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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.

489 papers	13,456 citations	56 h-index	96 g-index
515 ext. papers	15,009 ext. citations	3.3 avg, IF	6.85 L-index

#	Paper	IF	Citations
489	Mechanical properties and microstructure of a graphene oxide/cement composite. <i>Cement and Concrete Composites</i> , 2015 , 58, 140-147	8.6	416
488	Nano reinforced cement and concrete composites and new perspective from graphene oxide. <i>Construction and Building Materials</i> , 2014 , 73, 113-124	6.7	376
487	The small length scale effect for a non-local cantilever beam: a paradox solved. <i>Nanotechnology</i> , 2008 , 19, 345703	3.4	366
486	Buckling analysis of micro- and nano-rods/tubes based on nonlocal Timoshenko beam theory. <i>Journal Physics D: Applied Physics</i> , 2006 , 39, 3904-3909	3	317
485	Vibration of nonlocal Timoshenko beams. <i>Nanotechnology</i> , 2007 , 18, 105401	3.4	303
484	Calibration of nonlocal scaling effect parameter for free vibration of carbon nanotubes by molecular dynamics. <i>Journal of Applied Physics</i> , 2007 , 101, 024305	2.5	287
483	The constitutive relation and small scale parameter of nonlocal continuum mechanics for modelling carbon nanotubes. <i>Nanotechnology</i> , 2007 , 18, 075702	3.4	285
482	Axisymmetric bending of functionally graded circular and annular plates. <i>European Journal of Mechanics, A/Solids</i> , 1999 , 18, 185-199	3.7	279
481	Hydroelastic analysis of pontoon-type VLFS: a literature survey. <i>Engineering Structures</i> , 2004 , 26, 245-256	4.7	216
480	Reinforcing Effects of Graphene Oxide on Portland Cement Paste. <i>Journal of Materials in Civil Engineering</i> , 2015 , 27,	3	214
479	Non-local elastic plate theories. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2007 , 463, 3225-3240	2.4	201
478	Mechanical properties of bilayer graphene sheets coupled by sp ³ bonding. <i>Carbon</i> , 2011 , 49, 4511-4517	10.4	191
477	Timoshenko beam model for vibration analysis of multi-walled carbon nanotubes. <i>Journal of Sound and Vibration</i> , 2006 , 294, 1060-1072	3.9	190
476	Mechanical properties of graphynes under tension: A molecular dynamics study. <i>Applied Physics Letters</i> , 2012 , 101, 081909	3.4	184
475	Effect of ultrasonication energy on engineering properties of carbon nanotube reinforced cement pastes. <i>Carbon</i> , 2015 , 85, 212-220	10.4	170
474	Exact solutions for axisymmetric bending of micro/nanoscale circular plates based on nonlocal plate theory. <i>Nanotechnology</i> , 2007 , 18, 385704	3.4	151
473	Beam Bending Solutions Based on Nonlocal Timoshenko Beam Theory. <i>Journal of Engineering Mechanics - ASCE</i> , 2008 , 134, 475-481	2.4	137

472	On nonconservativeness of Eringen's nonlocal elasticity in beam mechanics: correction from a discrete-based approach. <i>Archive of Applied Mechanics</i> , 2014 , 84, 1275-1292	2.2	128
471	Bending, Buckling, and Vibration of Micro/Nanobeams by Hybrid Nonlocal Beam Model. <i>Journal of Engineering Mechanics - ASCE</i> , 2010 , 136, 562-574	2.4	127
470	Effectiveness of tuned liquid column dampers for vibration control of towers. <i>Engineering Structures</i> , 1995 , 17, 668-675	4.7	122
469	Exact variational nonlocal stress modeling with asymptotic higher-order strain gradients for nanobeams. <i>Journal of Applied Physics</i> , 2007 , 101, 054312	2.5	117
468	Timoshenko Beam-Bending Solutions in Terms of Euler-Bernoulli Solutions. <i>Journal of Engineering Mechanics - ASCE</i> , 1995 , 121, 763-765	2.4	107
467	Very Large Floating Structures: Applications, Research and Development. <i>Procedia Engineering</i> , 2011 , 14, 62-72		105
