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List of Publications by Citations

463 papers	**23,635** citations	**82** h-index	**125** g-index
467 ext. papers	**25,806** ext. citations	**5.2** avg, IF	**7.7** L-index

#	Paper	IF	Citations
463	Static and free vibration analyses of carbon nanotube-reinforced composite plates using finite element method with first order shear deformation plate theory. *Composite Structures*, **2012**, 94, 1450-1460	5.2	492
462	Mechanical analysis of functionally graded carbon nanotube reinforced composites: A review. *Composite Structures*, **2015**, 120, 90-97	5.3	464
461	Application of nonlocal continuum mechanics to static analysis of micro- and nano-structures. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2007**, 363, 236-242	2.3	389
460	Nonlocal shell model for elastic wave propagation in single- and double-walled carbon nanotubes. *Journal of the Mechanics and Physics of Solids*, **2008**, 56, 3475-3485	5	333
459	Buckling analysis of multi-walled carbon nanotubes: a continuum model accounting for van der Waals interaction. *Journal of the Mechanics and Physics of Solids*, **2005**, 53, 303-326	5	323
458	Active control of FGM plates with integrated piezoelectric sensors and actuators. *International Journal of Solids and Structures*, **2001**, 38, 1641-1655	3.1	316
457	On the study of elastic and plastic properties of multi-walled carbon nanotubes under axial tension using molecular dynamics simulation. *Acta Materialia*, **2004**, 52, 2521-2527	8.4	294
456	A review of meshless methods for laminated and functionally graded plates and shells. *Composite Structures*, **2011**, 93, 2031-2041	5.3	281
455	Free vibration analysis of functionally graded plates using the element-free kp-Ritz method. *Journal of Sound and Vibration*, **2009**, 319, 918-939	3.9	254
454	Buckling analysis of functionally graded carbon nanotube-reinforced composite plates using the element-free kp-Ritz method. *Composite Structures*, **2013**, 98, 160-168	5.3	250
453	Static and dynamic of carbon nanotube reinforced functionally graded cylindrical panels. *Composite Structures*, **2014**, 111, 205-212	5.3	239
452	Postbuckling of piezoelectric FGM plates subject to thermo-electro-mechanical loading. *International Journal of Solids and Structures*, **2003**, 40, 3869-3892	3.1	238
451	Dynamic stability analysis of functionally graded cylindrical shells under periodic axial loading. *International Journal of Solids and Structures*, **2001**, 38, 1295-1309	3.1	218
450	Analysis of the thermal stress behaviour of functionally graded hollow circular cylinders. *International Journal of Solids and Structures*, **2003**, 40, 2355-2380	3.1	204
449	Free vibration analysis of functionally graded carbon nanotube-reinforced composite triangular plates using the FSDT and element-free IMLS-Ritz method. *Composite Structures*, **2015**, 120, 189-199	5.3	202
448	Free vibration analysis of functionally graded carbon nanotube-reinforced composite plates using the element-free kp-Ritz method in thermal environment. *Composite Structures*, **2013**, 106, 128-138	5.3	201
447	Mechanical and thermal buckling analysis of functionally graded plates. *Composite Structures*, **2009**, 90, 161-171	5.3	201

428	Free vibration analysis of conical shells via the element-free kp-Ritz method. *Journal of Sound and Vibration*, **2005**, 281, 627-645	3.9	136
427	Harmonic reproducing kernel particle method for free vibration analysis of rotating cylindrical shells. *Computer Methods in Applied Mechanics and Engineering*, **2002**, 191, 4141-4157	5.7	134
426	Transverse vibration of thick rectangular plates Comprehensive sets of boundary conditions. *Computers and Structures*, **1993**, 49, 1-29	4.5	129
425	Large deflection analysis of functionally graded carbon nanotube-reinforced composite plates by the element-free kp-Ritz method. *Computer Methods in Applied Mechanics and Engineering*, **2013**, 256, 189-199	5.7	128
424	Thermo-mechanical post-buckling of FGM cylindrical panels with temperature-dependent properties. *International Journal of Solids and Structures*, **2006**, 43, 307-324	3.1	126
