasticity effect on column buckling of multiwalled carbon nanotubes under temperature field. *Applied Mathematical Modelling*, **2010**, 34, 3933-3942	4.5	89
250	A new simple three-unknown sinusoidal shear deformation theory for functionally graded plates. *Steel and Composite Structures*, **2016**, 22, 257-276		88
249	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
248	Galerkin□ approach for buckling analysis of functionally graded anisotropic nanoplates/different boundary conditions. *Engineering With Computers*, **2019**, 35, 1297-1316	4.5	86
247	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
246	Chirality and scale effects on mechanical buckling properties of zigzag double-walled carbon nanotubes. *Composites Part B: Engineering*, **2014**, 57, 21-24	10	85
245	Scale effect on wave propagation of double-walled carbon nanotubes with initial axial loading. *Nanotechnology*, **2008**, 19, 185703	3.4	84
244	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
243	Resonance behavior of functionally graded polymer composite nanoplates reinforced with graphene nanoplatelets. *International Journal of Mechanical Sciences*, **2019**, 156, 94-105	5.5	83
242	Effect of small size on wave propagation in double-walled carbon nanotubes under temperature field. *Journal of Applied Physics*, **2008**, 104, 104301	2.5	82
241	Free vibration of functionally graded sandwich plates using four-variable refined plate theory. *Applied Mathematics and Mechanics (English Edition)*, **2011**, 32, 925-942	3.2	80
240	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
239	Thermal Buckling Behavior of Nanobeams Using an Efficient Higher-Order Nonlocal Beam Theory. *Journal of Nanomechanics & Micromechanics*, **2013**, 3, 37-42		73
238	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

237	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
236	Free vibration analysis of functionally graded plates resting on Winkler–Pasternak elastic foundations using a new shear deformation theory. *International Journal of Mechanics and Materials in Design*, **2010**, 6, 113-121	2.5	71
235	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
234	A novel quasi-3D trigonometric plate theory for free vibration analysis of advanced composite plates. *Composite Structures*, **2018**, 184, 688-697	5.3	70
233	Static and Dynamic Behavior of Nanotubes-Reinforced Sandwich Plates Using (FSDT). *Journal of Nano Research*, **2019**, 57, 117-135	1	69
232	Interfacial stress analysis of steel beams reinforced with bonded prestressed FRP plate. *Engineering Structures*, **2008**, 30, 3305-3315	4.7	69
231	Free Vibration Behavior of Exponential Functionally Graded Beams with Varying Cross-section. *JVC/Journal of Vibration and Control*, **2011**, 17, 311-318	2	68
230	Effect of temperature and humidity on transient hygrothermal stresses during moisture desorption in laminated composite plates. *Composite Structures*, **2008**, 82, 629-635	5.3	68
229	Chaotic oscillation of a multi-scale hybrid nano-composites reinforced disk under harmonic excitation via GDQM. *Composite Structures*, **2020**, 252, 112737	5.3	68
228	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
227	Static Analysis of Functionally Graded Sandwich Plates Using an Efficient and Simple Refined Theory. *Chinese Journal of Aeronautics*, **2011**, 24, 434-448	3.7	67
226	A two variable refined plate theory for the bending analysis of functionally graded plates. *Acta Mechanica Sinica/Lixue Xuebao*, **2010**, 26, 941-949	2	67
225	Sound wave propagation in single-walled carbon nanotubes with initial axial stress. *Journal of Applied Physics*, **2008**, 104, 014301	2.5	67
224	Nonlinear vibration properties of a zigzag single-walled carbon nanotube embedded in a polymer matrix. *Advances in Nano Research*, **2015**, 3, 29-37		67
223	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
222	Thermal buckling analysis of cross-ply laminated plates using a simplified HSDT. *Smart Structures and Systems*, **2017**, 19, 289-297		65
221	Two-Variable Refined Plate Theory for Thermoelastic Bending Analysis of Functionally Graded Sandwich Plates. *Journal of Thermal Stresses*, **2011**, 34, 315-334	2.2	64
