

Mahmood Mehrdad Shokrieh

List of Publications by Year in descending order

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286
papers

9,157
citations

34105

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58581

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292
docs citations

292
times ranked

6030
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulated Lamb wave propagation method for nondestructive monitoring of matrix cracking in laminated composites. <i>Structural Health Monitoring</i> , 2022, 21, 695-709.	7.5	12
2	Residual Stress in Engineering Materials: A Review. <i>Advanced Engineering Materials</i> , 2022, 24, 2100786.	3.5	49
3	A novel rate-dependent cohesive zone model for simulation of mode I dynamic delamination in laminated composites. <i>Composite Structures</i> , 2022, 281, 114962.	5.8	6
4	Effect of glass nanofibers on mode I interlaminar fracture toughness of glass/epoxy composites. <i>Journal of the Textile Institute</i> , 2022, 113, 2714-2721.	1.9	1
5	Effect of glass nanofibers on mode I interlaminar fracture toughness of glass/epoxy composites. <i>Journal of the Textile Institute</i> , 2022, 113, 2714-2721.	1.9	1
6	Fatigue behavior of laminated composites with embedded SMA wires. <i>Composite Structures</i> , 2022, 293, 115753.	5.8	7
7	An Experimental and Numerical Investigation on the Low-Velocity Impact Response of Nanoreinforced Polypropylene Core Sandwich Structures. <i>Mechanics of Composite Materials</i> , 2022, 58, 209-226.	1.4	2
8	Interaction of crack-tip constraint and welding residual stresses on the fracture behavior of Ni-based alloy. <i>Theoretical and Applied Fracture Mechanics</i> , 2022, 121, 103464.	4.7	1
9	Improving the bonding of polyethylene to E-glass/epoxy composites using ultraviolet irradiation. <i>International Journal of Adhesion and Adhesives</i> , 2021, 105, 102789.	2.9	6
10	On the R-curve and cohesive law of glass/epoxy end-notch flexure specimens with $0/90^\circ$ interface fiber angles. <i>Polymer Testing</i> , 2021, 93, 106992.	4.8	11
11	Viscoelastic behavior of epoxy resin reinforced with shape-memory-alloy wires. <i>Journal of Intelligent Material Systems and Structures</i> , 2021, 32, 1185-1197.	2.5	3
12	Effects of adding carbon nanofibers on the reduction of matrix cracking in laminated composites: Experimental and analytical approaches. <i>Polymer Testing</i> , 2021, 94, 106988.	4.8	7
13	Very high cycle and gigacycle fatigue of fiber-reinforced composites: A review on experimental approaches and fatigue damage mechanisms. <i>Progress in Materials Science</i> , 2021, 118, 100762.	32.8	38
14	Reduction of residual stresses in polymer composites using nano-additives. , 2021, , 381-402.		0
15	Understanding residual stresses in polymer matrix composites. , 2021, , 217-245.		0
16	Destructive techniques in the measurement of residual stresses in composite materials: An overview. , 2021, , 19-70.		3
17	Modeling residual stresses in composite materials. , 2021, , 193-213.		9
18	Estimation of residual stresses in polymer-matrix composites using digital image correlation. , 2021, , 455-486.		3

