

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.

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	Analytical solutions of hydroelastic interactions between waves and submerged open-net fish cage modeled as a porous cylindrical thin shell. <i>Physics of Fluids</i> , <b>2022</b> , 34, 017104	4.4	6
488	Finite element - Multi-domain boundary element method for hydroelastic analysis of large floating pontoons with perforated plates. <i>Ocean Engineering</i> , <b>2022</b> , 246, 110659	3.9	0
487	Hencky bar-grid model and Hencky bar-net model for buckling analysis of rectangular plates <b>2022</b> , 75-107		0
486	Plastic buckling of plates <b>2022</b> , 237-267		
485	Potential flow theory-based analytical and numerical modelling of porous and perforated breakwaters: A review. <i>Ocean Engineering</i> , <b>2022</b> , 249, 110897	3.9	2
484	A frequency domain approach for analyzing motion responses of integrated offshore fish cage and wind turbine under wind and wave actions. <i>Aquacultural Engineering</i> , <b>2022</b> , 97, 102241	3	1
483	Prediction of Elastic-Softening-Debonding behavior for CFRP Tendon-Adhesively bonded anchors. <i>Structures</i> , <b>2022</b> , 40, 659-666	3.4	0
482	Floating forest: A novel breakwater-windbreak structure against wind and wave hazards. <i>Frontiers of Structural and Civil Engineering</i> , <b>2021</b> , 15, 1111	2.5	2
481	Coupled analytical-numerical approach for determining hydrodynamic responses of breakwater with multiple OWCs. <i>Marine Structures</i> , <b>2021</b> , 80, 103097	3.8	0
480	Comparison of Numerical and Semi-analytical Dynamic Results for Inclined Beam Under Moving Load. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 1075-1085	0.3	
479	Representative Transmission Coefficient for Evaluating the Wave Attenuation Performance of 3D Floating Breakwaters in Regular and Irregular Waves. <i>Journal of Marine Science and Engineering</i> , <b>2021</b> , 9, 388	2.4	5
478	Predicting far-lee wind flow characteristics behind a 2D wedge-shaped obstacle: Experiments, numerical simulations and empirical equations. <i>Building and Environment</i> , <b>2021</b> , 194, 107673	6.5	0
477	Hencky Bar-Grid Model for Plane Stress Elasticity Problems. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2021</b> , 147, 04021021	2.4	3
476	Hencky Bar-Chain Model for Buckling Analysis and Optimal Design of Trapezoidal Arches <b>2021</b> , 229-247		
475	Elasticity solutions for nano-plane structures under body forces using lattice elasticity, continualised nonlocal model and Eringen nonlocal model. <i>Continuum Mechanics and Thermodynamics</i> , <b>2021</b> , 33, 2453-2480	3.5	2
474	Design development of porous collar barrier for offshore floating fish cage against wave action, debris and predators. <i>Aquacultural Engineering</i> , <b>2021</b> , 92, 102137	3	1
473	Examination of net volume reduction of gravity-type open-net fish cages under sea currents. <i>Aquacultural Engineering</i> , <b>2021</b> , 92, 102128	3	8

472	Lattice-Based Nonlocal Elastic Structural Models. <i>Springer Tracts in Mechanical Engineering</i> , <b>2021</b> , 1-50	0.3	1
471	Modelling wide perforated breakwater with horizontal slits using Hybrid-BEM method. <i>Ocean Engineering</i> , <b>2021</b> , 222, 108630	3.9	4
470	Research and development in connector systems for Very Large Floating Structures. <i>Ocean Engineering</i> , <b>2021</b> , 232, 109150	3.9	4
469	Hydrodynamic Behaviour of Floating Polygonal Platforms under Wave Action. <i>Journal of Marine Science and Engineering</i> , <b>2021</b> , 9, 923	2.4	1
468	Moving internal node element method for dynamic analysis of beam structure under moving vehicle. <i>Journal of Sound and Vibration</i> , <b>2021</b> , 511, 116348	3.9	1