220	Interfacial stresses in FRP-plated RC beams: Effect of adherend shear deformations. *International Journal of Adhesion and Adhesives*, **2009**, 29, 343-351	3.4	64

219	Thermal Buckling of Functionally Graded Plates According to a Four-Variable Refined Plate Theory. *Journal of Thermal Stresses*, **2012**, 35, 677-694	2.2	64
218	An efficient shear deformation theory for wave propagation of functionally graded material plates. *Structural Engineering and Mechanics*, **2016**, 57, 837-859		64
217	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
216	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
215	Chaotic simulation of the multi-phase reinforced thermo-elastic disk using GDQM. *Engineering With Computers*, **2020**, 1	4.5	62
214	Comparison of various refined nonlocal beam theories for bending, vibration and buckling analysis of nanobeams. *Structural Engineering and Mechanics*, **2013**, 48, 351-365		61
213	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
212	A computational framework for propagated waves in a sandwich doubly curved nanocomposite panel. *Engineering With Computers*, **2020**, 1	4.5	60
211	Thermoelastic stability analysis of functionally graded plates: An analytical approach. *Computational Materials Science*, **2010**, 49, 865-870	3.2	59
210	Interfacial stresses in externally FRP-plated concrete beams. *International Journal of Adhesion and Adhesives*, **2007**, 27, 207-215	3.4	57
209	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
208	A computational shear displacement model for vibrational analysis of functionally graded beams with porosities. *Steel and Composite Structures*, **2015**, 19, 369-384		53
207	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
206	The thermal effect on vibration of zigzag single walled carbon nanotubes using nonlocal Timoshenko beam theory. *Computational Materials Science*, **2012**, 51, 252-260	3.2	50
205	Nonlinear thermal buckling behavior of functionally graded plates using an efficient sinusoidal shear deformation theory. *Structural Engineering and Mechanics*, **2013**, 48, 547-567		50
204	Two new refined shear displacement models for functionally graded sandwich plates. *Archive of Applied Mechanics*, **2011**, 81, 1507-1522	2.2	49
203	On bending, buckling and vibration responses of functionally graded carbon nanotube-reinforced composite beams. *Steel and Composite Structures*, **2015**, 19, 1259-1277		48
202	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

201	Frequency simulation of viscoelastic multi-phase reinforced fully symmetric systems. *Engineering With Computers*, **2020**, 1	4.5	47
200	Thermo-mechanical bending response with stretching effect of functionally graded sandwich plates using a novel shear deformation theory. *Steel and Composite Structures*, **2013**, 15, 221-245		46
199	A new higher-order shear and normal deformation theory for functionally graded sandwich beams. *Steel and Composite Structures*, **2015**, 19, 521-546		46
198	A refined theory with stretching effect for the flexure analysis of laminated composite plates. *Geomechanics and Engineering*, **2016**, 11, 671-690		45
197	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
196	Analytical Solutions for Static Shear Correction Factor of Functionally Graded Rectangular Beams. *Mechanics of Advanced Materials and Structures*, **2012**, 19, 641-652	1.8	43
195	Porosity-dependent vibration analysis of FG microplates embedded by polymeric nanocomposite patches considering hygrothermal effect via an innovative plate theory. *Engineering With Computers*,1	4.5	43
194	Thermal buckling of functionally graded sandwich plates using a new hyperbolic shear displacement model. *Steel and Composite Structures*, **2013**, 15, 399-423		42
193	Bending of thick functionally graded plates resting on Winkler–Pasternak elastic foundations. *Mechanics of Composite Materials*, **2010**, 46, 425-434	1.1	42
192	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
191	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
190	Mathematical solution for bending of short hybrid composite beams with variable fibers spacing. *Applied Mathematics and Computation*, **2009**, 212, 337-348	2.7	40