#	ARTICLE	IF	CITATIONS
19	Measuring residual stresses in composite materials using the slitting/crack compliance method. , 2021, , 163-192.		0
20	Loading rate dependency of strain energy release rate in mode I delamination of composite laminates. Theoretical and Applied Fracture Mechanics, 2021, 112, 102894.	4.7	10
21	Numerical and Experimental Studies of Fabrication-Induced Thermal Residual Stresses in Microelectronic Packages. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2021, 11, 755-764.	2.5	4
22	Damage-entropy model for fatigue life evaluation of off-axis unidirectional composites. Composite Structures, 2021, 270, 114100.	5.8	20
23	Simulation and measurement of the self-heating phenomenon of carbon/epoxy laminated composites under fatigue loading. Composites Part B: Engineering, 2021, 223, 109097.	12.0	17
24	Measuring residual stresses in composite materials using the simulated hole drilling method. , 2021, , 111-162.		0
25	Incremental hole-drilling measurement of residual stresses through the thickness of composite microelectronics components. , 2021, , 405-420.		0
26	Fatigue behavior of nanoparticle-filled fibrous polymeric composites. , 2020, , 135-193.		1
27	Fatigue life prediction of wind turbine rotor blades. , 2020, , 681-710.		1
28	Identification of matrix cracking in cross-ply laminated composites using Lamb wave propagation. Composite Structures, 2020, 235, 111790.	5.8	25
29	Effect of tensile loading rate on interfacial properties of SMA/polymer composites. Composites Part B: Engineering, 2020, 183, 107730.	12.0	10
30	A novel dynamic constitutive micromechanical model to predict the strain rate dependent mechanical behavior of glass/epoxy laminated composites. Polymer Testing, 2020, 82, 106292.	4.8	5
31	A novel model to simulate the formation and healing of cracks in self-healing cross-ply composites under flexural loading. Composite Structures, 2020, 235, 111750.	5.8	12
32	A novel model for quantification of the moisture absorption of polymeric laminated composites. Polymer Testing, 2020, 91, 106772.	4.8	4
33	Full-Field Measurement of Residual Stresses in Composite Materials Using the Incremental Slitting and Digital Image Correlation Techniques. Experimental Mechanics, 2020, 60, 1239-1250.	2.0	14
34	Strain rate effects on the mechanical behavior of single-lap glass/carbon nanofiber/epoxy composite bolted joints. Journal of Composite Materials, 2020, 54, 4807-4819.	2.4	7
35	Experimental Characterization of the Torsional Damping in CFRP Disks by Impact Hammer Modal Testing. Polymers, 2020, 12, 493.	4.5	9
36	A novel model to predict the stiffness and strength of unidirectional glass/epoxy composites at different strain rates. Journal of Composite Materials, 2020, 54, 2853-2871.	2.4	2

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37	Manufacturing and drop-weight impact properties of three-dimensional integrated-woven sandwich composite panels with hybrid core. <i>Journal of Industrial Textiles</i> , 2020, , 152808371989676.	2.4	6
38	A comparative analysis of adhesive bonding and interference fitting as joining technologies for hybrid metal-composite gear manufacturing. <i>International Journal on Interactive Design and Manufacturing</i> , 2020, 14, 535-550.	2.2	16
39	Loading rate effects on mode-I delamination in glass/epoxy and glass/CNF/epoxy laminated composites. <i>Engineering Fracture Mechanics</i> , 2020, 228, 106908.	4.3	14
40	Experimental assessment of stiffness and energy dissipation properties of disk-shaped polymer-based composite specimens by in-plane torsion testing. <i>Polymer Testing</i> , 2020, 83, 106351.	4.8	1
41	Effects of residual stresses induced by repair welding on the fracture toughness of Ni-based IN939 alloy. <i>Theoretical and Applied Fracture Mechanics</i> , 2020, 108, 102614.	4.7	10
42	Evaluations of residual stresses in repair welding of Ni-based IN939 superalloy. <i>Journal of Thermal Stresses</i> , 2020, 43, 801-815.	2.0	12
43	Detection and classification of matrix cracking in laminated composites using guided wave propagation and artificial neural networks. <i>Composite Structures</i> , 2020, 246, 112403.	5.8	62
44	Effect of warp and fill-fiber volume fractions on mechanical properties of glass/epoxy woven fabric composites. <i>Journal of Composite Materials</i> , 2020, 54, 3501-3513.	2.4	4
45	The effect of electrospinning parameters on the morphology of glass nanofibers. <i>Journal of the Textile Institute</i> , 2020, 111, 941-949.	1.9	12
46	A theoretical and experimental investigation on the stress distribution in the interface of pre-strained SMA wire/polymer composites. <i>Composites Part B: Engineering</i> , 2019, 175, 107100.	12.0	10
47	Development of a physics-based theory for mixed mode I/II delamination onset in orthotropic laminates. <i>Theoretical and Applied Fracture Mechanics</i> , 2019, 103, 102303.	4.7	11
48	Effect of the conversion degree and multiple healing on the healing efficiency of a thermally reversible self-healing polymer. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2906-2917.	3.2	9
49	Residual stress measurement through the thickness of ball grid array microelectronics packages using incremental hole drilling. <i>Microelectronics Reliability</i> , 2019, 102, 113473.	1.7	6
50	Transmission Error and strain analysis of lightweight gears by using a hybrid FE-analytical gear contact model. <i>Mechanical Systems and Signal Processing</i> , 2019, 123, 573-590.	8.0	43
51	Repeated slitting safe distance in the measurement of residual stresses. <i>International Journal of Mechanical Sciences</i> , 2019, 157-158, 599-608.	6.7	8
52	A novel self-healing composite made of thermally reversible polymer and shape memory alloy reinforcement. <i>Journal of Intelligent Material Systems and Structures</i> , 2019, 30, 1585-1593.	2.5	19
53	A new model to simulate the creep behavior of graphene/epoxy nanocomposites. <i>Polymer Testing</i> , 2019, 75, 321-326.	4.8	11
54	An analytical approach to predict the mechanical behavior of single-lap single-bolt composite joints reinforced with carbon nanofibers. <i>Composite Structures</i> , 2019, 215, 116-126.	5.8	8