466	Recent Studies on Buckling of Carbon Nanotubes. <i>Applied Mechanics Reviews</i> , 2010 , 63,	8.6	103
465	Vibration Of Thick Skew Plates Based On Mindlin Shear Deformation Plate Theory. <i>Journal of Sound and Vibration</i> , 1993 , 168, 39-69	3.9	103
464	Buckling of thick skew plates. <i>International Journal for Numerical Methods in Engineering</i> , 1993 , 36, 1299-1310	4.1	103
463	Assessment of continuum mechanics models in predicting buckling strains of single-walled carbon nanotubes. <i>Nanotechnology</i> , 2009 , 20, 395707	3.4	99
462	Canonical exact solutions for Levy-plates on two-parameter foundation using Green's functions. <i>Engineering Structures</i> , 2000 , 22, 364-378	4.7	96
461	Effect of Covalent Functionalization on Thermal Transport across Graphene-Polymer Interfaces. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 12731-12738	3.8	92
460	pb-2 Rayleigh - Ritz method for general plate analysis. <i>Engineering Structures</i> , 1993 , 15, 55-60	4.7	92
459	Discrete systems behave as nonlocal structural elements: Bending, buckling and vibration analysis. <i>European Journal of Mechanics, A/Solids</i> , 2014 , 44, 125-135	3.7	83
458	Nonlinear bending and stretching of a circular graphene sheet under a central point load. <i>Nanotechnology</i> , 2009 , 20, 075702	3.4	82
457	A molecular dynamics investigation on thermal conductivity of graphynes. <i>Computational Materials Science</i> , 2012 , 65, 406-410	3.2	80
456	Exact Solutions for Buckling of Structural Members		80
455	Review of recent research and developments on floating breakwaters. <i>Ocean Engineering</i> , 2018 , 158, 132-151	3.9	79

454	Thermal conductivity of defective graphene. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012 , 376, 3668-3672	2.3	78
453	Exact vibration solution for initially stressed Mindlin plates on Pasternak foundations. <i>International Journal of Mechanical Sciences</i> , 1994 , 36, 311-316	5.5	78
452	Treatment of mixed and nonuniform boundary conditions in GDQ vibration analysis of rectangular plates. <i>Engineering Structures</i> , 1999 , 21, 125-134	4.7	75
451	Carbon nanotube/element composites: A retrospect. <i>IES Journal Part A: Civil and Structural Engineering</i> , 2011 , 4, 254-265		72
450	Hydroelastic response of very large floating structure with a flexible line connection. <i>Ocean Engineering</i> , 2011 , 38, 1957-1966	3.9	72
449	Free vibration of nanorings/arches based on nonlocal elasticity. <i>Journal of Applied Physics</i> , 2008 , 104, 014303	2.5	72
448	Dynamic behavior of triple-walled carbon nanotubes conveying fluid. <i>Journal of Sound and Vibration</i> , 2009 , 319, 1003-1018	3.9	70
447	Modeling of van der Waals force for infinitesimal deformation of multi-walled carbon nanotubes treated as cylindrical shells. <i>International Journal of Solids and Structures</i> , 2005 , 42, 6032-6047	3.1	70
446	Relationships between bending solutions of Reissner and Mindlin plate theories. <i>Engineering Structures</i> , 2001 , 23, 838-849	4.7	70
445	Buckling of Monosymmetric I-Beams under Moment Gradient. <i>Journal of Structural Engineering</i> , 1986 , 112, 781-799	3	69
444	Relationships between bending solutions of classical and shear deformation beam theories. <i>International Journal of Solids and Structures</i> , 1997 , 34, 3373-3384	3.1	68
443	Effect of chirality on buckling behavior of single-walled carbon nanotubes. <i>Journal of Applied Physics</i> , 2006 , 100, 074304	2.5	65
442	FREE VIBRATION OF SKEW SANDWICH PLATES WITH LAMINATED FACINGS. <i>Journal of Sound and Vibration</i> , 2000 , 235, 317-340	3.9	65
441	Theoretical and experimental studies on rectangular liquid dampers under arbitrary excitations. <i>Earthquake Engineering and Structural Dynamics</i> , 1994 , 23, 17-31	4	65