189	On the layerwise finite element formulation for static and free vibration analysis of functionally graded sandwich plates. *Engineering With Computers*,1	4.5	36
188	Vibration Analysis of Nano Beam Using Differential Transform Method Including Thermal Effect. *Journal of Nano Research*, **2018**, 54, 1-14	1	36
187	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
186	Nonlocal elasticity effect on vibration characteristics of protein microtubules. *Physica E: Low-Dimensional Systems and Nanostructures*, **2010**, 42, 2375-2379	3	35
185	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
184	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

183	Effect of temperature on the hygrothermal behaviour of unidirectional laminated plates with asymmetrical environmental conditions. *Composite Structures*, **2006**, 72, 383-392	5.3	34
182	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
181	Free vibration analysis of thin and thick-walled FGM box beams. *International Journal of Mechanical Sciences*, **2013**, 66, 273-282	5.5	32
180	Buckling analysis of isotropic and orthotropic plates using a novel four variable refined plate theory. *Steel and Composite Structures*, **2016**, 21, 1287-1306		32
179	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
178	Nonlinear damping and forced vibration analysis of laminated composite beams. *Composites Part B: Engineering*, **2012**, 43, 1147-1154	10	31
177	Vibration and length-dependent flexural rigidity of protein microtubules using higher order shear deformation theory. *Journal of Theoretical Biology*, **2010**, 266, 250-5	2.3	31
176	Analysis of transverse cracking and stiffness loss in cross-ply laminates with hygrothermal conditions. *Computational Materials Science*, **2005**, 32, 167-174	3.2	31
175	Buckling analysis of functionally graded hybrid composite plates using a new four variable refined plate theory. *Steel and Composite Structures*, **2012**, 13, 91-107		31
174	A nonlocal Levinson beam model for free vibration analysis of zigzag single-walled carbon nanotubes including thermal effects. *Solid State Communications*, **2011**, 151, 1467-1471	1.6	30
173	A nonlocal quasi-3D trigonometric plate model for free vibration behaviour of micro/nanoscale plates. *Structural Engineering and Mechanics*, **2015**, 56, 223-240		30
172	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
171	A new first shear deformation beam theory based on neutral surface position for functionally graded beams. *Steel and Composite Structures*, **2013**, 15, 467-479		28
170	A new trigonometric shear deformation theory for bending analysis of functionally graded plates resting on elastic foundations. *KSCE Journal of Civil Engineering*, **2011**, 15, 1405-1414	1.9	27
169	Analytical modelling of thermal residual stresses in exponential functionally graded material system. *Materials & Design*, **2010**, 31, 560-563		27
168	A higher order shear deformation theory for static and free vibration of FGM beam. *Steel and Composite Structures*, **2014**, 16, 507-519		27
167	Thermal effect on wave propagation in double-walled carbon nanotubes embedded in a polymer matrix using nonlocal elasticity. *Physica E: Low-Dimensional Systems and Nanostructures*, **2011**, 43, 1379-1386	3	26
166	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

165	Comment on 'Vibration analysis of fluid-conveying double-walled carbon nanotubes based on nonlocal elastic theory'. *Journal of Physics Condensed Matter*, **2009**, 21, 448001	1.8	25
164	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
163	A new higher order shear and normal deformation theory for functionally graded beams. *Steel and Composite Structures*, **2015**, 18, 793-809		25
162	Thermo-mechanical post-buckling behavior of thick functionally graded plates resting on elastic foundations. *Structural Engineering and Mechanics*, **2015**, 56, 85-106		25
161	Thermal effects on the instabilities of porous FGM box beams. *Engineering Structures*, **2017**, 134, 150-158	4.7	24
160	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