467	A Semi-Analytical Model for Studying Hydroelastic Behaviour of a Cylindrical Net Cage under Wave Action. <i>Journal of Marine Science and Engineering</i> , <b>2021</b> , 9, 1445	2.4	3
466	Elastic In-Plane Buckling of Funicular Arches. <i>International Journal of Structural Stability and Dynamics</i> , <b>2020</b> , 20, 2041014	1.9	0
465	Hydrodynamics study on rectangular porous breakwater with horizontal internal water channels. <i>Journal of Ocean Engineering and Marine Energy</i> , <b>2020</b> , 6, 377-398	1.5	4
464	Extensible beam-like metastructures at the microscale: Theoretical and modified Hencky bar-chain modeling. <i>International Journal of Mechanical Sciences</i> , <b>2020</b> , 180, 105636	5.5	3
463	Optimal Design of Triangular Arches against Buckling. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2020</b> , 146, 04020059	2.4	1
462	Heaving wave energy converter-type attachments to a pontoon-type very large floating structure. <i>Engineering Structures</i> , <b>2020</b> , 219, 110964	4.7	4
461	Nonlinear vibrations of graphene piezoelectric microsheet under coupled excitations. <i>International Journal of Non-Linear Mechanics</i> , <b>2020</b> , 124, 103498	2.8	7
460	Hydrodynamic Response Analysis of Combined Spar Wind Turbine and Fish Cage for Offshore Fish Farms. <i>International Journal of Structural Stability and Dynamics</i> , <b>2020</b> , 20, 2050104	1.9	6
459	Review of models for predicting wind characteristics behind windbreaks. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , <b>2020</b> , 199, 104117	3.7	5
458	Optimal design of steel buckling-restrained braces considering stiffness and strength requirements. <i>Engineering Structures</i> , <b>2020</b> , 211, 110437	4.7	14
457	Vibration Absorber for Spring-Mass System Using a Hanging Heavy Column with Rotationally Restrained End. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2020</b> , 146, 06020001	2.4	
456	Review of cage and containment tank designs for offshore fish farming. <i>Aquaculture</i> , <b>2020</b> , 519, 734928	4.4	50
455	Further insights into moving load problem on inclined beam based on semi-analytical solution. <i>Structures</i> , <b>2020</b> , 26, 247-256	3.4	9

454	Oscillating Wave Surge Converter-Type Attachment for Extracting Wave Energy While Reducing Hydroelastic Responses of Very Large Floating Structures. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , <b>2020</b> , 142,	1.5	2
453	Floating Solutions for Challenges Facing Humanity. <i>Lecture Notes in Civil Engineering</i> , <b>2020</b> , 3-29	0.3	
452	Vibration of a Segmented Rod. <i>International Journal of Structural Stability and Dynamics</i> , <b>2020</b> , 20, 2071014	1.1	0
451	Fatigue Design Criteria for Adhesively Bonded Anchorage for CFRP Tendon. <i>Lecture Notes in Civil Engineering</i> , <b>2020</b> , 373-384	0.3	1
450	Uncovering Physical Structural Model Behind Finite Difference Model for Vibration Analysis of Plates. <i>Lecture Notes in Civil Engineering</i> , <b>2020</b> , 245-254	0.3	
449	A Pitching WEC-Type Attachment for Extracting Wave Energy and Reducing Hydroelastic Response of VLFS. <i>Lecture Notes in Civil Engineering</i> , <b>2020</b> , 199-207	0.3	2
448	Integrally hydrophobic cementitious composites made with waste amorphous carbon powder. <i>Construction and Building Materials</i> , <b>2020</b> , 233, 117238	6.7	12
447	Two-mode WEC-type attachment for wave energy extraction and reduction of hydroelastic response of pontoon-type VLFS. <i>Ocean Engineering</i> , <b>2020</b> , 197, 106875	3.9	4
446	Experimental study on wedge-bonded anchors for CFRP tendons under cyclic loading. <i>Construction and Building Materials</i> , <b>2020</b> , 236, 117599	6.7	3
445	An enhanced Hencky bar-chain model for bending, buckling and vibration analyses of Reddy beams. <i>Engineering Structures</i> , <b>2020</b> , 221, 111056	4.7	5
