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List of Publications by Year
in descending order

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462 papers	28,191 citations	3933 88 h-index	11308 136 g-index
467 all docs	467 docs citations	467 times ranked	7857 citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-objective optimization of high performance bio-inspired prefabricated composites for sustainable and resilient construction. Composite Structures, 2022, 279, 114732.	5.8	35
2	Effects of diluents on laminar burning velocity and cellular instability of 2-methyltetrahydrofuran-air flames. Fuel, 2022, 308, 121974.	6.4	8
3	A cyclic plastic-damage multiphase model for evaluation of multiple cracking in strain hardening cementitious composites. Journal of the Mechanics and Physics of Solids, 2022, 158, 104692.	4.8	9
4	A phase-field framework for failure modeling of variable stiffness composite laminae. Computer Methods in Applied Mechanics and Engineering, 2022, 388, 114192.	6.6	20
5	Adaptive particle refinement strategies in smoothed particle hydrodynamics. Computer Methods in Applied Mechanics and Engineering, 2022, 389, 114276.	6.6	7
6	Laminar burning velocity and cellular instability of 2-butanone-air flames at elevated pressures. Fuel, 2022, 316, 123390.	6.4	8
7	Future developments and challenges of nano-tailored cementitious composites. , 2022, , 459-472.		0
8	The use of curvilinear fibers for enhancement of progressive failure performance of perforated composite panels. Composite Structures, 2022, 288, 115424.	5.8	4
9	New insights into diffusion and reaction of CO2 gas in recycled aggregate concrete. Cement and Concrete Composites, 2022, 129, 104486.	10.7	13
10	Computationally efficient and effective peridynamic model for cracks and fractures in homogeneous and heterogeneous materials. Computer Methods in Applied Mechanics and Engineering, 2022, 399, 115318.	6.6	19
11	Understanding interfacial interaction characteristics of carbon nitride reinforced epoxy composites from atomistic insights. Carbon, 2021, 171, 45-54.	10.3	23
12	Predicting bucking and vibration behaviors of functionally graded carbon nanotube reinforced composite cylindrical panels with three-dimensional flexibilities. Composite Structures, 2021, 256, 113039.	5.8	22
13	Laminar burning velocities of 2-methyltetrahydrofuran at elevated pressures. Proceedings of the Combustion Institute, 2021, 38, 2175-2183.	3.9	10
14	Exploring mechanical performance of hybrid MWCNT and GNMP reinforced cementitious composites. Construction and Building Materials, 2021, 267, 120721.	7.2	23
15	Carbonation resistance study and inhomogeneity evolution of recycled aggregate concretes under loading effects. Cement and Concrete Composites, 2021, 118, 103916.	10.7	27
16	New insights into creep characteristics of calcium silicate hydrates at molecular level. Cement and Concrete Research, 2021, 142, 106366.	11.0	33
17	Atomistic insights into structure evolution and mechanical property of calcium silicate hydrates influenced by nuclear waste caesium. Journal of Hazardous Materials, 2021, 411, 125033.	12.4	19
18	Adaptive surrogate-based harmony search algorithm for design optimization of variable stiffness composite materials. Computer Methods in Applied Mechanics and Engineering, 2021, 379, 113754.	6.6	22

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19	Data-driven machine learning approach for exploring and assessing mechanical properties of carbon nanotube-reinforced cement composites. Composite Structures, 2021, 267, 113917.	5.8	64
20	Multicriteria performance evaluation of fiber-reinforced cement composites: An environmental perspective. Composites Part B: Engineering, 2021, 218, 108937.	12.0	56
21	Microstructural changes and mechanical performance of cement composites reinforced with recycled carbon fibers. Cement and Concrete Composites, 2021, 121, 104069.	10.7	40
22	A framework for phase-field modeling of interfacial debonding and frictional slipping in heterogeneous composites. Computer Methods in Applied Mechanics and Engineering, 2021, 382, 113872.	6.6	19