159	Some observations on the evolution of transversal hygroscopic stresses in laminated composites plates: effect of anisotropy. *Composite Structures*, **2003**, 59, 445-454	5.3	24
158	Transverse cracking and elastic properties reduction in hygrothermal aged cross-ply laminates. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2005**, 396, 369-375	5.3	24
157	Nonlinear cylindrical bending of functionally graded carbon nanotube-reinforced composite plates. *Steel and Composite Structures*, **2012**, 12, 491-504		24
156	On the wave propagation of the multi-scale hybrid nanocomposite doubly curved viscoelastic panel. *Composite Structures*, **2021**, 255, 112947	5.3	24
155	Buckling Analysis of Orthotropic Nanoscale Plates Resting on Elastic Foundations. *Journal of Nano Research*, **2018**, 55, 42-56	1	24
154	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
153	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
152	On vibration of functionally graded sandwich nanoplates in the thermal environment. *Journal of Sandwich Structures and Materials*, **2020**, 109963622090979	2.1	22
151	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
150	Approximate analysis of the interfacial stress concentrations in FRP-RC hybrid beams. *Composite Interfaces*, **2006**, 13, 561-571	2.3	22
149	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
148	Creep and shrinkage effect on adhesive stresses in RC beams strengthened with composite laminates. *Composites Science and Technology*, **2007**, 67, 933-942	8.6	21

147	A novel first-order shear deformation theory for laminated composite plates. *Steel and Composite Structures*, **2014**, 17, 321-338		21
146	Dynamic stability/instability simulation of the rotary size-dependent functionally graded microsystem. *Engineering With Computers*,1	4.5	21
145	Finite element analysis of initially damaged beams repaired with FRP plates. *Composite Structures*, **2015**, 134, 429-439	5.3	20
144	Simplified Method for Prediction of Transient Hygroscopic Stresses in Polymer Matrix Composites with Symmetric Environmental Conditions. *Applied Composite Materials*, **2003**, 10, 1-18	2	20
143	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
142	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
141	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
140	Mathematical solution for free vibration of sigmoid functionally graded beams with varying cross-section. *Steel and Composite Structures*, **2011**, 11, 489-504		19
139	A New Higher Order Shear Deformation Model for Static Behavior of Functionally Graded Plates. *Advances in Applied Mathematics and Mechanics*, **2013**, 5, 351-364	2.1	19
138	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
137	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
136	Seismic behavior of RC coupled shear walls repaired with CFRP laminates having variable fibers spacing. *Construction and Building Materials*, **2007**, 21, 1661-1671	6.7	18
135	Deformation of short composite beam using refined theories. *Journal of Mathematical Analysis and Applications*, **2008**, 346, 468-479	1.1	18
134	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
133	An integral four-variable hyperbolic HSDT for the wave propagation investigation of a ceramic-metal FGM plate with various porosity distributions resting on a viscoelastic foundation. *Waves in Random and Complex Media*,1-24	1.9	18
132	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
131	Elasticity Solution of a Cantilever Functionally Graded Beam. *Applied Composite Materials*, **2013**, 20, 1-152		17
130	A simplified approach for seismic calculation of a tall building braced by shear walls and thin-walled open section structures. *Engineering Structures*, **2007**, 29, 2576-2585	4.7	17

129	Prediction of stiffness degradation in hygrothermal aged [h/90n]S composite laminates with transverse cracking. *Journal of Materials Processing Technology*, **2008**, 199, 199-205	5.3	17
128	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
127	On the transverse cracking and stiffness degradation of aged angle-ply laminates. *Materials Letters*, **2006**, 60, 2561-2564	3.3	16
126	The effect of a bonded hygrothermal aged composite patch on the stress intensity factor for repairing cracked metallic structures. *Composite Structures*, **2003**, 62, 171-176	5.3	16