423	A continuum three-dimensional vibration analysis of thick rectangular plates. *International Journal of Solids and Structures*, **1993**, 30, 3357-3379	3.1	126
422	Postbuckling of carbon nanotube reinforced functionally graded plates with edges elastically restrained against translation and rotation under axial compression. *Computer Methods in Applied Mechanics and Engineering*, **2016**, 298, 1-28	5.7	124
421	Free vibration and buckling analyses of shear-deformable plates based on FSDT meshfree method. *Journal of Sound and Vibration*, **2004**, 276, 997-1017	3.9	123
420	Differential quadrature method for Mindlin plates on Winkler foundations. *International Journal of Mechanical Sciences*, **1996**, 38, 405-421	5.5	123
419	Free vibration analysis of functionally graded conical shell panels by a meshless method. *Composite Structures*, **2011**, 93, 649-664	5.3	121
418	Nonlinear bending analysis of FG-CNT reinforced composite thick plates resting on Pasternak foundations using the element-free IMLS-Ritz method. *Composite Structures*, **2015**, 128, 165-175	5.3	118
417	Application of two-dimensional orthogonal plate function to flexural vibration of skew plates. *Journal of Sound and Vibration*, **1990**, 139, 241-252	3.9	114
416	An overview of layerwise theories for composite laminates and structures: Development, numerical implementation and application. *Composite Structures*, **2019**, 216, 240-259	5.3	113
415	Semi-analytical solution for nonlinear vibration of laminated FGM plates with geometric imperfections. *International Journal of Solids and Structures*, **2004**, 41, 2235-2257	3.1	112
414	Thermomechanical postbuckling analysis of moderately thick functionally graded plates and shallow shells. *International Journal of Mechanical Sciences*, **2005**, 47, 1147-1171	5.5	112
413	Second-order statistics of the elastic buckling of functionally graded rectangular plates. *Composites Science and Technology*, **2005**, 65, 1165-1175	8.6	112
412	SOLVING THE VIBRATION OF THICK SYMMETRIC LAMINATES BY REISSNER/MINDLIN PLATE THEORY AND THE p-RITZ METHOD. *Journal of Sound and Vibration*, **1996**, 198, 343-360	3.9	112
411	Thermoelastic analysis of functionally graded carbon nanotube-reinforced composite plate using theory of elasticity. *Composite Structures*, **2013**, 106, 873-881	5.3	111

410	Analysis of laminated CNT reinforced functionally graded plates using the element-free kp-Ritz method. *Composites Part B: Engineering*, **2016**, 84, 211-221	10	110
409	Non-linear dynamic stability of piezoelectric functionally graded carbon nanotube-reinforced composite plates with initial geometric imperfection. *International Journal of Non-Linear Mechanics*, **2014**, 59, 37-51	2.8	110
408	Random vibration of the functionally graded laminates in thermal environments. *Computer Methods in Applied Mechanics and Engineering*, **2006**, 195, 1075-1095	5.7	108
407	Analyzing 2D fracture problems with the improved element-free Galerkin method. *Engineering Analysis With Boundary Elements*, **2008**, 32, 241-250	2.6	104
406	Vibration Of Thick Skew Plates Based On Mindlin Shear Deformation Plate Theory. *Journal of Sound and Vibration*, **1993**, 168, 39-69	3.9	103
405	VIBRATION ANALYSIS OF CIRCULAR MINDLIN PLATES USING THE DIFFERENTIAL QUADRATURE METHOD. *Journal of Sound and Vibration*, **1997**, 205, 617-630	3.9	100
404	Thermoelastic and vibration analysis of functionally graded cylindrical shells. *International Journal of Mechanical Sciences*, **2009**, 51, 694-707	5.5	97
403	Axisymmetric free vibration of thick annular plates. *International Journal of Mechanical Sciences*, **1999**, 41, 1089-1109	5.5	94
402	pb-2 Rayleigh - Ritz method for general plate analysis. *Engineering Structures*, **1993**, 15, 55-60	4.7	92
401	Geometrically nonlinear analysis of functionally graded shells. *International Journal of Mechanical Sciences*, **2009**, 51, 131-144	5.5	91
400	Analysis of wave propagation in carbon nanotubes via elastic shell theories. *International Journal of Engineering Science*, **2007**, 45, 227-241	5.7	91