444	Dynamic Stability and Response of Inclined Beams Under Moving Mass and Follower Force. <i>International Journal of Structural Stability and Dynamics</i> , <b>2020</b> , 20, 2043004	1.9	3
443	Wave energy converter and large floating platform integration: A review. <i>Ocean Engineering</i> , <b>2020</b> , 213, 107768	3.9	24
442	Calibration of Eringen's small length scale coefficient for buckling circular and annular plates via Hencky bar-net model. <i>Applied Mathematical Modelling</i> , <b>2020</b> , 78, 399-417	4.5	1
441	Floating Forest: A Novel Concept of Floating Breakwater-Windbreak Structure. <i>Lecture Notes in Civil Engineering</i> , <b>2020</b> , 219-234	0.3	2
440	Hencky Bar-Chain model for buckling analysis of non-symmetric portal frames. <i>Engineering Structures</i> , <b>2019</b> , 182, 391-402	4.7	7
439	Extracting energy while reducing hydroelastic responses of VLFS using a modular raft wec-type attachment. <i>Applied Ocean Research</i> , <b>2019</b> , 84, 302-316	3.4	14
438	Scale effect and higher-order boundary conditions for generalized lattices, with direct and indirect interactions. <i>Mechanics Research Communications</i> , <b>2019</b> , 97, 1-7	2.2	15
437	Dynamic response and stability of an inclined Euler beam under a moving vertical concentrated load. <i>Engineering Structures</i> , <b>2019</b> , 186, 243-254	4.7	17

436	Matrix Method for Buckling Analysis of Frames Based on Hencky Bar-Chain Model. <i>International Journal of Structural Stability and Dynamics</i> , <b>2019</b> , 19, 1950093	1.9	4
435	Modeling joints with multiple members in Hencky bar-chain model for buckling analysis of frames. <i>International Journal of Mechanical Sciences</i> , <b>2019</b> , 164, 105165	5.5	1
434	Moving offshore for fish farming. <i>Journal of Aquaculture &amp; Marine Biology</i> , <b>2019</b> , 8, 38-39	0.2	5
433	Hydrodynamic Analysis of Partially Filled Liquid Tanks Subject to 3D Vehicular Manoeuvring. <i>Shock and Vibration</i> , <b>2019</b> , 2019, 1-14	1.1	2
432	Large Floating Structure with Free-Floating, Self-Stabilizing Tanks for Hydrocarbon Storage. <i>Energies</i> , <b>2019</b> , 12, 3487	3.1	9
431	Comparison of nano-plate bending behaviour by Eringen nonlocal plate, Hencky bar-net and continualised nonlocal plate models. <i>Acta Mechanica</i> , <b>2019</b> , 230, 885-907	2.1	11
430	Exact and nonlocal solutions for vibration of multiply connected bar-chain system with direct and indirect neighbouring interactions. <i>Journal of Sound and Vibration</i> , <b>2019</b> , 443, 63-73	3.9	8
429	Prediction and optimization of stress distribution in bonded anchors for CFRP tendons. <i>Engineering Structures</i> , <b>2019</b> , 180, 50-66	4.7	11
428	Optimization of modular raft WEC-type attachment to VLFS and module connections for maximum reduction in hydroelastic response and wave energy production. <i>Ocean Engineering</i> , <b>2019</b> , 172, 407-421	3.9	9
427	Buckling of multiply connected bar-chain and its associated continualized nonlocal model. <i>International Journal of Mechanical Sciences</i> , <b>2019</b> , 150, 168-175	5.5	9
426	Reducing hydroelastic responses of pontoon-type VLFS using vertical elastic mooring lines. <i>Marine Structures</i> , <b>2018</b> , 59, 251-270	3.8	18
425	Analysis and design of floating prestressed concrete structures in shallow waters. <i>Marine Structures</i> , <b>2018</b> , 59, 301-320	3.8	19
424	Review of recent research and developments on floating breakwaters. <i>Ocean Engineering</i> , <b>2018</b> , 158, 132-151	3.9	79
423	Modelling vibrating nano-strings by lattice, finite difference and Eringen's nonlocal models. <i>Journal of Sound and Vibration</i> , <b>2018</b> , 425, 41-52	3.9	10