440	Sanders shell model for buckling of single-walled carbon nanotubes with small aspect ratio. <i>Composite Structures</i> , 2011 , 93, 1683-1691	5.3	63
439	Calibration of Eringen's small length scale coefficient for initially stressed vibrating nonlocal Euler beams based on microstructured beam model. <i>Journal Physics D: Applied Physics</i> , 2013 , 46, 345501	3	60
438	Hencky Bar-Chain Model for Buckling and Vibration of Beams with Elastic End Restraints. <i>International Journal of Structural Stability and Dynamics</i> , 2015 , 15, 1540007	1.9	59
437	Analytical length scale calibration of nonlocal continuum from a microstructured buckling model. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2014 , 94, 402-413	1	59

436	Buckling of rectangular mindlin plates with internal line supports. <i>International Journal of Solids and Structures</i> , 1993 , 30, 1-17	3.1	59
435	VIBRATION OF INITIALLY STRESSED MICRO- AND NANO-BEAMS. <i>International Journal of Structural Stability and Dynamics</i> , 2007 , 07, 555-570	1.9	57
434	Literature Review of Methods for Mitigating Hydroelastic Response of VLFS Under Wave Action. <i>Applied Mechanics Reviews</i> , 2010 , 63,	8.6	56
433	Large deflections of an end supported beam subjected to a point load. <i>International Journal of Non-Linear Mechanics</i> , 1997 , 32, 63-72	2.8	55
432	Vibration control of various types of buildings using TLCD. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 1999 , 83, 197-208	3.7	55
431	Buckling of Skew Plates and Corner Condition for Simply Supported Edges. <i>Journal of Engineering Mechanics - ASCE</i> , 1992 , 118, 651-662	2.4	55
430	Optimal placement and size of piezoelectric patches on beams from the controllability perspective. <i>Smart Materials and Structures</i> , 2000 , 9, 558-567	3.4	54
429	Exact Solution for Buckling of Columns Including Self-Weight. <i>Journal of Engineering Mechanics - ASCE</i> , 2008 , 134, 116-119	2.4	53
428	Elastic/plastic buckling of thick plates. <i>International Journal of Solids and Structures</i> , 2001 , 38, 8617-8640	3.1	53
427	On plane Prager-structures□ <i>International Journal of Mechanical Sciences</i> , 1983 , 25, 519-527	5.5	53
426	An overview of the relationships between solutions of the classical and shear deformation plate theories. <i>Composites Science and Technology</i> , 2000 , 60, 2327-2335	8.6	51
425	Review of cage and containment tank designs for offshore fish farming. <i>Aquaculture</i> , 2020 , 519, 734928	4.4	50
424	Buckling of carbon nanotubes: a literature survey. <i>Journal of Nanoscience and Nanotechnology</i> , 2007 , 7, 4221-47	1.3	48
423	A CONTROLLABILITY INDEX FOR OPTIMAL DESIGN OF PIEZOELECTRIC ACTUATORS IN VIBRATION CONTROL OF BEAM STRUCTURES. <i>Journal of Sound and Vibration</i> , 2001 , 242, 507-518	3.9	48
422	Eringen's length scale coefficient for buckling of nonlocal rectangular plates from microstructured beam-grid model. <i>International Journal of Solids and Structures</i> , 2014 , 51, 4307-4315	3.1	47
421	A molecular dynamics investigation of the torsional responses of defective single-walled carbon nanotubes. <i>Carbon</i> , 2010 , 48, 4100-4108	10.4	47
420	Elastic buckling analysis of ring-stiffened cylindrical shells under general pressure loading via the Ritz method. <i>Thin-Walled Structures</i> , 1999 , 35, 1-24	4.7	47
419	Vibration and Buckling of Super Elliptical Plates. <i>Journal of Sound and Vibration</i> , 1994 , 171, 301-314	3.9	46

418	Connection design for two-floating beam system for minimum hydroelastic response. <i>Marine Structures</i> , 2010 , 23, 67-87	3.8	45