23	Machine learning and materials informatics approaches for evaluating the interfacial properties of fiber-reinforced composites. Composite Structures, 2021, 273, 114328.	5.8	21
24	A phase-field thermomechanical framework for modeling failure and crack evolution in glass panes under fire. Computer Methods in Applied Mechanics and Engineering, 2021, 385, 114068.	6.6	11
25	The recent progress of recycled steel fiber reinforced concrete. Construction and Building Materials, 2020, 232, 117232.	7.2	170
26	Utilizing recycled aggregate concrete in sustainable construction for a required compressive strength ratio. Journal of Cleaner Production, 2020, 276, 124249.	9.3	56
27	Assessing recycling potential of carbon fiber reinforced plastic waste in production of eco-efficient cement-based materials. Journal of Cleaner Production, 2020, 274, 123001.	9.3	90
28	Influence of elevated temperature on the microstructure and mechanical performance of cement composites reinforced with recycled carbon fibers. Composites Part B: Engineering, 2020, 198, 108245.	12.0	45
29	Modeling of crack bridging and failure in heterogeneous composite materials: A damage-plastic multiphase model. Journal of the Mechanics and Physics of Solids, 2020, 143, 104072.	4.8	23
30	A smoothed particle hydrodynamicsâ€“peridynamics coupling strategy for modeling fluidâ€“structure interaction problems. Computer Methods in Applied Mechanics and Engineering, 2020, 371, 113298.	6.6	36
31	A meshfree analysis of the thermal behaviors of hot surface glass pane subjects to down-flowing water film via smoothed particle hydrodynamics. Engineering Analysis With Boundary Elements, 2020, 120, 195-210.	3.7	6
32	Modeling microfracture evolution in heterogeneous composites: A coupled cohesive phase-field model. Journal of the Mechanics and Physics of Solids, 2020, 142, 103968.	4.8	58
33	Predicting vibration characteristics of rotating composite blades containing CNT-reinforced composite laminae and damaged fiber-reinforced composite laminae. Composite Structures, 2020, 250, 112580.	5.8	28
34	Smoothed particle hydrodynamics modeling of the thermal behavior of double skin facades in fires considering the effects of venetian blinds. Applied Mathematical Modelling, 2020, 84, 357-376.	4.2	11
35	Carbon nanotube-geopolymer nanocomposites: A molecular dynamics study of the influence of interfacial chemical bonding upon the structural and mechanical properties. Carbon, 2020, 161, 772-783.	10.3	54
36	Modeling glass cooling mechanism with down-flowing water film via the smoothed particle hydrodynamics. Computer Methods in Applied Mechanics and Engineering, 2020, 362, 112839.	6.6	10

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37	Predicting carbonation service life of reinforced concrete beams reflecting distribution of carbonation zones. Construction and Building Materials, 2020, 255, 119367.	7.2	25
38	Modeling geometrically nonlinear large deformation behaviors of matrix cracked hybrid composite deep shells containing CNTRC layers. Computer Methods in Applied Mechanics and Engineering, 2019, 355, 753-778.	6.6	43
39	Effective utilization and recycling of mixed recycled aggregates for a greener environment. Journal of Cleaner Production, 2019, 236, 117600.	9.3	120
40	Active vibration control of functionally graded graphene nanoplatelets reinforced composite plates integrated with piezoelectric layers. Thin-Walled Structures, 2019, 145, 106372.	5.3	80
41	Graphene and graphene oxide in calcium silicate hydrates: Chemical reactions, mechanical behavior and interfacial sliding. Carbon, 2019, 146, 181-193.	10.3	85
42	Sustainable CFRP-reinforced recycled concrete for cleaner eco-friendly construction. Journal of Cleaner Production, 2019, 233, 56-75.	9.3	49
43	An overview of layerwise theories for composite laminates and structures: Development, numerical implementation and application. Composite Structures, 2019, 216, 240-259.	5.8	182
44	Mechanical properties of diamond nanothread reinforced polymer composites. Carbon, 2018, 132, 232-240.	10.3	61
45	Characterizing nonlinear vibration behavior of bilayer graphene thin films. Composites Part B: Engineering, 2018, 145, 197-205.	12.0	17