422	Hencky Bar-Net Model for Vibration of Rectangular Plates with Mixed Boundary Conditions and Point Supports. <i>International Journal of Structural Stability and Dynamics</i> , <b>2018</b> , 18, 1850046	1.9	9
421	Hencky bar-net model for buckling analysis of plates under non-uniform stress distribution. <i>Thin-Walled Structures</i> , <b>2018</b> , 122, 344-358	4.7	8
420	Vibration of laminated-beams based on reference-plane formulation: Effect of end supports at different heights of the beam. <i>Engineering Structures</i> , <b>2018</b> , 159, 245-251	4.7	2
419	Hencky bar-chain model for optimal circular arches against buckling. <i>Mechanics Research Communications</i> , <b>2018</b> , 88, 7-11	2.2	10

418	Global dynamic response analysis of oil storage tank in finite water depth: Focusing on fender mooring system parameter design. <i>Ocean Engineering</i> , <b>2018</b> , 148, 247-262	3.9	15
417	Exact and Nonlocal Solutions for Vibration of Axial Lattice with Direct and Indirect Neighboring Interactions. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2018</b> , 144, 04018025	2.4	9
416	Improvement of mechanical properties by incorporating graphene oxide into cement mortar. <i>Mechanics of Advanced Materials and Structures</i> , <b>2018</b> , 25, 1313-1322	1.8	31
415	Buckling and vibration analysis of nonlocal axially functionally graded nanobeams based on Hencky-bar chain model. <i>Applied Mathematical Modelling</i> , <b>2018</b> , 63, 445-463	4.5	27
414	Uncovering the finite difference model equivalent to Hencky bar-net model for axisymmetric bending of circular and annular plates. <i>Applied Mathematical Modelling</i> , <b>2018</b> , 61, 300-315	4.5	11
413	Hencky bar-net model for buckling and vibration analyses of rectangular plates with non-uniform thickness. <i>Engineering Structures</i> , <b>2018</b> , 168, 653-668	4.7	6
412	Static and Dynamic Behaviors of Microstructured Membranes within Nonlocal Mechanics. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2018</b> , 144, 04017155	2.4	5
411	Interfacial Thermal Conductance and Thermal Rectification of Hexagonal BCnN/Graphene In-Plane Heterojunctions. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 22783-22789	3.8	24
410	Experimental study on fatigue performance of adhesively bonded anchorage system for CFRP tendons. <i>Composites Part B: Engineering</i> , <b>2018</b> , 150, 47-59	10	17
409	Extension of Hencky bar-net model for vibration analysis of rectangular plates with rectangular cutouts. <i>Journal of Sound and Vibration</i> , <b>2018</b> , 432, 65-87	3.9	17
408	Vibration of Heavy String Tethered to Mass-Spring System. <i>International Journal of Structural Stability and Dynamics</i> , <b>2017</b> , 17, 1771002	1.9	1
407	Semi-analytical solutions for optimal design of columns based on Hencky bar-chain model. <i>Engineering Structures</i> , <b>2017</b> , 136, 87-99	4.7	14
406	Small length scale coefficient for Eringen's and lattice-based continualized nonlocal circular arches in buckling and vibration. <i>Composite Structures</i> , <b>2017</b> , 165, 148-159	5.3	26
405	An approximate model for optimizing Bernoulli columns against buckling. <i>Engineering Structures</i> , <b>2017</b> , 141, 316-327	4.7	11
404	Comparison of nonlocal continualization schemes for lattice beams and plates. <i>Archive of Applied Mechanics</i> , <b>2017</b> , 87, 1105-1138	2.2	21
403	Experimental Study of Hydrodynamic Responses of a Single Floating Storage Tank With Internal Fluid <b>2017</b> ,		1
402	Eringen's small length scale coefficient for vibration of axially loaded nonlocal Euler beams with elastic end restraints <b>2017</b> , 1,		1
401	Hencky bar-net model for plate buckling. <i>Engineering Structures</i> , <b>2017</b> , 150, 947-954	4.7	17

400	Critical examination of midplane and neutral plane formulations for vibration analysis of FGM beams. <i>Engineering Structures</i> , <b>2017</b> , 130, 275-281	4.7	36