417	Ritz Method for Vibration Analysis of Cylindrical Shells with Ring Stiffeners. <i>Journal of Engineering Mechanics - ASCE</i> , 1997 , 123, 134-142	2.4	45
416	Bending solutions of Levinson beams and plates in terms of the classical theories. <i>International Journal of Solids and Structures</i> , 2001 , 38, 4701-4720	3.1	45
415	Buckling of defective carbon nanotubes. <i>Journal of Applied Physics</i> , 2009 , 106, 113503	2.5	44
414	Effect of strain rate on the buckling behavior of single- and double-walled carbon nanotubes. <i>Carbon</i> , 2007 , 45, 514-523	10.4	44
413	EXACT BUCKLING AND VIBRATION SOLUTIONS FOR STEPPED RECTANGULAR PLATES. <i>Journal of Sound and Vibration</i> , 2002 , 250, 503-517	3.9	44
412	Nonlocal Equivalent Continua for Buckling and Vibration Analyses of Microstructured Beams. <i>Journal of Nanomechanics & Micromechanics</i> , 2015 , 5,		43
411	POSTBUCKLING OF NANO RODS/TUBES BASED ON NONLOCAL BEAM THEORY. <i>International Journal of Applied Mechanics</i> , 2009 , 01, 259-266	2.4	43
410	Buckling of carbon nanotubes at high temperatures. <i>Nanotechnology</i> , 2009 , 20, 215702	3.4	43
409	A higher-order plate element for accurate prediction of interlaminar stresses in laminated composite plates. <i>Composite Structures</i> , 2009 , 91, 337-357	5.3	42
408	Buckling solutions for Mindlin plates of various shapes. <i>Engineering Structures</i> , 1994 , 16, 119-127	4.7	42
407	Vibration analysis of arbitrarily shaped membranes using local radial basis function-based differential quadrature method. <i>Journal of Sound and Vibration</i> , 2007 , 306, 252-270	3.9	41
406	Large Deflection of Beams under Moment Gradient. <i>Journal of Engineering Mechanics - ASCE</i> , 1994 , 120, 1848-1860	2.4	41
405	Natural Frequencies Formula for Simply Supported Mindlin Plates. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 1994 , 116, 536-540	1.6	40
404	Eringen's Stress Gradient Model for Bending of Nonlocal Beams. <i>Journal of Engineering Mechanics - ASCE</i> , 2016 , 142, 04016095	2.4	40
403	Eringen's small length scale coefficient for buckling of nonlocal Timoshenko beam based on microstructured beam model. <i>Journal of Applied Physics</i> , 2013 , 114, 114902	2.5	39
402	VIBRATION FREQUENCIES OF SIMPLY SUPPORTED POLYGONAL SANDWICH PLATES VIA KIRCHHOFF SOLUTIONS. <i>Journal of Sound and Vibration</i> , 1996 , 190, 255-260	3.9	39
401	Development of analytical vibration solutions for microstructured beam model to calibrate length scale coefficient in nonlocal Timoshenko beams. <i>Journal of Applied Physics</i> , 2013 , 114, 104312	2.5	38

400	Timoshenko curved beam bending solutions in terms of Euler-Bernoulli solutions. <i>Archive of Applied Mechanics</i> , 1997 , 67, 179-190	2.2	38
399	Flexural vibration of shear deformable circular and annular plates on ring supports. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1993 , 110, 301-315	5.7	38
398	Discrete and non-local elastica. <i>International Journal of Non-Linear Mechanics</i> , 2015 , 77, 128-140	2.8	37
397	Buckling of Multiwalled Carbon Nanotubes Using Timoshenko Beam Theory. <i>Journal of Engineering Mechanics - ASCE</i> , 2006 , 132, 952-958	2.4	37
396	Critical examination of midplane and neutral plane formulations for vibration analysis of FGM beams. <i>Engineering Structures</i> , 2017 , 130, 275-281	4.7	36
395	Shooting-optimization technique for large deflection analysis of structural members. <i>Engineering Structures</i> , 1992 , 14, 231-240	4.7	36
394	Buckling and vibrations of microstructured rectangular plates considering phenomenological and lattice-based nonlocal continuum models. <i>Composite Structures</i> , 2016 , 149, 145-156	5.3	36
