

Ashraf M Zenkour

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

349
papers

9,386
citations

48
h-index

76
g-index

358
ext. papers

10,637
ext. citations

2.8
avg, IF

7.77
L-index

#	Paper	IF	Citations
349	A Quasi-3D Higher-Order Theory for Bending of FG Nanoplates Embedded in an Elastic Medium in a Thermal Environment. <i>Mathematics</i> , 2022 , 10, 234	2.3	0
348	A parametric analysis of free vibration and bending behavior of sandwich beam containing an open-cell metal foam core. <i>Archives of Civil and Mechanical Engineering</i> , 2022 , 22, 1	3.4	2
347	Bending and free vibration analysis of symmetric and unsymmetric functionally graded CNT reinforced sandwich beams containing softcore. <i>Thin-Walled Structures</i> , 2022 , 170, 108626	4.7	11
346	Buckling Response of Functionally Graded Porous Plates Due to a Quasi-3D Refined Theory. <i>Mathematics</i> , 2022 , 10, 565	2.3	0
345	A Quasi-3D Refined Theory for the Vibration of Functionally Graded Plates Resting on Visco-Winkler-Pasternak Foundations. <i>Mathematics</i> , 2022 , 10, 716	2.3	2
344	Finite element modeling of free vibration of cracked nanoplates with flexoelectric effects. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	3
343	Thermoelastic Coupling Response of an Unbounded Solid with a Cylindrical Cavity Due to a Moving Heat Source. <i>Mathematics</i> , 2022 , 10, 9	2.3	2
342	Active control of a sandwich plate with reinforced magnetostrictive faces and viscoelastic core, resting on elastic foundation. <i>Journal of Intelligent Material Systems and Structures</i> , 2022 , 33, 1321-1337	2.3	1
341	Propagation of non-stationary kinematic disturbances from a spherical cavity in the pseudo-elastic cosserat medium. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	2
340	Hygrothermal vibration of a laminated sandwich plate with magnetostrictive faces and a homogeneous core. <i>Polymer Composites</i> , 2021 , 42, 6672	3	0
339	Reflection of photothermoelastic waves in a semiconductor material with different relaxations. <i>Indian Journal of Physics</i> , 2021 , 95, 51-59	1.4	1
338	Quasi-3D Refined Theory for Functionally Graded Porous Plates: Vibration Analysis. <i>Physical Mesomechanics</i> , 2021 , 24, 243-256	1.6	6
337	Thermoelastic response of non-simple solid cylinder with variable properties under a continuous line heat source. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021 , 43, 1	2	1
336	Extended four-unknown higher-order shear deformation nonlocal theory for bending, buckling and free vibration of functionally graded porous nanoshell resting on elastic foundation. <i>Composite Structures</i> , 2021 , 264, 113737	5.3	32
335	Nonlinear hygrothermal effects on the vibrations of a magnetostrictive viscoelastic laminated sandwich plate resting on an elastic medium. <i>Archives of Civil and Mechanical Engineering</i> , 2021 , 21, 1	3.4	1
334	Frequency control of cross-ply magnetostrictive viscoelastic plates resting on Kerr-type elastic medium. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	4
333	Hygro-thermo-electro-mechanical bending analysis of sandwich plates with FG core and piezoelectric faces. <i>Mechanics of Advanced Materials and Structures</i> , 2021 , 28, 282-294	1.8	12