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55	Physics of delamination onset in unidirectional composite laminates under mixed-mode I/II loading. <i>Engineering Fracture Mechanics</i> , 2019, 211, 82-98.	4.3	25
56	On the Design and Simulation of Hybrid Metal-Composite Gears. <i>Applied Composite Materials</i> , 2019, 26, 817-833.	2.5	25
57	Fiber Path Optimization in a Variable-Stiffness Cylinder to Maximize Its Buckling Load Under External Hydrostatic Pressure. <i>Mechanics of Composite Materials</i> , 2019, 54, 765-774.	1.4	3
58	Residual stress measurement using the slitting method via a combination of eigenstrain, regularization and series truncation techniques. <i>International Journal of Mechanical Sciences</i> , 2019, 152, 558-567.	6.7	20
59	Assessment of failure toughening mechanisms in continuous glass fiber thermoplastic laminates subjected to cyclic loading. <i>Composites Part B: Engineering</i> , 2019, 161, 344-356.	12.0	10
60	A new model for the determination of optimum fiber volume fraction under multi-axial loading in polymeric composites. <i>Iranian Polymer Journal (English Edition)</i> , 2019, 28, 31-38.	2.4	5
61	Hydrophobic properties of a vulcanized silicone-based nanocomposite coating exposed to heat, sulfuric acid and the ultraviolet radiation. <i>Materials Research Express</i> , 2019, 6, 015014.	1.6	4
62	A Novel Technique to Simulate Reduced Residual Stresses in Laminated Composites Using Nanoparticles. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019, 43, 17-26.	1.3	4
63	Micromechanical modelling of the compression strength of three-dimensional integrated woven sandwich composites. <i>Journal of Industrial Textiles</i> , 2019, 48, 1399-1419.	2.4	9
64	Axisymmetric equilibrium of an isotropic elastic solid circular finite cylinder. <i>Mathematics and Mechanics of Solids</i> , 2019, 24, 996-1029.	2.4	11
65	Static mesh stiffness decomposition in hybrid metal-composite spur gears. <i>Mechanisms and Machine Science</i> , 2019, , 977-985.	0.5	4
66	The effective stiffness of an embedded graphene in a polymeric matrix. <i>Current Applied Physics</i> , 2018, 18, 559-566.	2.4	22
67	Assessment of the thermomechanical performance of continuous glass fiber-reinforced thermoplastic laminates. <i>Polymer Testing</i> , 2018, 67, 457-467.	4.8	13
68	Effect of CNT structural defects on the mechanical properties of CNT/Epoxy nanocomposite. <i>Physica B: Condensed Matter</i> , 2018, 540, 16-25.	2.7	32
69	On the behavior of isolated and embedded carbon nano-tubes in a polymeric matrix. <i>Materials Research Express</i> , 2018, 5, 025019.	1.6	10
70	The effect of agglomeration on the fracture toughness of CNTs-reinforced nanocomposites. <i>Theoretical and Applied Fracture Mechanics</i> , 2018, 94, 84-94.	4.7	58
71	A micromechanical model for prediction of mixed mode I/II delamination of laminated composites considering fiber bridging effects. <i>Theoretical and Applied Fracture Mechanics</i> , 2018, 94, 46-56.	4.7	40
72	Characterization of Tensile and Compressive Properties of Basalt/Epoxy Composites Under Stress Corrosion Conditions. <i>Mechanics of Composite Materials</i> , 2018, 53, 759-766.	1.4	2