393	On boundary conditions for buckling and vibration of nonlocal beams. <i>European Journal of Mechanics, A/Solids</i> , 2017 , 61, 73-81	3.7	35
392	Control of wind-excited towers by active tuned liquid column damper. <i>Engineering Structures</i> , 2001 , 23, 1054-1067	4.7	35
391	Vibrations of cylindrical shells with intermediate supports. <i>Journal of Sound and Vibration</i> , 1995 , 187, 69-93	3.9	35
390	2012 ,		35
389	Reduction of structural vibrations by multiple-mode liquid dampers. <i>Engineering Structures</i> , 1995 , 17, 122-128	4.7	34
388	Axisymmetric Buckling of Circular Mindlin Plates with Ring Supports. <i>Journal of Structural Engineering</i> , 1993 , 119, 782-793	3	34
387	Buckling capacities of braced heavy columns under an axial load. <i>Computers and Structures</i> , 1988 , 28, 563-571	4.5	34
386	Deflection relationships between classical and third-order plate theories. <i>Acta Mechanica</i> , 1998 , 130, 199-208	2.1	33
385	Obtaining Eringen's length scale coefficient for vibrating nonlocal beams via continualization method. <i>Journal of Sound and Vibration</i> , 2014 , 333, 4977-4990	3.9	32
384	Tunable wrinkling pattern in annular graphene under circular shearing at inner edge. <i>Nanoscale</i> , 2012 , 4, 5077-81	7.7	32
383	Hydroelastic responses and interactions of floating fuel storage modules placed side-by-side with floating breakwaters. <i>Marine Structures</i> , 2009 , 22, 633-658	3.8	32

382	Benchmark hydroelastic responses of a circular VLFS under wave action. <i>Engineering Structures</i> , 2006 , 28, 423-430	4.7	32
381	Buckling of a Weakened Column. <i>Journal of Engineering Mechanics - ASCE</i> , 2004 , 130, 1373-1376	2.4	32
380	Vibration Analysis of Plates by the pb-2 Rayleigh-Ritz Method: Mixed Boundary Conditions, Reentrant Corners, and Internal Curved Supports* *Communicated by T. Amos. <i>Mechanics Based Design of Structures and Machines</i> , 1992 , 20, 281-292		32
379	Vibration studies on skew plates: Treatment of internal line supports. <i>Computers and Structures</i> , 1993 , 49, 941-951	4.5	32
378	Free vibration of isosceles triangular mindlin plates. <i>International Journal of Mechanical Sciences</i> , 1993 , 35, 89-102	5.5	32
377	Improvement of mechanical properties by incorporating graphene oxide into cement mortar. <i>Mechanics of Advanced Materials and Structures</i> , 2018 , 25, 1313-1322	1.8	31
376	Plastic buckling analysis of thick plates using p-Ritz method. <i>International Journal of Solids and Structures</i> , 2007 , 44, 6239-6255	3.1	31
375	Buckling of double-walled carbon nanotubes modeled by solid shell elements. <i>Journal of Applied Physics</i> , 2006 , 99, 114317	2.5	31
374	Exact Solutions for Timoshenko Beams on Elastic Foundations Using Green's Functions*. <i>Mechanics Based Design of Structures and Machines</i> , 1998 , 26, 101-113		31
373	Optimal Damper Characteristics of ATMD for Buildings under Wind Loads. <i>Journal of Structural Engineering</i> , 1999 , 125, 1376-1383	3	31
372	On stability of monosymmetric cantilevers. <i>Engineering Structures</i> , 1986 , 8, 169-180	4.7	31
371	Buckling Capacities of Monosymmetric I-Beams. <i>Journal of Structural Engineering</i> , 1986 , 112, 2373-2391	3	31
370	Hencky bar-chain model for buckling and vibration analyses of non-uniform beams on variable elastic foundation. <i>Engineering Structures</i> , 2016 , 126, 252-263	4.7	31
369	EXAMINATION OF CYLINDRICAL SHELL THEORIES FOR BUCKLING OF CARBON NANOTUBES. <i>International Journal of Structural Stability and Dynamics</i> , 2011 , 11, 1035-1058	1.9	30
368	Eringen's Length-Scale Coefficients for Vibration and Buckling of Nonlocal Rectangular Plates with Simply Supported Edges. <i>Journal of Engineering Mechanics - ASCE</i> , 2015 , 141, 04014117	2.4	29