332	Quasi-3D theory for the vibration of a magnetostrictive laminated plate on elastic medium with viscoelastic core and faces. <i>Composite Structures</i> , 2021 , 257, 113091	5.3	10
331	Hygrothermal vibration of adaptive composite magnetostrictive laminates supported by elastic substrate medium. <i>European Journal of Mechanics, A/Solids</i> , 2021 , 85, 104140	3.7	11
330	Hygrothermal forced vibration of a viscoelastic laminated plate with magnetostrictive actuators resting on viscoelastic foundations. <i>International Journal of Mechanics and Materials in Design</i> , 2021 , 17, 301-320	2.5	12
329	Effect of porosity on the bending of functionally graded plates integrated with PFRC layer. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	3
328	An efficient eight-node quadrilateral element for free vibration analysis of multilayer sandwich plates. <i>International Journal for Numerical Methods in Engineering</i> , 2021 , 122, 2360-2387	2.4	16
327	A compressive study for porous FG curved nanobeam under various boundary conditions via a nonlocal strain gradient theory. <i>European Physical Journal Plus</i> , 2021 , 136, 1	3.1	16
326	Quasi-3D theory for the vibration and deflection of a magnetostrictive composite plate resting on a viscoelastic medium. <i>Composite Structures</i> , 2021 , 269, 114028	5.3	4
325	Effects of variable harmonic heat and photothermal elasticity on an infinitely long solid semiconductor cylinder. <i>Journal of the Korean Physical Society</i> , 2021 , 79, 725	0.6	
324	Estimation of carbon nanotubes and their applications as reinforcing composite materials: An engineering review. <i>Composite Structures</i> , 2021 , 272, 114234	5.3	27
323	Buckling of cracked FG plate resting on elastic foundation considering the effect of delamination phenomenon. <i>Composite Structures</i> , 2021 , 273, 114278	5.3	4
322	An electromechanical model for functionally graded porous plates attached to piezoelectric layer based on hyperbolic shear and normal deformation theory. <i>Composite Structures</i> , 2021 , 274, 114352	5.3	0
321	An efficient higher order non-polynomial quasi 3-D theory for dynamic responses of laminated composite plates [Composite Structures 189 (2018) 386-397]. <i>Composite Structures</i> , 2021 , 274, 114501	5.3	1
320	Biogeometric thermal postbuckling analysis of porous FGM quasi-3D nanoplates having cutouts with different shapes based upon surface stress elasticity [Composite Structures 262 (2021) 113604]. <i>Composite Structures</i> , 2021 , 274, 114555	5.3	1
319	Control of a laminated composite plate resting on Pasternak foundations using magnetostrictive layers. <i>Archive of Applied Mechanics</i> , 2020 , 90, 1943-1959	2.2	15
318	Nonlocal mixed variational formula for orthotropic nanoplates resting on elastic foundations. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	10
317	A two-unknown nonlocal shear and normal deformations theory for buckling analysis of nanorods. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020 , 42, 1	2	6
316	A laser pulse impactful on a half-space using the modified TPL G-N models. <i>Scientific Reports</i> , 2020 , 10, 4417	4.9	8
315	Quasi-3D Refined Theory for Functionally Graded Porous Plates: Displacements and Stresses. <i>Physical Mesomechanics</i> , 2020 , 23, 39-53	1.6	27