125	A New Computational Method for Prediction of Transient Hygroscopic Stresses during Moisture Desorption in Laminated Composite Plates with Different Degrees of Anisotropy. *Journal of Thermoplastic Composite Materials*, **2005**, 18, 37-58	1.9	16
124	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
123	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
122	Novel study on functionally graded anisotropic doubly curved nanoshells. *European Physical Journal Plus*, **2020**, 135, 1	3.1	15
121	Elasticity Solution for Bending Response of Functionally Graded Sandwich Plates Under Thermomechanical Loading. *Journal of Thermal Stresses*, **2014**, 37, 852-869	2.2	15
120	Controlling thermal deformation by using composite materials having variable fiber volume fraction. *Materials & Design*, **2009**, 30, 2532-2537		15
119	Effect of transverse cracking on stiffness reduction of hygrothermal aged cross-ply laminates. *Materials & Design*, **2007**, 28, 1116-1123		15
118	Effects of the Accelerated Moisture Diffusivity on the Hygrothermal Behavior on a Laminated Plate with Symmetrical Environmental Conditions. *Journal of Thermal Stresses*, **2005**, 28, 889-910	2.2	15
117	Large deformation analysis for functionally graded carbon nanotube-reinforced composite plates using an efficient and simple refined theory. *Steel and Composite Structures*, **2013**, 14, 335-347		15
116	Numerical analysis of FGM plates with variable thickness subjected to thermal buckling. *Steel and Composite Structures*, **2015**, 19, 679-695		15
115	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
114	Torsional dynamic response of viscoelastic SWCNT subjected to linear and harmonic torques with general boundary conditions via Eringen's nonlocal differential model. *European Physical Journal Plus*, **2020**, 135, 1	3.1	14
113	Sound wave propagation in armchair single walled carbon nanotubes under thermal environment. *Journal of Applied Physics*, **2011**, 110, 124322	2.5	14
112	Lateral stiffness and vibration characteristics of composite plated RC shear walls with variable fibres spacing. *Materials & Design*, **2008**, 29, 1955-1964		14

111	Stiffness Degradation in Hygrothermal Aged Cross-Ply Laminate with Transverse Cracks. *AIAA Journal*, **2005**, 43, 1836-1843	2.1	14
110	Effect of transverse cracks on the mechanical properties of angle-ply composites laminates. *Theoretical and Applied Fracture Mechanics*, **2006**, 45, 72-78	3.7	14
109	A four variable refined plate theory for nonlinear cylindrical bending analysis of functionally graded plates under thermomechanical loadings. *Journal of Mechanical Science and Technology*, **2012**, 26, 4073-4079	1.6	13
108	Elastic analysis of interfacial stresses for the design of a strengthened FRP plate bonded to an RC beam. *International Journal of Adhesion and Adhesives*, **2010**, 30, 636-642	3.4	13
107	A NEW NONLOCAL BEAM THEORY WITH THICKNESS STRETCHING EFFECT FOR NANOBEAMS. *International Journal of Nanoscience*, **2013**, 12, 1350025	0.6	12
106	Influence of anisotropy on the transient hygroscopic stresses in polymer matrix composites with cyclic environmental conditions. *Composite Structures*, **2002**, 55, 393-405	5.3	12
105	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
104	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
103	Finite element modelling of sandwich box column with viscoelastic layer for passive vibrations control under seismic loading. *Thin-Walled Structures*, **2012**, 51, 174-185	4.7	11
102	Interfacial Stresses in Plated Beams with Exponentially-Varying Properties. *Journal of Adhesion Science and Technology*, **2010**, 24, 1063-1081	2	11
101	A New Hyperbolic Shear Deformation Theory for Bending Analysis of Functionally Graded Plates. *Modelling and Simulation in Engineering*, **2012**, 2012, 1-10	1.3	11
100	Vibration characteristics of tall buildings braced by shear walls and thin-walled open-section structures. *Structural Design of Tall and Special Buildings*, **2008**, 17, 203-216	1.8	11
99	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