46	Modeling large amplitude vibration of matrix cracked hybrid laminated plates containing CNTR-FG layers. Applied Mathematical Modelling, 2018, 55, 33-48.	4.2	26
47	A multiscale framework for large deformation modeling of RBC membranes. Computer Methods in Applied Mechanics and Engineering, 2018, 329, 144-167.	6.6	16
48	Impact analysis of CNT-reinforced composite plates integrated with piezoelectric layers based on Reddy's higher-order shear deformation theory. Composites Part B: Engineering, 2018, 136, 10-19.	12.0	23
49	Bending and vibration behaviors of matrix cracked hybrid laminated plates containing CNTR-FG layers and FRC layers. Composite Structures, 2018, 184, 314-326.	5.8	19
50	Dynamic responses of aerothermoelastic functionally graded CNT reinforced composite panels in supersonic airflow subjected to low-velocity impact. Composites Part B: Engineering, 2018, 149, 99-109.	12.0	29
51	Multiscale modeling of crystal plastic deformation of polycrystalline titanium at high temperatures. Computer Methods in Applied Mechanics and Engineering, 2018, 340, 932-955.	6.6	8
52	Thermomechanical buckling characteristic of ultrathin films based on nonlocal elasticity theory. Composites Part B: Engineering, 2018, 153, 184-193.	12.0	18
53	Modeling the postbuckling behavior of thermal-resistant ultrathin films attached to glass substrate. Composite Structures, 2018, 206, 279-287.	5.8	15
54	Microstructure and mechanical performance of graphene reinforced cementitious composites. Composites Part A: Applied Science and Manufacturing, 2018, 114, 188-195.	7.6	58

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55	Buckling and pattern transformation of modified periodic lattice structures. Extreme Mechanics Letters, 2018, 22, 112-121.	4.1	36
56	Free vibration analysis of FG-CNT reinforced composite straight-sided quadrilateral plates resting on elastic foundations using the IMLS-Ritz method. JVC/Journal of Vibration and Control, 2017, 23, 1026-1043.	2.6	20
57	Phosphorylated cellulose applied for the exfoliation of LDH: An advanced reinforcement for polyvinyl alcohol. Composites Part A: Applied Science and Manufacturing, 2017, 94, 170-177.	7.6	24
58	Classical Molecular Dynamics Simulations. , 2017, , 49-139.		1
59	Atomistic-Continuum Theory. , 2017, , 141-248.		0
60	A multiscale Cauchyâ€“Born meshfree model for deformability of red blood cells parasitized by Plasmodium falciparum. Journal of the Mechanics and Physics of Solids, 2017, 101, 268-284.	4.8	11
61	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.	7.6	72
62	Mechanical and damping properties of CNT-reinforced cementitious composites. Composite Structures, 2017, 160, 81-88.	5.8	94
63	Continuum Models. , 2017, , 261-299.		0
64	Modeling of thermo-mechanical fracture behaviors based on cohesive segments formulation. Engineering Analysis With Boundary Elements, 2017, 77, 81-88.	3.7	4
65	Modeling of nonlinear vibration of graphene sheets using a meshfree method based on nonlocal elasticity theory. Applied Mathematical Modelling, 2017, 49, 691-704.	4.2	50
66	An octo-generator for energy harvesting based on the piezoelectric effect. Applied Ocean Research, 2017, 64, 128-134.	4.1	19
67	Impact analysis of CNT-reinforced composite plates based on Reddyâ€™s higher-order shear deformation theory using an element-free approach. Composite Structures, 2017, 170, 228-242.	5.8	23
68	Evaluation of microstructure and mechanical performance of CNT-reinforced cementitious composites at elevated temperatures. Composites Part A: Applied Science and Manufacturing, 2017, 95, 286-293.	7.6	53
69	A three-dimensional quasicontinuum approach for predicting biomechanical properties of malaria-infected red blood cell membrane. Applied Mathematical Modelling, 2017, 49, 35-47.	4.2	7
70	Effects of building concave structure on flame spread over extruded polystyrene thermal insulation material. Applied Thermal Engineering, 2017, 121, 802-809.	6.0	40
71	Experimental study on fire response of double glazed panels in curtain walls. Fire Safety Journal, 2017, 92, 53-63.	3.1	9