399	On boundary conditions for buckling and vibration of nonlocal beams. <i>European Journal of Mechanics, A/Solids</i> , <b>2017</b> , 61, 73-81	3.7	35
398	Initial Design of a Double Curved Floating Bridge and Global Hydrodynamic Responses Under Environmental Conditions <b>2017</b> ,		2
397	Buckling and vibration of Hencky bar-chain with internal elastic springs. <i>International Journal of Mechanical Sciences</i> , <b>2016</b> , 119, 383-395	5.5	28
396	Thermal Conductivity of Graphene and Its Polymer Nanocomposites: A Review <b>2016</b> , 1-28		3
395	Bending, Buckling, and Vibration of Equilateral Simply Supported or Clamped Triangular Plates with Rounded Corners. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2016</b> , 142, 04016074	2.4	2
394	Nonlocal or gradient elasticity macroscopic models: A question of concentrated or distributed microstructure. <i>Mechanics Research Communications</i> , <b>2016</b> , 71, 25-31	2.2	28
393	Buckling of Nonlocal Columns with Allowance for Selfweight. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2016</b> , 142, 04016037	2.4	29
392	From Ziegler to Beck's column: a nonlocal approach. <i>Archive of Applied Mechanics</i> , <b>2016</b> , 86, 1095-1118	2.2	5
391	Hencky bar-chain model for buckling analysis of non-uniform columns. <i>Structures</i> , <b>2016</b> , 6, 73-84	3.4	27
390	Buckling and vibrations of microstructured rectangular plates considering phenomenological and lattice-based nonlocal continuum models. <i>Composite Structures</i> , <b>2016</b> , 149, 145-156	5.3	36
389	Hencky bar-chain model for buckling and vibration analyses of non-uniform beams on variable elastic foundation. <i>Engineering Structures</i> , <b>2016</b> , 126, 252-263	4.7	31
388	Eringen's Stress Gradient Model for Bending of Nonlocal Beams. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2016</b> , 142, 04016095	2.4	40
387	Mechanical properties and microstructure of a graphene oxide/cement composite. <i>Cement and Concrete Composites</i> , <b>2015</b> , 58, 140-147	8.6	416
386	Mechanical behavior of geopolymers subjected to high strain rate compressive loadings. <i>Materials and Structures/Materiaux Et Constructions</i> , <b>2015</b> , 48, 671-681	3.4	26
385	Discrete and non-local elastica. <i>International Journal of Non-Linear Mechanics</i> , <b>2015</b> , 77, 128-140	2.8	37
384	Eringen's Length-Scale Coefficients for Vibration and Buckling of Nonlocal Rectangular Plates with Simply Supported Edges. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2015</b> , 141, 04014117	2.4	29
383	Hencky Bar-Chain Model for Buckling and Vibration of Beams with Elastic End Restraints. <i>International Journal of Structural Stability and Dynamics</i> , <b>2015</b> , 15, 1540007	1.9	59



382	Nonlocal Equivalent Continua for Buckling and Vibration Analyses of Microstructured Beams. <i>Journal of Nanomechanics &amp; Micromechanics</i> , <b>2015</b> , 5,		43
381	Nonlinear-elastic membrane-shell model for single-walled carbon nanotubes under uni-axial deformation. <i>Computational Materials Science</i> , <b>2015</b> , 97, 237-244	3.2	2
380	On lateral-torsional buckling of discrete elastic systems: A nonlocal approach. <i>European Journal of Mechanics, A/Solids</i> , <b>2015</b> , 49, 106-113	3.7	7
379	Reinforcing Effects of Graphene Oxide on Portland Cement Paste. <i>Journal of Materials in Civil Engineering</i> , <b>2015</b> , 27,	3	214
378	Discussion: Effect of strain rate on splitting tensile strength of geopolymer concrete. <i>Magazine of Concrete Research</i> , <b>2015</b> , 67, 906-907	2	0
377	Revisiting finite difference and finite element methods applied to structural mechanics within enriched continua. <i>European Journal of Mechanics, A/Solids</i> , <b>2015</b> , 53, 107-120	3.7	26