98	A new nonlocal hyperbolic shear deformation theory for nanobeams embedded in an elastic medium. *Structural Engineering and Mechanics*, **2015**, 55, 743-763		11
97	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
96	Thermal Buckling Response of Functionally Graded Plates with Clamped Boundary Conditions. *Journal of Thermal Stresses*, **2015**, 38, 630-650	2.2	10
95	Thermal Buckling of Simply Supported FGM Square Plates. *Applied Mechanics and Materials*, **2011**, 61, 25-32	0.3	10
94	Evolution of the stress intensity factor for patched crack with bonded hygrothermal aged composite repair. *Materials & Design*, **2007**, 28, 287-293		10

93	Time-dependent behavior of RC beams strengthened with externally bonded FRP plates: interfacial stresses analysis. *Mechanics of Time-Dependent Materials*, **2007**, 11, 231-248	1.2	10
92	Lateral stiffness and vibration characteristics of RC shear walls bonded with thin composite plates. *Composite Structures*, **2006**, 73, 110-119	5.3	10
91	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
90	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
89	Natural frequencies of composite beams with a variable fiber volume fraction including rotary inertia and shear deformation. *Applied Mathematics and Mechanics (English Edition)*, **2009**, 30, 717-726	3.2	9
88	Effect of the Cyclic Environmental Conditions on the Hygrothermal Behavior of the Symmetric Hybrid Composites. *Mechanics of Advanced Materials and Structures*, **2006**, 13, 237-248	1.8	9
87	A n-order refined theory for bending and free vibration of functionally graded beams. *Structural Engineering and Mechanics*, **2015**, 54, 923-936		9
86	An efficient computational model for vibration behavior of a functionally graded sandwich plate in a hygrothermal environment with viscoelastic foundation effects. *Engineering With Computers*,1	4.5	9
85	Elasticity solution for a cantilever beam with exponentially varying properties. *Journal of Applied Mechanics and Technical Physics*, **2017**, 58, 354-361	0.6	8
84	Investigation of the Instability of FGM box beams. *Structural Engineering and Mechanics*, **2015**, 54, 579-595		8
83	On the Reduction of the Interfacial Stresses in a Repaired Beam with an Adhesively Bonded FRP Plate. *Composite Interfaces*, **2010**, 17, 1-14	2.3	8
82	Lateral stiffness and vibration characteristics of damaged RC coupled shear walls strengthened with thin composite plates. *Building and Environment*, **2007**, 42, 3596-3605	6.5	8
81	On the bending and stability of nanowire using various HSDTs. *Advances in Nano Research*, **2015**, 3, 177-191		8
80	The role of spatial variation of the nonlocal parameter on the free vibration of functionally graded sandwich nanoplates. *Engineering With Computers*,1	4.5	8
79	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
78	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
77	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
76	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

75	A three-unknown refined shear beam element model for buckling analysis of functionally graded curved sandwich beams. *Engineering With Computers*,1	4.5	7
74	Dynamic Properties of Nonlocal Temperature-Dependent FG Nanobeams under Various Thermal Environments. *Transport in Porous Media*,1	3.1	7
73	Influence of Temperature Change on Column Buckling of Double Walled Carbon Nanotubes Using Different Theories. *Energy Procedia*, **2014**, 50, 634-641	2.3	6
72	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
71	Earthquake Response of RC Coupled Shear Walls Strengthened with Thin Composite Plates. *JVC/Journal of Vibration and Control*, **2009**, 15, 963-984	2	6
70	Buckling temperature of a single-walled boron nitride nanotubes using a novel nonlocal beam model. *Advances in Nano Research*, **2017**, 5, 1-12		6
69	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
68	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
67	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
66	Analysis of the transverse cracking in hybrid cross-ply composite laminates. *Computational Materials Science*, **2009**, 46, 1102-1108	3.2	5