3 ¹⁴	Thermal-shock problem for a hollow cylinder via a multi-dual-phase-lag theory. <i>Journal of Thermal Stresses</i> , 2020 , 43, 687-706	2.2	11
3 ¹³	Vibration of carbon nanotube-reinforced plates via refined nth-higher-order theory. <i>Archive of Applied Mechanics</i> , 2020 , 90, 1755-1769	2.2	20
3 ¹²	A quasi-3D higher-order plate theory for bending of FG plates resting on elastic foundations under hygro-thermo-mechanical loads with porosity. <i>European Journal of Mechanics, A/Solids</i> , 2020 , 82, 103985	3.7	27
3 ¹¹	On a multi-phase-lag model of coupled thermoelasticity. <i>International Communications in Heat and Mass Transfer</i> , 2020 , 116, 104722	5.8	10
3 ¹⁰	Hygro-thermo-mechanical buckling of laminated beam using hyperbolic refined shear deformation theory. <i>Composite Structures</i> , 2020 , 252, 112689	5.3	14
3 ⁰⁹	Temperature dependent thermomechanical bending response of functionally graded sandwich plates. <i>Engineering Research Express</i> , 2020 , 2, 015006	0.9	10
3 ⁰⁸	Exact coupled solution for photothermal semiconducting beams using a refined multi-phase-lag theory. <i>Optics and Laser Technology</i> , 2020 , 128, 106233	4.2	15
3 ⁰⁷	A Nonlocal Strain Gradient Theory for Porous Functionally Graded Curved Nanobeams under Different Boundary Conditions. <i>Physical Mesomechanics</i> , 2020 , 23, 601-615	1.6	7
3 ⁰⁶	Thermoelastic interactions in a hollow cylinder due to a continuous heat source without energy dissipation. <i>Materials Research Express</i> , 2020 , 7, 035702	1.7	3
3 ⁰⁵	Modified three-phase-lag Green-Naghdi models for thermomechanical waves in an axisymmetric annular disk. <i>Journal of Thermal Stresses</i> , 2020 , 43, 1017-1029	2.2	9
3 ⁰⁴	Thermoelastic diffusion problem for a half-space due to a refined dual-phase-lag Green-Naghdi model. <i>Journal of Ocean Engineering and Science</i> , 2020 , 5, 214-222	4.4	14
3 ⁰³	Modified DPL Green-Naghdi theory for thermoelastic vibration of temperature-dependent nanobeams. <i>Results in Physics</i> , 2020 , 16, 102845	3.7	16
3 ⁰²	Bending and buckling analysis of FGM plates resting on elastic foundations in hygrothermal environment. <i>Archives of Civil and Mechanical Engineering</i> , 2020 , 20, 1	3.4	10
3 ⁰¹	Buckling analysis of actuated functionally graded piezoelectric plates via a quasi-3D refined theory. <i>Mechanics of Materials</i> , 2020 , 151, 103632	3.3	14
3 ⁰⁰	Static response of sandwich plates with FG core and piezoelectric faces under thermo-electro-mechanical loads and resting on elastic foundations. <i>Thin-Walled Structures</i> , 2020 , 157, 107025	4.7	13
2 ⁹⁹	Nonlocal strain gradient shell theory for bending analysis of FG spherical nanoshells in thermal environment. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	20
2 ⁹⁸	Hygrothermal effect on vibration of magnetostrictive viscoelastic sandwich plates supported by Pasternak's foundations. <i>Thin-Walled Structures</i> , 2020 , 157, 107007	4.7	20
2 ⁹⁷	Thermo-diffusion of solid cylinders based upon refined dual-phase-lag models. <i>Multidiscipline Modeling in Materials and Structures</i> , 2020 , 16, 1417-1434	2.2	5

296	Bending Analysis of Functionally Graded Nanoscale Plates by Using Nonlocal Mixed Variational Formula. <i>Mathematics</i> , 2020 , 8, 1162	2.3	7
295	Vibration suppression of magnetostrictive laminated beams resting on viscoelastic foundation. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2020 , 41, 1269-1286	3.2	20
294	Thermoelastic interactions in an unbounded solid due to a continuous heat source using the modified TPL GN model. <i>Waves in Random and Complex Media</i> , 2020 , 1-22	1.9	3
293	Refined dual-phase-lag Green-Naghdi models for thermoelastic diffusion in an infinite medium. <i>Waves in Random and Complex Media</i> , 2020 , 1-21	1.9	7
292	Size-dependent free vibration analysis of a three-layered exponentially graded nano-/micro-plate with piezomagnetic face sheets resting on Pasternak foundation via MCST. <i>Journal of Sandwich Structures and Materials</i> , 2020 , 22, 55-86	2.1	33
291	Fractional viscoelastic Voigt model for initially stressed microbeams induced by ultrashort laser heat source. <i>Waves in Random and Complex Media</i> , 2020 , 30, 687-703	1.9	12
290	Wave propagation of a gravitated piezo-thermoelastic half-space via a refined multi-phase-lags theory. <i>Mechanics of Advanced Materials and Structures</i> , 2020 , 27, 1923-1934	1.8	18
289	Bending analysis of functionally graded piezoelectric plates via quasi-3D trigonometric theory. <i>Mechanics of Advanced Materials and Structures</i> , 2020 , 27, 1551-1562	1.8	20
288	A comprehensive study on the size-dependent hygrothermal analysis of exponentially graded microplates on elastic foundations. <i>Mechanics of Advanced Materials and Structures</i> , 2020 , 27, 816-830	1.8	19
287	Dynamic characteristics of initially stressed viscoelastic microbeams induced by ultra-intense lasers. <i>Indian Journal of Physics</i> , 2020 , 94, 779-788	1.4	8
286	The modified couple stress model for bending of normal deformable viscoelastic nanobeams resting on visco-Pasternak foundations. <i>Mechanics of Advanced Materials and Structures</i> , 2020 , 27, 525-538	1.8	27
285	Magneto-thermal shock for a fiber-reinforced anisotropic half-space studied with a refined multi-dual-phase-lag model. <i>Journal of Physics and Chemistry of Solids</i> , 2020 , 137, 109213	3.9	24
284	Vibration suppression of advanced plates embedded magnetostrictive layers via various theories. <i>Journal of Materials Research and Technology</i> , 2020 , 9, 4727-4748	5.5	22
283	Hygro-thermo-mechanical bending of FG piezoelectric plates using quasi-3D shear and normal deformations theory. <i>Latin American Journal of Solids and Structures</i> , 2019 , 16,	1.4	6
282	Multi thermal relaxations for thermodiffusion problem in a thermoelastic half-space. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 143, 118568	4.9	26
281	Refined multi-phase-lags theory for photothermal waves of a gravitated semiconducting half-space. <i>Composite Structures</i> , 2019 , 212, 346-364	5.3	40
280	Bending response of FG plates resting on elastic foundations in hygrothermal environment with porosities. <i>Composite Structures</i> , 2019 , 213, 133-143	5.3	23
279	Effect of thermal activation and diffusion on a photothermal semiconducting half-space. <i>Journal of Physics and Chemistry of Solids</i> , 2019 , 132, 56-67	3.9	25