367	Buckling of Nonlocal Columns with Allowance for Selfweight. <i>Journal of Engineering Mechanics - ASCE</i> , 2016 , 142, 04016037	2.4	29
366	Research on floating wind turbines: a literature survey. <i>IES Journal Part A: Civil and Structural Engineering</i> , 2010 , 3, 267-277		29
365	Buckling and vibration of Hencky bar-chain with internal elastic springs. <i>International Journal of Mechanical Sciences</i> , 2016 , 119, 383-395	5.5	28

364	Nonlocal or gradient elasticity macroscopic models: A question of concentrated or distributed microstructure. <i>Mechanics Research Communications</i> , 2016 , 71, 25-31	2.2	28
363	Reducing hydroelastic response of pontoon-type very large floating structures using flexible connector and gill cells. <i>Engineering Structures</i> , 2013 , 52, 372-383	4.7	28
362	Thick Lly plates re-visited. <i>International Journal of Solids and Structures</i> , 2002 , 39, 127-144	3.1	28
361	Mindlin Plate Buckling with Prebuckling In-Plane Deformation. <i>Journal of Engineering Mechanics - ASCE</i> , 1993 , 119, 1-18	2.4	28
360	Buckling of triangular plates under uniform compression. <i>Engineering Structures</i> , 1994 , 16, 43-50	4.7	28
359	Buckling and vibration analysis of nonlocal axially functionally graded nanobeams based on Hencky-bar chain model. <i>Applied Mathematical Modelling</i> , 2018 , 63, 445-463	4.5	27
358	Buckling of circular plates with an internal ring support and elastically restrained edges. <i>Thin-Walled Structures</i> , 2001 , 39, 821-825	4.7	27
357	On plane Prager-structures. <i>International Journal of Mechanical Sciences</i> , 1983 , 25, 529-541	5.5	27
356	Hencky bar-chain model for buckling analysis of non-uniform columns. <i>Structures</i> , 2016 , 6, 73-84	3.4	27
355	Small length scale coefficient for Eringen and lattice-based continualized nonlocal circular arches in buckling and vibration. <i>Composite Structures</i> , 2017 , 165, 148-159	5.3	26
354	Mechanical behavior of geopolymer concrete subjected to high strain rate compressive loadings. <i>Materials and Structures/Materiaux Et Constructions</i> , 2015 , 48, 671-681	3.4	26
353	Revisiting finite difference and finite element methods applied to structural mechanics within enriched continua. <i>European Journal of Mechanics, A/Solids</i> , 2015 , 53, 107-120	3.7	26
352	AN APPLICATION OF DIFFERENTIAL TRANSFORMATION TO STABILITY ANALYSIS OF HEAVY COLUMNS. <i>International Journal of Structural Stability and Dynamics</i> , 2006 , 06, 317-332	1.9	26
351	Deposition and characterization of TaN/Ti nanocomposite thin films. <i>Surface and Coatings Technology</i> , 2006 , 200, 3179-3183	4.4	26
350	Optimal plastic design of axisymmetric solid plates with a maximum thickness constraint. <i>Computers and Structures</i> , 1984 , 18, 653-665	4.5	26
349	Buckling of Vertical Cylindrical Shells Under Combined End Pressure and Body Force. <i>Journal of Engineering Mechanics - ASCE</i> , 2003 , 129, 876-884	2.4	25
348	Double Curvature Bending of Variable-Arc-Length Elasticas. <i>Journal of Applied Mechanics, Transactions ASME</i> , 1999 , 66, 87-94	2.7	25
347	Deflection and stress-resultants of axisymmetric mindlin plates in terms of corresponding Kirchhoff solutions. <i>International Journal of Mechanical Sciences</i> , 1996 , 38, 1179-1185	5.5	25

346	Free vibration analysis of plates using least-square-based finite difference method. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2007 , 196, 1330-1343	5.7	24
345	Evaluation of modal stress resultants in freely vibrating plates. <i>International Journal of Solids and Structures</i> , 2001 , 38, 6525-6558	3.1	24