65	An improved closed-form solution to interfacial stresses in rc beams strengthened with a composite plate. *Mechanics of Composite Materials*, **2010**, 46, 331-340	1.1	5
64	Effect of transverse cracks on the effective thermal expansion coefficient of aged angle-ply composites laminates. *Theoretical and Applied Fracture Mechanics*, **2007**, 48, 32-40	3.7	5
63	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
62	Effect of tapered-end shape of FRP sheets on stress concentration in strengthened beams. *Steel and Composite Structures*, **2011**, 11, 435-454		5
61	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
60	A novel four variable refined plate theory for laminated composite plates. *Steel and Composite Structures*, **2016**, 22, 713-732		5
59	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
58	Thermoelastic response of functionally graded sandwich plates using a simple integral HSDT. *Archive of Applied Mechanics*, **2021**, 91, 3403-3420	2.2	5

57	Dynamics of imperfect inhomogeneous nanoplate with exponentially-varying properties resting on viscoelastic foundation. *European Journal of Mechanics, A/Solids*, **2022**, 104649	3.7	5
56	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
55	Stability Analysis of Functionally Graded Plates Subject to Thermal Loads. *Advanced Structured Materials*, **2011**, 669-680	0.6	4
54	Interfacial stress concentrations in FRP-damaged RC hybrid beams. *Composite Interfaces*, **2008**, 15, 425-440	2.9	4
53	Interfacial stresses in damaged RC beams strengthened with externally bonded CFRP plate. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2006**, 432, 12-19	5.3	4
52	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
51	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
50	A Finite-Element Model for the Lateral Stiffness and Vibration Characteristics of R Shear Walls Strengthened with Composite Sheets: Creep and the Shrinkage Effect. *Mechanics of Composite Materials*, **2013**, 49, 181-192	1.1	3
49	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
48	Analytical Study of Buckling of Hybrid Multilayer Plates. *Periodica Polytechnica, Mechanical Engineering*, **2015**, 59, 164-168	1.8	3
47	A Numerical Analysis of Steel Beams Strengthened with Composite Materials. *Mechanics of Composite Materials*, **2014**, 50, 491-500	1.1	3
46	Analytical analysis of interfacial stresses in FRP-RC hybrid beams with time-dependent deformations of RC beam. *Acta Mechanica Solida Sinica*, **2011**, 24, 519-526	2	3
45	Electro-elastic stresses in composite active beams with functionally graded layer. *Computational Materials Science*, **2010**, 48, 366-371	3.2	3
44	Stress analysis of steel beams strengthened with a bonded hygrothermal aged composite plate. *International Journal of Mechanics and Materials in Design*, **2009**, 5, 143-156	2.5	3
43	Effect of transverse cracks on the elastic properties of high temperature angle-ply laminated composites. *Computational Materials Science*, **2006**, 37, 470-475	3.2	3
42	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
41	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
40	The problem of wave propagation in magneto-rotating orthotropic non-homogeneous medium. *JVC/Journal of Vibration and Control*, **2015**, 21, 3281-3291	2	2

39	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
38	Thermoelastic buckling response of thick functionally graded plates. *Journal of Applied Mechanics and Technical Physics*, **2014**, 55, 857-869	0.6	2
37	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
36	Approximate analysis of adhesive stresses in the adhesive layer of plated RC beams. *Computational Materials Science*, **2009**, 46, 15-20	3.2	2
35	Thermal impact and the fiber orientation effect of structures reinforced by composites FRP, the new prestressed laminates model. *Journal of Thermoplastic Composite Materials*, **2012**, 25, 491-504	1.9	2
34	Analysis of Adhesion Stresses for the Design of RC Beam Bonded with Thin Composite Plate. *Multidiscipline Modeling in Materials and Structures*, **2007**, 3, 55-69	2.2	2
33	Nonlinear cylindrical bending analysis of E-FGM plates with variable thickness. *Steel and Composite Structures*, **2014**, 16, 339-356		2