278	Thermo-electrical buckling response of actuated functionally graded piezoelectric nanoscale plates. <i>Results in Physics</i> , 2019 , 13, 102192	3.7	14
277	Bending of exponentially graded plates integrated with piezoelectric fiber-reinforced composite actuators resting on elastic foundations. <i>European Journal of Mechanics, A/Solids</i> , 2019 , 75, 461-471	3.7	20
276	An isogeometric Bzier finite element method for vibration analysis of functionally graded piezoelectric material porous plates. <i>International Journal of Mechanical Sciences</i> , 2019 , 157-158, 165-183	5.5	48
275	Porosity and inhomogeneity effects on the buckling and vibration of double-FGM nanoplates via a quasi-3D refined theory. <i>Composite Structures</i> , 2019 , 220, 289-303	5.3	46
274	Effect of porosity on the bending analysis of various functionally graded sandwich plates. <i>Materials Research Express</i> , 2019 , 6, 065703	1.7	22
273	Hygrothermo-mechanical buckling of FGM plates resting on elastic foundations using a quasi-3D model. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2019 , 20, 85-98	0.7	9
272	Thermal buckling analysis of laminated composite beams using hyperbolic refined shear deformation theory. <i>Journal of Thermal Stresses</i> , 2019 , 42, 332-340	2.2	19
271	Investigating Instability Regions of Harmonically Loaded Refined Shear Deformable Inhomogeneous Nanoplates. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019 , 43, 393-404	1.2	0
270	Porosity effect on thermal buckling behavior of actuated functionally graded piezoelectric nanoplates. <i>European Journal of Mechanics, A/Solids</i> , 2019 , 78, 103835	3.7	31
269	Wave propagation in magneto-porosity FG bi-layer nanoplates based on a novel quasi-3D refined plate theory. <i>Waves in Random and Complex Media</i> , 2019 , 1-21	1.9	22
268	Free vibration and buckling of porous power-law and sigmoid functionally graded sandwich plates using a simple higher-order shear deformation theory. <i>Materials Research Express</i> , 2019 , 6, 115707	1.7	38
267	A generalized thermoelastic medium subjected to pulsed laser heating via a two-temperature model. <i>Journal of Theoretical and Applied Mechanics</i> , 2019 , 57, 631-639	1.3	10
266	Thermal Vibrations of a Graphene Sheet Embedded in Viscoelastic Medium based on Nonlocal Shear Deformation Theory 2019 , 24, 485-493		3
265	Thermoviscoelastic response of an axially loaded beam under laser excitation and resting on Winkler foundation. <i>Multidiscipline Modeling in Materials and Structures</i> , 2019 , 15, 1238-1254	2.2	2
264	Stress analysis of a functionally graded plate integrated with piezoelectric faces via a four-unknown shear deformation theory. <i>Results in Physics</i> , 2019 , 12, 268-277	3.7	9
263	Influence of magneto-electric environments on size-dependent bending results of three-layer piezomagnetic curved nanobeam based on sinusoidal shear deformation theory. <i>Journal of Sandwich Structures and Materials</i> , 2019 , 21, 2751-2778	2.1	33
262	Thermoelastic Interactions in an Infinite Orthotropic Continuum of a Variable Thermal Conductivity with a Cylindrical Hole. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019 , 43, 281-290	1.2	4
261	Dynamic response of nanobeams subjected to moving nanoparticles and hygro-thermal environments based on nonlocal strain gradient theory. <i>Mechanics of Advanced Materials and Structures</i> , 2019 , 26, 1661-1669	1.8	30