344	Vibration Analysis of Annular Plates with Concentric Supports Using a Variant of Rayleigh-Ritz Method. <i>Journal of Sound and Vibration</i> , 1993 , 163, 137-149	3.9	24
343	Analytical buckling solutions for circular Mindlin plates: inclusion of inplane prebuckling deformation. <i>Archive of Applied Mechanics</i> , 1993 , 63, 534-542	2.2	24
342	Wave energy converter and large floating platform integration: A review. <i>Ocean Engineering</i> , 2020 , 213, 107768	3.9	24
341	Interfacial Thermal Conductance and Thermal Rectification of Hexagonal BCnN/Graphene In-Plane Heterojunctions. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 22783-22789	3.8	24
340	UNIFIED FINITE ELEMENTS BASED ON THE CLASSICAL AND SHEAR DEFORMATION THEORIES OF BEAMS AND AXISYMMETRIC CIRCULAR PLATES. <i>Communications in Numerical Methods in Engineering</i> , 1997 , 13, 495-510		23
339	Torsional responses of double-walled carbon nanotubes via molecular dynamics simulations. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 455214	1.8	23
338	Electrical properties of TaN/Cu nanocomposite thin films. <i>Ceramics International</i> , 2004 , 30, 1879-1883	5.1	23
337	Pressure dependence of the instability of multiwalled carbon nanotubes conveying fluids. <i>Archive of Applied Mechanics</i> , 2008 , 78, 637-648	2.2	22
336	Effectiveness of TLCD on various structural systems. <i>Engineering Structures</i> , 1999 , 21, 291-305	4.7	22
335	Allowance for prebuckling deformations in buckling load relationship between Mindlin and Kirchhoff simply supported plates of general polygonal shape. <i>Engineering Structures</i> , 1995 , 17, 413-418	4.7	22
334	Comparison of nonlocal continualization schemes for lattice beams and plates. <i>Archive of Applied Mechanics</i> , 2017 , 87, 1105-1138	2.2	21
333	Effect of strain rate on splitting tensile strength of geopolymer concrete. <i>Magazine of Concrete Research</i> , 2014 , 66, 825-835	2	21
332	FREE VIBRATION AND BUCKLING ANALYSIS OF HIGHLY SKEWED PLATES BY LEAST SQUARES-BASED FINITE DIFFERENCE METHOD. <i>International Journal of Structural Stability and Dynamics</i> , 2010 , 10, 225-252	1.9	21
331	Examining the effects of wall numbers on buckling behavior and mechanical properties of multiwalled carbon nanotubes via molecular dynamics simulations. <i>Journal of Applied Physics</i> , 2008 , 103, 053505	2.5	21
330	Buckling of skew mindlin plates subjected to in-plane shear loadings. <i>International Journal of Mechanical Sciences</i> , 1995 , 37, 1089-1101	5.5	21
329	Buckling of polygonal and circular sandwich plates. <i>AIAA Journal</i> , 1995 , 33, 962-964	2.1	21

328	Buckling load relationship between Reddy and Kirchhoff plates of polygonal shape with simply supported edges. <i>Mechanics Research Communications</i> , 1997 , 24, 103-108	2.2	20
327	VIBRATION OF A BEAM WITH AN INTERNAL HINGE. <i>International Journal of Structural Stability and Dynamics</i> , 2001 , 01, 163-167	1.9	20
326	Simply Supported Polygonal Mindlin Plate Deflections Using Kirchhoff Plates. <i>Journal of Engineering Mechanics - ASCE</i> , 1995 , 121, 1383-1385	2.4	20
325	Buckling And Vibration Of Annular Mindlin Plates With Internal Concentric Ring Supports Subject To In-Plane Radial Pressure. <i>Journal of Sound and Vibration</i> , 1994 , 177, 689-707	3.9	20
324	Parametric study on distortional buckling of monosymmetric beam-columns. <i>Journal of Constructional Steel Research</i> , 1991 , 18, 89-110	3.8	20
323	Structural Vibration		20
322	Analysis and design of floating prestressed concrete structures in shallow waters. <i>Marine Structures</i> , 2018 , 59, 301-320	3.8	19
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