399	Nonlinear vibration of a coating-FGM-substrate cylindrical panel subjected to a temperature gradient. *Computer Methods in Applied Mechanics and Engineering*, **2006**, 195, 1007-1026	5.7	91
398	Geometrically nonlinear analysis of functionally graded plates using the element-free kp-Ritz method. *Computer Methods in Applied Mechanics and Engineering*, **2009**, 198, 2796-2811	5.7	89
397	Mesh-free radial basis function method for buckling analysis of non-uniformly loaded arbitrarily shaped shear deformable plates. *Computer Methods in Applied Mechanics and Engineering*, **2004**, 193, 205-224	5.7	89
396	Computation of vibration solution for functionally graded carbon nanotube-reinforced composite thick plates resting on elastic foundations using the element-free IMLS-Ritz method. *Applied Mathematics and Computation*, **2015**, 256, 488-504	2.7	88
395	Meshfree method for large deformation analysis–a reproducing kernel particle approach. *Engineering Structures*, **2002**, 24, 543-551	4.7	88
394	Stochastic analysis of compositionally graded plates with system randomness under static loading. *International Journal of Mechanical Sciences*, **2005**, 47, 1519-1541	5.5	88
393	A pb-2 Ritz Formulation for Flexural Vibration of Shallow Cylindrical Shells of Rectangular Planform. *Journal of Sound and Vibration*, **1994**, 173, 343-375	3.9	88

392	State-space Levy method for vibration analysis of FG-CNT composite plates subjected to in-plane loads based on higher-order shear deformation theory. *Composite Structures*, **2015**, 134, 989-1003	5.3	87
391	Computation of aerothermoelastic properties and active flutter control of CNT reinforced functionally graded composite panels in supersonic airflow. *Computer Methods in Applied Mechanics and Engineering*, **2016**, 300, 427-441	5.7	87
390	Large deflection analysis of FG-CNT reinforced composite skew plates resting on Pasternak foundations using an element-free approach. *Composite Structures*, **2015**, 132, 974-983	5.3	86
389	Vibration analysis of CNT-reinforced functionally graded composite cylindrical shells in thermal environments. *International Journal of Mechanical Sciences*, **2016**, 115-116, 339-347	5.5	86
388	The improved element-free Galerkin method for two-dimensional elastodynamics problems. *Engineering Analysis With Boundary Elements*, **2013**, 37, 1576-1584	2.6	86
387	An improved element-free Galerkin method for numerical modeling of the biological population problems. *Engineering Analysis With Boundary Elements*, **2014**, 40, 181-188	2.6	86
386	Molecular mechanics modeling of carbon nanotube fracture. *Carbon*, **2007**, 45, 1769-1776	10.4	86
385	Geometrically nonlinear large deformation analysis of functionally graded carbon nanotube reinforced composite straight-sided quadrilateral plates. *Computer Methods in Applied Mechanics and Engineering*, **2015**, 295, 219-239	5.7	85
384	An element-free IMLS-Ritz framework for buckling analysis of FG-CNT reinforced composite thick plates resting on Winkler foundations. *Engineering Analysis With Boundary Elements*, **2015**, 58, 7-17	2.6	84
383	Free vibration analysis of rectangular plates using orthogonal plate function. *Computers and Structures*, **1990**, 34, 79-85	4.5	84
382	The buckling of single-walled carbon nanotubes upon bending: The higher order gradient continuum and mesh-free method. *Computer Methods in Applied Mechanics and Engineering*, **2008**, 197, 3001-3013	5.7	83
381	Free vibration analysis of moderately thick functionally graded plates by local Kriging meshless method. *Composite Structures*, **2011**, 93, 2925-2944	5.3	81
380	Finite element method for the feedback control of FGM shells in the frequency domain via piezoelectric sensors and actuators. *Computer Methods in Applied Mechanics and Engineering*, **2004**, 193, 257-273	5.7	81
379	A solution method for analysis of cracked plates under vibration. *Engineering Fracture Mechanics*, **1994**, 48, 393-404	4.2	80
378	Modeling of dynamic responses of CNT-reinforced composite cylindrical shells under impact loads. *Computer Methods in Applied Mechanics and Engineering*, **2017**, 313, 889-903	5.7	79