32	A novel and simple HSDT for thermal buckling response of functionally graded sandwich plates. *Structural Engineering and Mechanics*, **2017**, 62, 401-415		2
31	Investigation on the effect of porosity on wave propagation in FGM plates resting on elastic foundations via a quasi-3D HSDT. *Waves in Random and Complex Media*,1-27	1.9	2
30	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
29	A new refined nonlocal beam theory accounting for effect of thickness stretching in nanoscale beams. *Advances in Nano Research*, **2016**, 4, 251-264		2
28	Analytical investigation of wave propagation in bidirectional FG sandwich porous plates lying on an elastic substrate. *Waves in Random and Complex Media*,1-23	1.9	2
27	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
26	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
25	Impact of the Fiber-reinforced Plastic (FRP) and the Thermal Effect for the Interfacial Stresses. *Journal of Reinforced Plastics and Composites*, **2010**, 29, 921-935	2.9	1
24	Influence of Adhesive Characteristics on the Interfacial Stress Concentrations in Externally FRP Plated Steel Beams. *Composite Interfaces*, **2010**, 17, 283-300	2.3	1
23	A Theoretical Improved Adhesively Bonded Bi-material Beam Model for FRP-RC Hybrid Beams. *Journal of Adhesion Science and Technology*, **2011**, 25, 1245-1259	2	1
22	Solution Amélioré Pour La Détermination Des Contraintes d'interfaces d'une Poutre En Béton Armé Renforcé Avec Une Plaque En Composite.. *MATEC Web of Conferences*, **2012**, 2, 02004	0.3	1

21	Effect of shear deformation on adhesive stresses in plated concrete beams: Analytical solutions. *Computers and Concrete*, **2015**, 15, 337-355		1
20	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
19	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
18	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
17	Wave propagation analysis of functionally graded nanoplates using nonlocal higher-order shear deformation theory with spatial variation of the nonlocal parameters. *Waves in Random and Complex Media*,1-21	1.9	1
16	Wave propagation in carbon nanotube-reinforced nanocomposite doubly-curved shells resting on a viscoelastic foundation. *Waves in Random and Complex Media*,1-24	1.9	1
15	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
14	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
13	Finite element method for axial and bending coupling effect on free vibration response of functionally graded beams under thermal environment. *Mechanics of Advanced Materials and Structures*,1-15	1.8	0
12	Simplified analytical method for lateral torsional buckling assessment of RHS beams with web openings. *Structures*, **2021**, 34, 2848-2860	3.4	0
11	Assessing effects of parameters of viscoelastic foundation on the dynamic response of functionally graded plates using a novel HSDT theory. *Mechanics of Advanced Materials and Structures*,1-15	1.8	0
10	A New Four Variable Refined Shear Deformation Theory for Buckling and Vibration of Functionally Graded Plates **2018**, 34-43		
9	Free vibration analysis of non-symmetric FGM sandwich square plate resting on elastic foundations. *MATEC Web of Conferences*, **2014**, 16, 10005	0.3	
8	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	
7	Mathematical Modeling and Optimization of Functionally Graded Structures. *Mathematical Problems in Engineering*, **2013**, 2013, 1-2	1.1	
6	A New Approach for Adhesive Stress Analysis of a Beam Bonded with Composite Plate Having Variable Fiber Spacing. *Composite Interfaces*, **2011**, 18, 135-149	2.3	
5	On the Effect of Time-Dependent Deformations on the Interface Behaviour of RC Beams Strengthened by FRP Plates. *Journal of Adhesion Science and Technology*, **2011**, 25, 1909-1924	2	
4	Interfacial stresses in externally FRP-plated structures: effect of shear deformations and fiber orientation. *Mecanique Et Industries*, **2009**, 10, 325-335		

3	Dynamic behaviour of stiffened and damaged coupled shear walls. *Computers and Concrete*, **2006**, 3, 285-299	
2	Effect of hygrothermal relaxation stresses during ageing for composite plates. *Materiaux Et Techniques*, **2011**, 99, 305-316	0.6
1	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