260	Vibration analysis of functionally graded graphene platelet reinforced cylindrical shells with different porosity distributions. <i>Mechanics of Advanced Materials and Structures</i> , 2019 , 26, 1580-1588	1.8	74
259	Thermal post-buckling analysis of closed circuit flexoelectric nanobeams with surface effects and geometrical imperfection. <i>Mechanics of Advanced Materials and Structures</i> , 2019 , 26, 1482-1490	1.8	8
258	Analysis of postbuckling behavior of general higher-order functionally graded nanoplates with geometrical imperfection considering porosity distributions. <i>Mechanics of Advanced Materials and Structures</i> , 2019 , 26, 1081-1088	1.8	19
257	Free vibration analysis of a sandwich nano-plate including FG core and piezoelectric face-sheets by considering neutral surface. <i>Mechanics of Advanced Materials and Structures</i> , 2019 , 26, 741-752	1.8	23
256	Analysis of postbuckling of graded porous GPL-reinforced beams with geometrical imperfection. <i>Mechanics of Advanced Materials and Structures</i> , 2019 , 26, 503-511	1.8	41
255	Influence of micro-length-scale parameters and inhomogeneities on the bending, free vibration and wave propagation analyses of a FG Timoshenko sandwich piezoelectric microbeam. <i>Journal of Sandwich Structures and Materials</i> , 2019 , 21, 1243-1270	2.1	20
254	Effect of thermo-magneto-electro-mechanical fields on the bending behaviors of a three-layered nanoplate based on sinusoidal shear-deformation plate theory. <i>Journal of Sandwich Structures and Materials</i> , 2019 , 21, 639-669	2.1	27
253	Modelling of thermally affected elastic wave propagation within rotating Mori-Tanaka-based heterogeneous nanostructures. <i>Microsystem Technologies</i> , 2018 , 24, 2683-2693	1.7	3
252	Size-dependent thermoelastic analysis of a functionally graded nanoshell. <i>Modern Physics Letters B</i> , 2018 , 32, 1850033	1.6	3
251	Closed-form solutions for thermal buckling analyses of advanced nanoplates according to a hyperbolic four-variable refined theory with small-scale effects. <i>Acta Mechanica</i> , 2018 , 229, 2251-2265	2.1	25
250	A three-dimensional generalized shock plate problem with four thermoviscoelastic relaxations. <i>Canadian Journal of Physics</i> , 2018 , 96, 938-954	1.1	4
249	Bending of thin rectangular plates with variable-thickness in a hygrothermal environment. <i>Thin-Walled Structures</i> , 2018 , 123, 333-340	4.7	12
248	Thermal buckling of double-layered graphene system in humid environment. <i>Materials Research Express</i> , 2018 , 5, 015028	1.7	15
247	Compressive study of functionally graded plates resting on Winkler-Basternak foundations under various boundary conditions using hyperbolic shear deformation theory. <i>Archives of Civil and Mechanical Engineering</i> , 2018 , 18, 645-658	3.4	16
246	Free vibration analysis of multilayered composite and soft core sandwich plates resting on Winkler-Basternak foundations. <i>Journal of Sandwich Structures and Materials</i> , 2018 , 20, 169-190	2.1	16
245	Electro-thermoelastic vibration of plates made of porous functionally graded piezoelectric materials under various boundary conditions. <i>JVC/Journal of Vibration and Control</i> , 2018 , 24, 1910-1926	2	62
244	A new nonlocal elasticity theory with graded nonlocality for thermo-mechanical vibration of FG nanobeams via a nonlocal third-order shear deformation theory. <i>Mechanics of Advanced Materials and Structures</i> , 2018 , 25, 512-522	1.8	20
243	Forced vibration of sinusoidal FG nanobeams resting on hybrid Kerr foundation in hygro-thermal environments. <i>Mechanics of Advanced Materials and Structures</i> , 2018 , 25, 669-680	1.8	25