376	Effect of Covalent Functionalization on Thermal Transport across GraphenePolymer Interfaces. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 12731-12738	3.8	92
375	Closed-form solutions for funicular cables and arches. <i>Acta Mechanica</i> , <b>2015</b> , 226, 1641-1645	2.1	15
374	On Nonlocal Computation of Eigenfrequencies of Beams Using Finite Difference and Finite Element Methods. <i>International Journal of Structural Stability and Dynamics</i> , <b>2015</b> , 15, 1540008	1.9	14
373	Treatment of elastically restrained ends for beam buckling in finite difference, microstructured and nonlocal beam models. <i>Acta Mechanica</i> , <b>2015</b> , 226, 419-436	2.1	14
372	Effect of ultrasonication energy on engineering properties of carbon nanotube reinforced cement pastes. <i>Carbon</i> , <b>2015</b> , 85, 212-220	10.4	170
371	Analytical Solutions for Catenary Domes. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2015</b> , 141, 06014019	2.4	1
370	Higher-order gradient elasticity models applied to geometrically nonlinear discrete systems. <i>Theoretical and Applied Mechanics</i> , <b>2015</b> , 42, 223-248	0.4	16
369	Great Ideas Float to the Top. <i>Ocean Engineering &amp; Oceanography</i> , <b>2015</b> , 1-36	0.3	1
368	CALIBRATION OF SMALL LENGTH COEFFICIENT OF NONLOCAL BEAM THEORY VIA MICROSTRUCTURED BEAM MODEL FOR BUCKLING AND VIBRATION <b>2015</b> , 109-110		
367	Analytical length scale calibration of nonlocal continuum from a microstructured buckling model. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , <b>2014</b> , 94, 402-413	1	59
366	On buckling of granular columns with shear interaction: Discrete versus nonlocal approaches. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 234902	2.5	10
365	Eringen's length scale coefficient for buckling of nonlocal rectangular plates from microstructured beam-grid model. <i>International Journal of Solids and Structures</i> , <b>2014</b> , 51, 4307-4315	3.1	47



364	Nano reinforced cement and concrete composites and new perspective from graphene oxide. <i>Construction and Building Materials</i> , <b>2014</b> , 73, 113-124	6.7	376
363	On nonconservativeness of Eringen's nonlocal elasticity in beam mechanics: correction from a discrete-based approach. <i>Archive of Applied Mechanics</i> , <b>2014</b> , 84, 1275-1292	2.2	128
362	Effect of strain rate on splitting tensile strength of geopolymer concrete. <i>Magazine of Concrete Research</i> , <b>2014</b> , 66, 825-835	2	21
361	Obtaining Eringen's length scale coefficient for vibrating nonlocal beams via continualization method. <i>Journal of Sound and Vibration</i> , <b>2014</b> , 333, 4977-4990	3.9	32
360	CONTINUUM SHELL MODEL FOR BUCKLING OF ARMCHAIR CARBON NANOTUBES UNDER COMPRESSION OR TORSION. <i>International Journal of Applied Mechanics</i> , <b>2014</b> , 06, 1450006	2.4	18
359	Molecular Dynamics Simulation and Continuum Shell Model for Buckling Analysis of Carbon Nanotubes. <i>Springer Series in Materials Science</i> , <b>2014</b> , 239-273	0.9	9
358	Continuum Shell Model for Buckling of Single-Walled Carbon Nanotubes with Different Chiral Angles. <i>International Journal of Structural Stability and Dynamics</i> , <b>2014</b> , 14, 1450006	1.9	3
357	Temperature-induced unfolding of scrolled graphene and folded graphene. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 204307	2.5	19
356	Discrete systems behave as nonlocal structural elements: Bending, buckling and vibration analysis. <i>European Journal of Mechanics, A/Solids</i> , <b>2014</b> , 44, 125-135	3.7	83
355	Reducing hydroelastic response of pontoon-type very large floating structures using flexible connector and gill cells. <i>Engineering Structures</i> , <b>2013</b> , 52, 372-383	4.7	28