377	Elastodynamic analysis of carbon nanotube-reinforced functionally graded plates. *International Journal of Mechanical Sciences*, **2015**, 99, 208-217	5.5	77
376	Postbuckling analysis of axially compressed CNT reinforced functionally graded composite plates resting on Pasternak foundations using an element-free approach. *Composite Structures*, **2016**, 138, 40-51	5.3	77
375	Optimal shape control of CNT reinforced functionally graded composite plates using piezoelectric patches. *Composites Part B: Engineering*, **2016**, 85, 140-149	10	76

374	Buckling and free vibration analyses of stiffened plates using the FSDT mesh-free method. *Journal of Sound and Vibration*, **2006**, 289, 421-449	3.9	76
373	Energy harvesting from ocean waves by a floating energy harvester. *Energy*, **2016**, 112, 1219-1226	7.9	76
372	Analysis of rectangular laminated composite plates via FSDT meshless method. *International Journal of Mechanical Sciences*, **2002**, 44, 1275-1293	5.5	75
371	Fabrication of LDH nanosheets on βFeOOH rods and applications for improving the fire safety of epoxy resin. *Composites Part A: Applied Science and Manufacturing*, **2016**, 80, 259-269	8.4	74
370	Mechanical and damping properties of CNT-reinforced cementitious composites. *Composite Structures*, **2017**, 160, 81-88	5.3	72
369	The recent progress of recycled steel fiber reinforced concrete. *Construction and Building Materials*, **2020**, 232, 117232	6.7	72
368	Bending and buckling of thick symmetric rectangular laminates using the moving least-squares differential quadrature method. *International Journal of Mechanical Sciences*, **2003**, 45, 95-114	5.5	71
367	An element-free computational framework for elastodynamic problems based on the IMLS-Ritz method. *Engineering Analysis With Boundary Elements*, **2015**, 54, 39-46	2.6	70
366	Modeling of van der Waals force for infinitesimal deformation of multi-walled carbon nanotubes treated as cylindrical shells. *International Journal of Solids and Structures*, **2005**, 42, 6032-6047	3.1	70
365	THREE-DIMENSIONAL VIBRATION ANALYSIS OF RECTANGULAR PLATES BASED ON DIFFERENTIAL QUADRATURE METHOD. *Journal of Sound and Vibration*, **1999**, 220, 577-599	3.9	70
364	Differential quadrature method for thick symmetric cross-ply laminates with first-order shear flexibility. *International Journal of Solids and Structures*, **1996**, 33, 2647-2658	3.1	69
363	Wave propagation in graphene sheets with nonlocal elastic theory via finite element formulation. *Computer Methods in Applied Mechanics and Engineering*, **2012**, 223-224, 1-9	5.7	68
362	Numerical differential quadrature method for Reissner/Mindlin plates on two-parameter foundations. *International Journal of Mechanical Sciences*, **1997**, 39, 977-989	5.5	67
361	Buckling of rectangular Mindlin plates subjected to partial in-plane edge loads using the radial point interpolation method. *International Journal of Solids and Structures*, **2004**, 41, 1677-1695	3.1	67
360	An improved moving least-squares Ritz method for two-dimensional elasticity problems. *Applied Mathematics and Computation*, **2014**, 246, 268-282	2.7	66
359	Nonlinear analysis of corrugated plates using a FSDT and a meshfree method. *Computer Methods in Applied Mechanics and Engineering*, **2007**, 196, 2358-2376	5.7	66
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357	Effective utilization and recycling of mixed recycled aggregates for a greener environment. *Journal of Cleaner Production*, **2019**, 236, 117600	10.3	64

356	DIFFERENTIAL QUADRATURE METHOD FOR VIBRATION ANALYSIS OF SHEAR DEFORMABLE ANNULAR SECTOR PLATES. *Journal of Sound and Vibration*, **2000**, 230, 335-356	3.9	64
355	Analytical buckling solutions for mindlin plates involving free edges. *International Journal of Mechanical Sciences*, **1996**, 38, 1127-1138	5.5	64
354	Vibration of pretwisted cantilever shallow conical shells. *International Journal of Solids and Structures*, **1994**, 31, 2463-2476	3.1	64