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73	A modified micromechanical model to predict the creep modulus of polymeric nanocomposites. <i>Polymer Testing</i> , 2018, 65, 414-419.	4.8	25
74	Fatigue behavior of laminated glass fiber reinforced polyamide. <i>Procedia Engineering</i> , 2018, 213, 816-823.	1.2	6
75	The structural and tensile properties of glass/polyester co-wrapped hybrid yarns. <i>Journal of Industrial Textiles</i> , 2018, 47, 1979-1997.	2.4	5
76	Flexural behavior of composites reinforced with innovative 3D integrated weft-knitted spacer fabrics. <i>Journal of Industrial Textiles</i> , 2018, 48, 58-76.	2.4	17
77	Processability and tensile performance of continuous glass fiber/polyamide laminates for structural load-bearing applications. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 105, 156-164.	7.6	10
78	Multiscale modeling of the viscoelastic properties of CNT/polymer nanocomposites, using complex and time-dependent homogenizations. <i>Computational Materials Science</i> , 2018, 142, 395-409.	3.0	26
79	A population-based meta-heuristic approach for robust micro-geometry optimization of tooth profile in spur gears considering manufacturing uncertainties. <i>Meccanica</i> , 2018, 53, 447-464.	2.0	7
80	Low Velocity Impact Behavior of 3D Hollow Core Sandwich Composites Produced with Flat-Knitted Spacer Fabrics. <i>Fibers and Polymers</i> , 2018, 19, 2581-2589.	2.1	19
81	A new mixed mode I/II failure criterion for laminated composites considering fracture process zone. <i>Theoretical and Applied Fracture Mechanics</i> , 2018, 98, 48-58.	4.7	19
82	Effect of interface fiber angle on the mode I delamination growth of plain woven glass fiber-reinforced composites. <i>Theoretical and Applied Fracture Mechanics</i> , 2018, 98, 1-12.	4.7	21
83	Strength calculation of graphene/polymer nanocomposites using the combined laminate analogy and progressive damage model. <i>Mechanics of Materials</i> , 2018, 127, 48-54.	3.2	12
84	An eigen-strain approach on the estimation of non-uniform residual stress distribution using incremental hole-drilling and slitting techniques. <i>International Journal of Mechanical Sciences</i> , 2018, 148, 383-392.	6.7	18
85	An experimental investigation on the viscoelastic properties of CNT reinforced CY 219 epoxy resin, using DMTA and creep tests. <i>Materials Research Express</i> , 2018, 5, 085033.	1.6	4
86	An investigation on effects of acid etching duration on adhesive bonding of polyethylene to E-glass/epoxy composites. <i>International Journal of Adhesion and Adhesives</i> , 2018, 85, 177-183.	2.9	18
87	Response to the discussion on von-Mises stress attenuation along crown line of CHS T-joints. <i>Journal of Constructional Steel Research</i> , 2017, 137, 372-374.	3.9	0
88	A novel laminate analogy to calculate the strength of two-dimensional randomly oriented short-fiber composites. <i>Composites Science and Technology</i> , 2017, 147, 22-29.	7.8	23
89	Dependency of bridging traction of DCB composite specimen on interface fiber angle. <i>Theoretical and Applied Fracture Mechanics</i> , 2017, 90, 22-32.	4.7	48
90	Post buckling analysis of shallow composite shells based on the third order shear deformation theory. <i>Aerospace Science and Technology</i> , 2017, 66, 332-341.	4.8	17