354	Floating wetlands at Punggol. <i>IES Journal Part A: Civil and Structural Engineering</i> , <b>2013</b> , 6, 249-257		3
353	Exact Vibration Solutions for a Class of Nonuniform Beams. <i>Journal of Engineering Mechanics - ASCE</i> , <b>2013</b> , 139, 928-931	2.4	8
352	Stochastic hydroelastic analysis of pontoon-type very large floating structures considering directional wave spectrum. <i>Probabilistic Engineering Mechanics</i> , <b>2013</b> , 33, 26-37	2.6	10
351	A molecular dynamics investigation on mechanical properties of hydrogenated graphynes. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 073504	2.5	18
350	Eringen's small length scale coefficient for buckling of nonlocal Timoshenko beam based on microstructured beam model. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 114902	2.5	39
349	Appropriate Boundary Conditions for Nonlocal Elastic Beams. <i>Advanced Materials Research</i> , <b>2013</b> , 645, 396-404	0.5	1
348	Development of analytical vibration solutions for microstructured beam model to calibrate length scale coefficient in nonlocal Timoshenko beams. <i>Journal of Applied Physics</i> , <b>2013</b> , 114, 104312	2.5	38
347	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> , <b>2013</b> , 46, 345501	3	60

346	Stability Analysis of Nonlocal Elastic Columns with Initial Imperfection. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-12	1.1	6
345	A grillage model for predicting wrinkles in annular graphene under circular shearing. <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 014902	2.5	9
344	Analogy of TE waveguide and vibrating plate with sliding edge condition and exact solutions. <i>IES Journal Part A: Civil and Structural Engineering</i> , <b>2013</b> , 6, 32-41		
343	Exact closed form solutions for free vibration of non-uniform annular plates. <i>IES Journal Part A: Civil and Structural Engineering</i> , <b>2012</b> , 5, 50-55		1
342	Buckling analysis of shear deformable nanorods within the framework of nonlocal elasticity theory. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2012</b> , 44, 1380-1385	3	9
341	Mechanical properties of graphynes under tension: A molecular dynamics study. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 081909	3.4	184
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40	Optimal Designs of I-Beams against Lateral Buckling. <i>Journal of Engineering Mechanics - ASCE</i> , <b>1990</b> , 116, 1902-1923	2.4	6
39	Elastic Stability of Heavy Rotating Columns. <i>Journal of Engineering Mechanics - ASCE</i> , <b>1990</b> , 116, 234-239	2.4	10
38	On the Masur Paradox*. <i>Mechanics Based Design of Structures and Machines</i> , <b>1990</b> , 18, 313-334		13
37	Shear-Flexural Buckling of Columns. <i>Journal of Engineering Mechanics - ASCE</i> , <b>1990</b> , 116, 1220-1241	2.4	5
36	Discussion of Buckling and Postbuckling of Heavy Columns by C. Y. Wang (August, 1987, Vol. 113, No. 8). <i>Journal of Engineering Mechanics - ASCE</i> , <b>1989</b> , 115, 1840-1841	2.4	
35	New Set of Buckling Parameters for Monosymmetric Beam-Columns/Tie-Beams. <i>Journal of Structural Engineering</i> , <b>1989</b> , 115, 1497-1513	3	5
34	An Energy Approach to Elastic Stability Analysis of Multiply Braced Monosymmetric I-Beams. <i>Mechanics Based Design of Structures and Machines</i> , <b>1989</b> , 17, 415-429		2
33	Basic Problem on Optimal Spatial Cable Layout. <i>Journal of Engineering Mechanics - ASCE</i> , <b>1989</b> , 115, 1115-1120	2.1	1
32	A unified approach to optimization of structural members under general constraints. <i>Structural Optimization</i> , <b>1989</b> , 1, 215-226		6
31	Optimal pretensioned forces for cable networks. <i>Computers and Structures</i> , <b>1989</b> , 33, 1349-1354	4.5	7
30	Extension of Heyman's and Foulkes' theorems to structures with linear segmentation. <i>International Journal of Mechanical Sciences</i> , <b>1989</b> , 31, 87-106	5.5	5