353	Transverse vibration of symmetrically laminated rectangular composite plates. *Composite Structures*, **1992**, 20, 213-226	5.3	64
352	Complex variable boundary element-free method for two-dimensional elastodynamic problems. *Computer Methods in Applied Mechanics and Engineering*, **2009**, 198, 3925-3933	5.7	63
351	Vibration of mindlin plates using boundary characteristic orthogonal polynomials. *Journal of Sound and Vibration*, **1995**, 182, 77-90	3.9	63
350	Buckling analysis of CNT reinforced functionally graded laminated composite plates. *Composite Structures*, **2016**, 152, 62-73	5.3	63
349	Free vibration analysis of triangular CNT-reinforced composite plates subjected to in-plane stresses using FSDT element-free method. *Composite Structures*, **2016**, 149, 247-260	5.3	63
348	Postbuckling responses of functionally graded cylindrical shells under axial compression and thermal loads. *Composites Part B: Engineering*, **2012**, 43, 1621-1630	10	62
347	Improved element-free Galerkin method for two-dimensional potential problems. *Engineering Analysis With Boundary Elements*, **2009**, 33, 547-554	2.6	60
346	Modeling via differential quadrature method: Three-dimensional solutions for rectangular plates. *Computer Methods in Applied Mechanics and Engineering*, **1998**, 159, 369-381	5.7	60
345	Coupling of the improved element-free Galerkin and boundary element methods for two-dimensional elasticity problems. *Engineering Analysis With Boundary Elements*, **2008**, 32, 100-107	2.6	60
344	Imperfection sensitivity of the post-buckling behavior of higher-order shear deformable functionally graded plates. *International Journal of Solids and Structures*, **2006**, 43, 5247-5266	3.1	60
343	Effects of FGM materials on the parametric resonance of plate structures. *Computer Methods in Applied Mechanics and Engineering*, **2000**, 190, 953-962	5.7	60
342	Three-dimensional vibration of rectangular plates: Effects of thickness and edge constraints. *Journal of Sound and Vibration*, **1995**, 182, 709-727	3.9	60
341	Vibration analysis of CNT reinforced functionally graded composite plates in a thermal environment based on Reddy's higher-order shear deformation theory. *Composite Structures*, **2016**, 156, 276-290	5.3	59
340	Buckling and vibration analysis of isotropic and laminated plates by radial basis functions. *Composites Part B: Engineering*, **2011**, 42, 592-606	10	59
339	Vibrations of rotating cross-ply laminated circular cylindrical shells with stringer and ring stiffeners. *International Journal of Solids and Structures*, **2002**, 39, 529-545	3.1	59

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337	Free vibration analysis of sandwich cylindrical panel with functionally graded core using three-dimensional theory of elasticity. *Composite Structures*, **2014**, 113, 23-30	5.3	58
336	Three-dimensional vibration analysis of spherical shell panels subjected to different boundary conditions. *International Journal of Mechanical Sciences*, **2002**, 44, 2103-2117	5.5	58
335	An eight-node curvilinear differential quadrature formulation for Reissner/Mindlin plates. *Computer Methods in Applied Mechanics and Engineering*, **1997**, 141, 265-280	5.7	57
334	State of hydrogen molecules confined in C60 fullerene and carbon nanocapsule structures. *Carbon*, **2006**, 44, 397-406	10.4	57
333	A higher order theory for vibration of shear deformable cylindrical shallow shells. *International Journal of Mechanical Sciences*, **1995**, 37, 277-295	5.5	57
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330	Effects of vacancy defect reconstruction on the elastic properties of carbon nanotubes. *Carbon*, **2009**, 47, 1526-1533	10.4	55
329	Vibration analysis of laminated composite cylindrical panels via a meshfree approach. *International Journal of Solids and Structures*, **2003**, 40, 161-180	3.1	55
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327	Three-dimensional elasticity solutions for free vibrations of circular plates: A polynomials-Ritz analysis. *Computer Methods in Applied Mechanics and Engineering*, **1999**, 175, 189-201	5.7	55