72	Structural stability and deformation resistant analysis of borophene and graphene-filled calcium silicate for cement-based materials. Computational Materials Science, 2017, 133, 130-136.	3.0	5

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73	Multiscale simulation of mechanical properties and microstructure of CNT-reinforced cement-based composites. Computer Methods in Applied Mechanics and Engineering, 2017, 319, 393-413.	6.6	32
74	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.	12.0	61
75	Isogeometric analysis of the effect of CNT orientation on the static and vibration behaviors of CNT-reinforced skew composite plates. Computer Methods in Applied Mechanics and Engineering, 2017, 317, 341-379.	6.6	42
76	Isogeometric approach for buckling analysis of CNT-reinforced composite skew plates under optimal CNT-orientation. Composite Structures, 2017, 163, 365-384.	5.8	47
77	Green concrete: Prospects and challenges. Construction and Building Materials, 2017, 156, 1063-1095.	7.2	241
78	A mesh-free vibration analysis of strain gradient nano-beams. Engineering Analysis With Boundary Elements, 2017, 84, 231-236.	3.7	25
79	Modeling aerothermoelastic properties and active flutter control of nanocomposite cylindrical shells in supersonic airflow under thermal environments. Computer Methods in Applied Mechanics and Engineering, 2017, 325, 416-433.	6.6	27
80	Investigation of thermal breakage and heat transfer in single, insulated and laminated glazing under fire conditions. Applied Thermal Engineering, 2017, 125, 662-672.	6.0	35
81	Atomisticâ€“continuum model for probing the biomechanical properties of human erythrocyte membrane under extreme conditions. Computer Methods in Applied Mechanics and Engineering, 2017, 325, 22-36.	6.6	10
82	Buckling analysis and buckling control of thin films on shape memory polymer substrate. European Journal of Mechanics, A/Solids, 2017, 66, 356-369.	3.7	18
83	Pattern transformation of single-material and composite periodic cellular structures. Materials and Design, 2017, 132, 375-384.	7.0	29
84	Modeling of dynamic responses of CNT-reinforced composite cylindrical shells under impact loads. Computer Methods in Applied Mechanics and Engineering, 2017, 313, 889-903.	6.6	93
85	A third-order Cauchy-Born rule for modeling of microtubules based on the element-free framework. Composite Structures, 2017, 161, 215-226.	5.8	1
86	Meshless modeling of geometrically nonlinear behavior of CNT-reinforced functionally graded composite laminated plates. Applied Mathematics and Computation, 2017, 295, 24-46.	2.2	31
87	Active vibration control of CNT-reinforced composite plates with piezoelectric layers based on Reddyâ€™s higher-order shear deformation theory. Composite Structures, 2017, 163, 350-364.	5.8	51
88	Determination of critical breakage conditions for double glazing in fire. Applied Thermal Engineering, 2017, 111, 20-29.	6.0	13
89	Arrangements of Carbon-Based Structures. , 2017, , 411-442.		2
90	Nonlocal Elasticity Theories. , 2017, , 301-334.		1

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91	Technologically Relevant Applications. , 2017, , 335-386.		0
92	Elastodynamic analysis of quadrilateral CNT-reinforced functionally graded composite plates using FSDT element-free method. Composite Structures, 2016, 148, 144-154.	5.8	56
93	A mesh-free computational framework for predicting vibration behaviors of microtubules in an elastic medium. Composite Structures, 2016, 149, 41-53.	5.8	17
94	Buckling analysis of CNT reinforced functionally graded laminated composite plates. Composite Structures, 2016, 152, 62-73.	5.8	81
95	Meshfree simulation of temperature effects on the mechanical behaviors of microtubules. Engineering Analysis With Boundary Elements, 2016, 69, 104-118.	3.7	5
96	Element-free geometrically nonlinear analysis of quadrilateral functionally graded material plates with internal column supports. Composite Structures, 2016, 147, 99-110.	5.8	42
97	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.	5.8	73
98	Postbuckling analysis of bi-axially compressed laminated nanocomposite plates using the first-order shear deformation theory. Composite Structures, 2016, 152, 418-431.	5.8	66