29	Optimization of segment-wise linear structures via optimal control theory. <i>Computers and Structures</i> , <b>1988</b> , 30, 1367-1373	4.5	6
28	Buckling capacities of braced heavy columns under an axial load. <i>Computers and Structures</i> , <b>1988</b> , 28, 563-571	4.5	34
27	Optimal Shape of Arches under Bending and Axial Compression. <i>Journal of Engineering Mechanics - ASCE</i> , <b>1988</b> , 114, 898-905	2.4	2
26	Out-of-Plane Buckling Formulas for Beam-Columns/Tie-Beams. <i>Journal of Structural Engineering</i> , <b>1988</b> , 114, 2773-2789	3	7
25	Closure to Buckling Capacities of Monosymmetric I-Beams by Chien M. Wang and Sritawat Kitipornchai (November 1986, Vol. 112, No. 11). <i>Journal of Structural Engineering</i> , <b>1988</b> , 114, 739-740	3	2
24	Optimal Shape of Least Weight Arches <b>1988</b> , 347-354		
23	OPTIMAL DESIGN OF MULTISPAN CONTINUOUS CABLES WITH GENERAL SUPPORT CONDITIONS. <i>Engineering Optimization</i> , <b>1987</b> , 12, 299-314	2	4

22	Closure to Buckling of Monosymmetric I-Beams Under Moment Gradient by Sritawat Kitipornchai, Chien Ming Wang, and Nicholas S. Trahair (April, 1986, Vol. 112, No. 4). <i>Journal of Structural Engineering</i> , <b>1987</b> , 113, 1391-1395	3	9
21	Buckling of braced monosymmetric cantilevers. <i>International Journal of Mechanical Sciences</i> , <b>1987</b> , 29, 321-337	5.5	14
20	Optimization of multispan plane Prager-structures with variable support locations. <i>Engineering Structures</i> , <b>1987</b> , 9, 157-161	4.7	12
19	Buckling of braced monosymmetric cantilevers <b>1987</b> , 29, 321-321		6
18	Optimal plastic design of circular plates: Numerical solutions and built-in edges. <i>Computers and Structures</i> , <b>1986</b> , 22, 519-528	4.5	2
17	Lateral buckling of tee beams under moment gradient. <i>Computers and Structures</i> , <b>1986</b> , 23, 69-76	4.5	18
16	Optimal design of tie-beams. <i>International Journal of Solids and Structures</i> , <b>1986</b> , 22, 1343-1356	3.1	
15	Optimal design of tapered beams for maximum buckling strength. <i>Engineering Structures</i> , <b>1986</b> , 8, 276-284	4.7	7
14	On stability of monosymmetric cantilevers. <i>Engineering Structures</i> , <b>1986</b> , 8, 169-180	4.7	31
13	LEAST WEIGHT CABLES: OPTIMAL PARAMETER SELECTION APPROACH. <i>Engineering Optimization</i> , <b>1986</b> , 9, 249-263	2	11
12	Buckling of Monosymmetric I-Beams under Moment Gradient. <i>Journal of Structural Engineering</i> , <b>1986</b> , 112, 781-799	3	69
11	Buckling Capacities of Monosymmetric I-Beams. <i>Journal of Structural Engineering</i> , <b>1986</b> , 112, 2373-2391	3	31
10	On the Optimality Criteria for Archgrids. <i>Journal of Structural Engineering</i> , <b>1986</b> , 112, 185-189	3	2
9	Cable Optimization under Selfweight and Concentrated Loads* * Communicated by G. I. N. Rozvany.. <i>Journal of Structural Mechanics</i> , <b>1986</b> , 14, 191-207		9
8	Minimum weight design of cables with supports at different levels. <i>International Journal of Mechanical Sciences</i> , <b>1985</b> , 27, 519-529	5.5	5
7	ON OPTIMAL ARCHGRIDS. <i>Engineering Optimization</i> , <b>1985</b> , 8, 315-331	2	2
6	Optimal Shape of Cables. <i>Journal of Engineering Mechanics - ASCE</i> , <b>1984</b> , 110, 1649-1653	2.4	6
5	Optimal plastic design of axisymmetric solid plates with a maximum thickness constraint. <i>Computers and Structures</i> , <b>1984</b> , 18, 653-665	4.5	26

4	On plane Prager-structures□ <i>International Journal of Mechanical Sciences</i> , <b>1983</b> , 25, 519-527	5.5	53
3	On plane Prager-structures□. <i>International Journal of Mechanical Sciences</i> , <b>1983</b> , 25, 529-541	5.5	27
2	Exact Solutions for Buckling of Structural Members		80
1	Structural Vibration		20