242	Nonlocal thermoelastic model for temperature-dependent thermal conductivity nanobeams due to dynamic varying loads. <i>Microsystem Technologies</i> , 2018 , 24, 1189-1199	1.7	15
241	Size-dependent electro-elastic analysis of a sandwich microbeam based on higher-order sinusoidal shear deformation theory and strain gradient theory. <i>Journal of Intelligent Material Systems and Structures</i> , 2018 , 29, 1394-1406	2.3	35
240	A novel mixed nonlocal elasticity theory for thermoelastic vibration of nanoplates. <i>Composite Structures</i> , 2018 , 185, 821-833	5.3	27
239	Post-buckling analysis of imperfect multi-phase nanocrystalline nanobeams considering nanograins and nanopores surface effects. <i>Composite Structures</i> , 2018 , 184, 497-505	5.3	10
238	Nonlocal piezo-hydrothermal analysis for vibration characteristics of a piezoelectric Kelvin-Voigt viscoelastic nanoplate embedded in a viscoelastic medium. <i>Acta Mechanica</i> , 2018 , 229, 3-19	2.1	43
237	A quasi-3D refined theory for functionally graded single-layered and sandwich plates with porosities. <i>Composite Structures</i> , 2018 , 201, 38-48	5.3	75
236	Free vibration characteristics of multilayered composite plates in a hydrothermal environment via the refined hyperbolic theory. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	10
235	Refined two-temperature multi-phase-lags theory for thermomechanical response of microbeams using the modified couple stress analysis. <i>Acta Mechanica</i> , 2018 , 229, 3671-3692	2.1	54
234	Thermal stress and deformation analysis of a size-dependent curved nanobeam based on sinusoidal shear deformation theory. <i>AEJ - Alexandria Engineering Journal</i> , 2018 , 57, 2177-2185	6.1	24
233	Generalized Thermoelasticity Theories for Axisymmetric Hollow Cylinders Under Thermal Shock with Variable Thermal Conductivity. <i>Journal of Molecular and Engineering Materials</i> , 2018 , 06, 1850006	1.3	3
232	Refined microtemperatures multi-phase-lags theory for plane wave propagation in thermoelastic medium. <i>Results in Physics</i> , 2018 , 11, 929-937	3.7	22
231	Quasi 3-D trigonometric plate theory for bending analysis of EG plates resting on Pasternak foundations. <i>Curved and Layered Structures</i> , 2018 , 5, 146-155	1.9	1
230	Magnetic field effect on thermomechanical buckling and vibration of viscoelastic sandwich nanobeams with CNT reinforced face sheets on a viscoelastic substrate. <i>Composites Part B: Engineering</i> , 2018 , 154, 492-506	10	35
229	Nonlocal Thermal and Mechanical Buckling of Nonlinear Orthotropic Viscoelastic Nanoplates Embedded in a Visco-Pasternak Medium. <i>International Journal of Applied Mechanics</i> , 2018 , 10, 1850086	2.4	18
228	Nonlocal elasticity and shear deformation effects on thermal buckling of a CNT embedded in a viscoelastic medium. <i>European Physical Journal Plus</i> , 2018 , 133, 1	3.1	32
227	Stresses in inhomogeneous elastic-viscoelastic-elastic sandwich plates via hyperbolic shear deformation theory. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	
226	Nonlocal thermoelasticity theory without energy dissipation for nano-machined beam resonators subjected to various boundary conditions. <i>Microsystem Technologies</i> , 2017 , 23, 55-65	1.7	28
225	Electro-mechanical vibration of smart piezoelectric FG plates with porosities according to a refined four-variable theory. <i>Mechanics of Advanced Materials and Structures</i> , 2017 , 24, 987-998	1.8	61