99	Energy harvesting from ocean waves by a floating energy harvester. Energy, 2016, 112, 1219-1226.	8.8	122
100	Active vibration control of FGM plates with piezoelectric layers based on Reddyâ€™s higher-order shear deformation theory. Composite Structures, 2016, 155, 118-134.	5.8	70
101	Geometrically nonlinear large deformation analysis of triangular CNT-reinforced composite plates. International Journal of Non-Linear Mechanics, 2016, 86, 122-132.	2.6	55
102	Active vibration control of CNT-reinforced composite cylindrical shells via piezoelectric patches. Composite Structures, 2016, 158, 92-100.	5.8	61
103	Geometrically nonlinear analysis of arbitrarily straight-sided quadrilateral FGM plates. Composite Structures, 2016, 154, 443-452.	5.8	15
104	A multiscale computational framework for the analysis of graphene involving geometrical and material nonlinearities. Computer Methods in Applied Mechanics and Engineering, 2016, 310, 208-232.	6.6	16
105	Carbon nanotube reinforced cementitious composites: An overview. Composites Part A: Applied Science and Manufacturing, 2016, 91, 301-323.	7.6	214
106	Dynamic responses of CNT reinforced composite plates subjected to impact loading. Composites Part B: Engineering, 2016, 99, 154-161.	12.0	54
107	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.	12.0	50
108	Influence of fire location on the thermal performance of glass faÃ§ades. Applied Thermal Engineering, 2016, 106, 438-442.	6.0	18

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109	Buckling analysis of graphene sheets embedded in an elastic medium based on the kp-Ritz method and non-local elasticity theory. Engineering Analysis With Boundary Elements, 2016, 70, 31-39.	3.7	43
110	A multiscale modeling of CNT-reinforced cement composites. Computer Methods in Applied Mechanics and Engineering, 2016, 309, 411-433.	6.6	26
111	Vibration analysis of CNT-reinforced functionally graded composite cylindrical shells in thermal environments. International Journal of Mechanical Sciences, 2016, 115-116, 339-347.	6.7	104
112	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.	6.6	46
113	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.	6.6	106
114	Flammability and safety design of thermal insulation materials comprising PS foams and fire barrier materials. Materials and Design, 2016, 99, 500-508.	7.0	31
115	Free vibration analysis of bilayer graphene sheets subjected to in-plane magnetic fields. Composite Structures, 2016, 144, 86-95.	5.8	48
116	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.	7.8	59
117	Vibration of FG-CNT reinforced composite thick quadrilateral plates resting on Pasternak foundations. Engineering Analysis With Boundary Elements, 2016, 64, 1-11.	3.7	48
118	Aeroelastic analysis of CNT reinforced functionally graded composite panels in supersonic airflow using a higher-order shear deformation theory. Composite Structures, 2016, 141, 79-90.	5.8	40
119	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.	5.8	92
120	Parametric analysis of frequency of rotating laminated CNT reinforced functionally graded cylindrical panels. Composites Part B: Engineering, 2016, 90, 251-266.	12.0	41
121	Fabrication of LDH nanosheets on Î²-FeOOH rods and applications for improving the fire safety of epoxy resin. Composites Part A: Applied Science and Manufacturing, 2016, 80, 259-269.	7.6	85
122	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.	6.7	63
123	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.	2.6	41
124	Optimal shape control of CNT reinforced functionally graded composite plates using piezoelectric patches. Composites Part B: Engineering, 2016, 85, 140-149.	12.0	87
125	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.	6.6	139
126	Vibration analysis of CNT reinforced functionally graded composite plates in a thermal environment based on Reddyâ€™s higher-order shear deformation theory. Composite Structures, 2016, 156, 276-290.	5.8	78

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127	Analysis of laminated CNT reinforced functionally graded plates using the element-free kp-Ritz method. Composites Part B: Engineering, 2016, 84, 211-221.	12.0	125