326	Vibration analysis of quadrilateral graphene sheets subjected to an in-plane magnetic field based on nonlocal elasticity theory. *Composites Part B: Engineering*, **2017**, 118, 96-103	10	54
325	Vibration analysis of CNT-reinforced functionally graded rotating cylindrical panels using the element-free kp-Ritz method. *Composites Part B: Engineering*, **2015**, 77, 291-303	10	53
324	Postbuckling analysis of bi-axially compressed laminated nanocomposite plates using the first-order shear deformation theory. *Composite Structures*, **2016**, 152, 418-431	5.3	53
323	Analyzing the 2D fracture problems via the enriched boundary element-free method. *International Journal of Solids and Structures*, **2007**, 44, 4220-4233	3.1	52
322	ANALYSIS OF VIBRATING THICK RECTANGULAR PLATES WITH MIXED BOUNDARY CONSTRAINTS USING DIFFERENTIAL QUADRATURE ELEMENT METHOD. *Journal of Sound and Vibration*, **1999**, 225, 915-934	3.9	52
321	Vibratory behaviour of shallow conical shells by a global Ritz formulation. *Engineering Structures*, **1995**, 17, 63-70	4.7	52

320	An element-free IMLS-Ritz method for numerical solution of three-dimensional wave equations. *Computer Methods in Applied Mechanics and Engineering*, **2015**, 297, 116-139	5.7	51
319	Geometrically nonlinear large deformation analysis of triangular CNT-reinforced composite plates. *International Journal of Non-Linear Mechanics*, **2016**, 86, 122-132	2.8	51
318	Vibration analysis of corrugated Reissner–Mindlin plates using a mesh-free Galerkin method. *International Journal of Mechanical Sciences*, **2009**, 51, 642-652	5.5	51
317	Synthesis and characterization of MnO2 nanosheets based multilayer coating and applications as a flame retardant for flexible polyurethane foam. *Composites Science and Technology*, **2016**, 123, 212-221	8.6	50
316	VIBRATION ANALYSIS OF RECTANGULAR MINDLIN PLATES RESTING ON ELASTIC EDGE SUPPORTS. *Journal of Sound and Vibration*, **1997**, 204, 1-16	3.9	50
315	Nonlinear analysis of laminated composite plates using the mesh-free kp-Ritz method based on FSDT. *Computer Methods in Applied Mechanics and Engineering*, **2004**, 193, 4763-4779	5.7	50
314	Three-dimensional static solutions of rectangular plates by variant differential quadrature method. *International Journal of Mechanical Sciences*, **2001**, 43, 1611-1628	5.5	50
313	Elastodynamic analysis of quadrilateral CNT-reinforced functionally graded composite plates using FSDT element-free method. *Composite Structures*, **2016**, 148, 144-154	5.3	49
312	Active vibration control of FGM plates with piezoelectric layers based on Reddy's higher-order shear deformation theory. *Composite Structures*, **2016**, 155, 118-134	5.3	49
311	Active vibration control of CNT-reinforced composite cylindrical shells via piezoelectric patches. *Composite Structures*, **2016**, 158, 92-100	5.3	48
310	The element-free -Ritz method for free vibration analysis of conical shell panels. *Journal of Sound and Vibration*, **2006**, 295, 906-922	3.9	48
309	Synthesis of MnO 2 nanoparticles with different morphologies and application for improving the fire safety of epoxy. *Composites Part A: Applied Science and Manufacturing*, **2017**, 95, 173-182	8.4	47
308	Dynamic responses of CNT reinforced composite plates subjected to impact loading. *Composites Part B: Engineering*, **2016**, 99, 154-161	10	47
307	Free vibration analysis of Mindlin sector plates: Numerical solutions by differential quadrature method. *Computer Methods in Applied Mechanics and Engineering*, **1999**, 177, 77-92	5.7	47
306	Graphene and graphene oxide in calcium silicate hydrates: Chemical reactions, mechanical behavior and interfacial sliding. *Carbon*, **2019**, 146, 181-193	10.4	46
305	An element-free analysis of CNT-reinforced composite plates with column supports and elastically restrained edges under large deformation. *Composites Part B: Engineering*, **2016**, 95, 18-28	10	46
304	Functionalization of multi-walled carbon nanotubes grafted with self-generated functional groups and their polyamide 6 composites. *Carbon*, **2010**, 48, 721-729	10.4	46