224	Wave propagation analysis of a functionally graded magneto-electro-elastic nanobeam rest on Visco-Pasternak foundation. <i>Mechanics Research Communications</i> , 2017 , 79, 51-62	2.2	53
223	Employing the coupled stress components and surface elasticity for nonlocal solution of wave propagation of a functionally graded piezoelectric Love nanorod model. <i>Journal of Intelligent Material Systems and Structures</i> , 2017 , 28, 2403-2413	2.3	34
222	Size-dependent vibration and bending analyses of the piezomagnetic three-layer nanobeams. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	45
221	A general bi-Helmholtz nonlocal strain-gradient elasticity for wave propagation in nanoporous graded double-nanobeam systems on elastic substrate. <i>Composite Structures</i> , 2017 , 168, 885-892	5.3	59
220	Analysis of wave propagation in a functionally graded nanobeam resting on visco-Pasternak foundation. <i>Theoretical and Applied Mechanics Letters</i> , 2017 , 7, 145-151	1.8	14
219	Thermo-electro-magneto-mechanical bending behavior of size-dependent sandwich piezomagnetic nanoplates. <i>Mechanics Research Communications</i> , 2017 , 84, 27-42	2.2	20
218	Transient analysis of a three-layer microbeam subjected to electric potential. <i>International Journal of Smart and Nano Materials</i> , 2017 , 8, 20-40	3.6	28
217	Dynamic response of a nanobeam induced by ramp-type heating and subjected to a moving load. <i>Microsystem Technologies</i> , 2017 , 23, 5911-5920	1.7	10
216	Analysis of multilayered composite plates resting on elastic foundations in thermal environment using a hyperbolic model. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017 , 39, 2801-2816	2	6
215	Effect of temperature-dependent physical properties on nanobeam structures induced by ramp-type heating. <i>KSCE Journal of Civil Engineering</i> , 2017 , 21, 1820-1828	1.9	5
214	Thermo-electro-mechanical bending behavior of sandwich nanoplate integrated with piezoelectric face-sheets based on trigonometric plate theory. <i>Composite Structures</i> , 2017 , 162, 108-122	5.3	51
213	Size-dependent electro-magneto-elastic bending analyses of the shear-deformable axisymmetric functionally graded circular nanoplates. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	9
212	A two-variable simplified nth-higher-order theory for free vibration behavior of laminated plates. <i>Composite Structures</i> , 2017 , 182, 533-541	5.3	15
211	Post-buckling analysis of refined shear deformable graphene platelet reinforced beams with porosities and geometrical imperfection. <i>Composite Structures</i> , 2017 , 181, 194-202	5.3	98
210	Investigating post-buckling of geometrically imperfect metal foam nanobeams with symmetric and asymmetric porosity distributions. <i>Composite Structures</i> , 2017 , 182, 91-98	5.3	51
209	Vibration and bending analyses of magneto-electro-thermo-elastic sandwich microplates resting on viscoelastic foundation. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	15
208	Transient sinusoidal shear deformation formulation of a size-dependent three-layer piezo-magnetic curved nanobeam. <i>Acta Mechanica</i> , 2017 , 228, 3657-3674	2.1	43
207	Size-dependent free vibration and dynamic analyses of piezo-electro-magnetic sandwich nanoplates resting on viscoelastic foundation. <i>Physica B: Condensed Matter</i> , 2017 , 521, 188-197	2.8	44

206	Size-dependent analysis of a sandwich curved nanobeam integrated with piezomagnetic face-sheets. <i>Results in Physics</i> , 2017 , 7, 2172-2182	3.7	16
205	Nonlocal transient electrothermomechanical vibration and bending analysis of a functionally graded piezoelectric single-layered nanosheet rest on visco-Pasternak foundation. <i>Journal of Thermal Stresses</i> , 2017 , 40, 167-184	2.2	41
204	Bending analysis of piezoelectric exponentially graded fiber-reinforced composite cylinders in hygrothermal environments. <i>International Journal of Mechanics and Materials in Design</i> , 2017 , 13, 515-529	3.5	18
203	Nonlocal electro-thermo-mechanical analysis of a sandwich nanoplate containing a Kelvin-Voigt viscoelastic nanoplate and two piezoelectric layers. <i>Acta Mechanica</i> , 2017 , 228, 475-493	2.1	55
202	Vibration and bending analysis of a sandwich microbeam with two integrated piezo-magnetic face-sheets. <i>Composite Structures</i> , 2017 , 159, 479-490	5.3	58
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