128	Effects of sample width and inclined angle on flame spread across expanded polystyrene surface in plateau and plain environments. Journal of Thermoplastic Composite Materials, 2015, 28, 111-127.	4.2	40
129	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.	2.2	100
130	An element-free computational framework for elastodynamic problems based on the IMLS-Ritz method. Engineering Analysis With Boundary Elements, 2015, 54, 39-46.	3.7	71
131	Buckling analysis of FG-CNT reinforced composite thick skew plates using an element-free approach. Composites Part B: Engineering, 2015, 75, 36-46.	12.0	182
132	On the study of elastic properties of CNT-reinforced composites based on element-free MLS method with nanoscale cylindrical representative volume element. Composite Structures, 2015, 124, 1-9.	5.8	34
133	Predicting elastic properties of single-walled boron nitride nanotubes and nanocones using an atomistic-continuum approach. Composite Structures, 2015, 125, 489-498.	5.8	28
134	Transient analysis of single-layered graphene sheet using the kp-Ritz method and nonlocal elasticity theory. Applied Mathematics and Computation, 2015, 258, 489-501.	2.2	32
135	Fracture behavior of framing coated glass curtain walls under fire conditions. Fire Safety Journal, 2015, 75, 45-58.	3.1	31
136	Pattern transformation of thermo-responsive shape memory polymer periodic cellular structures. International Journal of Solids and Structures, 2015, 71, 194-205.	2.7	38
137	Numerical computation of the elastic and mechanical properties of red blood cell membrane using the higher-order Cauchyâ€“Born rule. Applied Mathematics and Computation, 2015, 268, 334-353.	2.2	15
138	Elastodynamic analysis of carbon nanotube-reinforced functionally graded plates. International Journal of Mechanical Sciences, 2015, 99, 208-217.	6.7	84
139	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.	6.6	90
140	A three-dimensional element-free framework for coupled mechanical-diffusion induced nonlinear deformation of polymeric gels using the IMLS-Ritz method. Computer Methods in Applied Mechanics and Engineering, 2015, 296, 232-247.	6.6	15
141	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.	5.8	99
142	Buckling of FG-CNT reinforced composite thick skew plates resting on Pasternak foundations based on an element-free approach. Applied Mathematics and Computation, 2015, 266, 773-791.	2.2	61
143	An element-free IMLS-Ritz framework for buckling analysis of FGâ€“CNT reinforced composite thick plates resting on Winkler foundations. Engineering Analysis With Boundary Elements, 2015, 58, 7-17.	3.7	103
144	Analysis of macromolecular microtubules using the potential-based matrix displacement method. Composite Structures, 2015, 127, 224-230.	5.8	9

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145	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.	3.7	48
146	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.	12.0	65
147	Free vibration analysis of laminated FG-CNT reinforced composite rectangular plates using the kp-Ritz method. Composite Structures, 2015, 127, 245-259.	5.8	201
148	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.	5.8	129
149	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.	6.6	55
150	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.	5.8	102
151	Vibration analysis of functionally graded carbon nanotube reinforced composite thick plates with elastically restrained edges. International Journal of Mechanical Sciences, 2015, 103, 9-21.	6.7	152
152	Mechanical properties and characteristics of microtubules: A review. Composite Structures, 2015, 123, 98-108.	5.8	31
153	Numerical solution of nonlinear Kleinâ€“Gordon equation using the element-free kp-Ritz method. Applied Mathematical Modelling, 2015, 39, 2917-2928.	4.2	7
154	Vibration characteristic of moderately thick functionally graded carbon nanotube reinforced composite skew plates. Composite Structures, 2015, 122, 172-183.	5.8	149
155	Isogeometric analysis of functionally graded carbon nanotube-reinforced composite plates using higher-order shear deformation theory. Composite Structures, 2015, 123, 137-149.	5.8	191