303	Free vibration of two-side simply-supported laminated cylindrical panels via the mesh-free kp-Ritz method. *International Journal of Mechanical Sciences*, **2004**, 46, 123-142	5.5	46

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301	Active vibration control of CNT reinforced functionally graded plates based on a higher-order shear deformation theory. *International Journal of Mechanical Sciences*, **2016**, 105, 90-101	5.5	45
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299	Formulation of Mindlin-Engesser model for stiffened plate vibration. *Computer Methods in Applied Mechanics and Engineering*, **1995**, 120, 339-353	5.7	45
298	Modeling of nonlinear vibration of graphene sheets using a meshfree method based on nonlocal elasticity theory. *Applied Mathematical Modelling*, **2017**, 49, 691-704	4.5	44
297	Active vibration control of functionally graded graphene nanoplatelets reinforced composite plates integrated with piezoelectric layers. *Thin-Walled Structures*, **2019**, 145, 106372	4.7	44
296	Nonlocal continuum model for vibration of single-layered graphene sheets based on the element-free kp-Ritz method. *Engineering Analysis With Boundary Elements*, **2015**, 56, 90-97	2.6	44
295	Nonlinear free vibration, postbuckling and nonlinear static deflection of piezoelectric fiber-reinforced laminated composite beams. *Composites Part B: Engineering*, **2014**, 59, 123-132	10	44
294	Dynamic stability of rotating cylindrical shells subjected to periodic axial loads. *International Journal of Solids and Structures*, **2006**, 43, 7553-7570	3.1	44
293	Vibration analysis of multi-span plates having orthogonal straight edges. *Journal of Sound and Vibration*, **1991**, 147, 255-264	3.9	44
292	Postbuckling behavior of bi-axially compressed arbitrarily straight-sided quadrilateral functionally graded material plates. *Computer Methods in Applied Mechanics and Engineering*, **2016**, 300, 593-610	5.7	43
291	Free vibration analysis of bilayer graphene sheets subjected to in-plane magnetic fields. *Composite Structures*, **2016**, 144, 86-95	5.3	43
290	The improved complex variable element-free Galerkin method for two-dimensional Schrödinger equation. *Computers and Mathematics With Applications*, **2014**, 68, 1093-1106	2.7	43
289	Modeling of biological population problems using the element-free kp-Ritz method. *Applied Mathematics and Computation*, **2014**, 227, 274-290	2.7	43
288	Numerical aspects for free vibration of thick plates part I: Formulation and verification. *Computer Methods in Applied Mechanics and Engineering*, **1998**, 156, 15-29	5.7	43
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286	A differential quadrature procedure for three-dimensional buckling analysis of rectangular plates. *International Journal of Solids and Structures*, **1999**, 36, 1149-1168	3.1	43
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281	Mechanical properties of diamond nanothread reinforced polymer composites. *Carbon*, **2018**, 132, 232-240	10.4	40
280	Active vibration control of CNT-reinforced composite plates with piezoelectric layers based on Reddy's higher-order shear deformation theory. *Composite Structures*, **2017**, 163, 350-364	5.3	40
279	Differential quadrature element method for static analysis of Reissner-Mindlin polar plates. *International Journal of Solids and Structures*, **1999**, 36, 5101-5123	3.1	40
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277	Element-free geometrically nonlinear analysis of quadrilateral functionally graded material plates with internal column supports. *Composite Structures*, **2016**, 147, 99-110	5.3	40
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275	Differential cubature method for static solutions of arbitrarily shaped thick plates. *International Journal of Solids and Structures*, **1998**, 35, 3655-3674	3.1	39
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273	Nonlocal continuum model for large deformation analysis of SLGSs using the kp-Ritz element-free method. *International Journal of Non-Linear Mechanics*, **2016**, 79, 1-9	2.8	38
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