156	Mechanical analysis of functionally graded carbon nanotube reinforced composites: A review. Composite Structures, 2015, 120, 90-97.	5.8	559
157	An accurate improved complex variable element-free method for numerical solutions of elastodynamic problems. Engineering Analysis With Boundary Elements, 2015, 50, 304-312.	3.7	10
158	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.	5.8	217
159	An improved moving least-squares Ritz method for two-dimensional elasticity problems. Applied Mathematics and Computation, 2014, 246, 268-282.	2.2	71
160	Postbuckling of carbon nanotube-reinforced functionally graded cylindrical panels under axial compression using a meshless approach. Computer Methods in Applied Mechanics and Engineering, 2014, 268, 1-17.	6.6	212
161	Numerical study on fire response of glass facades in different installation forms. Construction and Building Materials, 2014, 61, 172-180.	7.2	34
162	A higher-order gradient theory for modeling of the vibration behavior of single-wall carbon nanocones. Applied Mathematical Modelling, 2014, 38, 2946-2960.	4.2	33

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163	Effects of grafted carboxyl groups on structural stability and elastic properties of graphene. Materials Chemistry and Physics, 2014, 145, 313-319.	4.0	9
164	A numerical framework for two-dimensional large deformation of inhomogeneous swelling of gels using the improved complex variable element-free Galerkin method. Computer Methods in Applied Mechanics and Engineering, 2014, 274, 84-102.	6.6	44
165	Mathematical modeling of p53 pulses in G2 phase with DNA damage. Applied Mathematics and Computation, 2014, 232, 1000-1010.	2.2	5
166	Geometrically nonlinear thermomechanical analysis of moderately thick functionally graded plates using a local Petrovâ€“Galerkin approach with moving Kriging interpolation. Composite Structures, 2014, 107, 298-314.	5.8	153
167	An improved element-free Galerkin method for numerical modeling of the biological population problems. Engineering Analysis With Boundary Elements, 2014, 40, 181-188.	3.7	92
168	Modeling of biological population problems using the element-free kp-Ritz method. Applied Mathematics and Computation, 2014, 227, 274-290.	2.2	45
169	Thermal buckling of functionally graded plates using a local Kriging meshless method. Composite Structures, 2014, 108, 472-492.	5.8	184
170	Static and dynamic of carbon nanotube reinforced functionally graded cylindrical panels. Composite Structures, 2014, 111, 205-212.	5.8	264
171	Dynamic stability analysis of carbon nanotube-reinforced functionally graded cylindrical panels using the element-free kp-Ritz method. Composite Structures, 2014, 113, 328-338.	5.8	187
172	Free vibration analysis of sandwich cylindrical panel with functionally graded core using three-dimensional theory of elasticity. Composite Structures, 2014, 113, 23-30.	5.8	68
173	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.	2.6	125
174	Large deflection geometrically nonlinear analysis of carbon nanotube-reinforced functionally graded cylindrical panels. Computer Methods in Applied Mechanics and Engineering, 2014, 273, 1-18.	6.6	162
175	Predicting mechanical properties of carbon nanosprings based on molecular mechanics simulation. Composite Structures, 2014, 114, 41-50.	5.8	16
176	Numerical analysis of generalized regularized long wave equation using the element-free kp-Ritz method. Applied Mathematics and Computation, 2014, 240, 91-101.	2.2	33
177	An element-free based solution for nonlinear SchrÃ¶dinger equations using the ICVMLS-Ritz method. Applied Mathematics and Computation, 2014, 249, 333-345.	2.2	33
178	The improved complex variable element-free Galerkin method for two-dimensional SchrÃ¶dinger equation. Computers and Mathematics With Applications, 2014, 68, 1093-1106.	2.7	45
179	Thermal and fire risk analysis of typical insulation material in a high elevation area: Influence of sidewalls, dimension and pressure. Energy Conversion and Management, 2014, 88, 516-524.	9.2	36
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