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91	On the mixed mode I/II delamination R-curve of E-glass/epoxy laminated composites. <i>Composite Structures</i> , 2017, 171, 19-31.	5.8	43
92	Experimental and numerical investigation of buckling behavior of composite cylinders with cutout. <i>Thin-Walled Structures</i> , 2017, 116, 136-144.	5.3	56
93	Multi-objective micro-geometry optimization of gear tooth supported by response surface methodology. <i>Mechanism and Machine Theory</i> , 2017, 109, 278-295.	4.5	57
94	A parametric model order reduction technique for poroelastic finite element models. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 2376-2385.	1.1	4
95	Simulation of stiffness of randomly-distributed-graphene/epoxy nanocomposites using a combined finite element-micromechanics method. <i>Mechanics of Materials</i> , 2017, 115, 16-21.	3.2	22
96	Multi-scale modeling of triaxial braided composites for FE-based modal analysis of hybrid metal-composite gears. <i>Composite Structures</i> , 2017, 182, 116-123.	5.8	30
97	Effect of shape memory alloy wires on the enhancement of fracture behavior of epoxy polymer. <i>Polymer Testing</i> , 2017, 64, 221-228.	4.8	23
98	Mechanical behavior of polyester polymer concrete under low strain rate loading conditions. <i>Polymer Testing</i> , 2017, 63, 596-604.	4.8	24
99	A general micromechanical model to predict elastic and strength properties of balanced plain weave fabric composites. <i>Journal of Composite Materials</i> , 2017, 51, 2863-2878.	2.4	6
100	A Study on the Dynamic Behaviour of Lightweight Gears. <i>Shock and Vibration</i> , 2017, 2017, 1-12.	0.6	26
101	Estimation of Residual Stresses in Laminated Composites by Slitting Method Utilizing Eigen Strains. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2016, 138, .	1.4	5
102	A dynamic constitutive-micromechanical model to predict the strain rate-dependent mechanical behavior of carbon nanofiber/epoxy nanocomposites. <i>Iranian Polymer Journal (English Edition)</i> , 2016, 25, 487-501.	2.4	12
103	A micro-“macro homogenization scheme for elastic composites containing high volume fraction multi-shape inclusions. <i>Computational Materials Science</i> , 2016, 121, 217-224.	3.0	5
104	Effect of CNTs debonding on mode I fracture toughness of polymeric nanocomposites. <i>Materials and Design</i> , 2016, 101, 56-65.	7.0	30
105	On the constant parameters of Halpin-Tsai equation. <i>Polymer</i> , 2016, 106, 14-20.	3.8	61
106	Deproximating Tredgold's Approximation. <i>Mechanism and Machine Theory</i> , 2016, 102, 36-54.	4.5	21
107	Effect of interface fiber angle on the R-curve behavior of E-glass/epoxy DCB specimens. <i>Theoretical and Applied Fracture Mechanics</i> , 2016, 86, 153-160.	4.7	51
108	The effect of time-dependent slightly weakened interface on the viscoelastic properties of CNT/polymer nanocomposites. <i>Composite Structures</i> , 2016, 146, 122-131.	5.8	23

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109	A modified model for simulation of mode I delamination growth in laminated composite materials. Theoretical and Applied Fracture Mechanics, 2016, 82, 107-116.	4.7	35
110	An optimized representative volume element to predict the stiffness of aligned short fiber composites. Journal of Composite Materials, 2016, 50, 3301-3310.	2.4	6
111	An experimental and numerical study of the dynamic response of composites under impact at low temperatures. Mechanics of Advanced Materials and Structures, 2016, 23, 615-623.	2.6	3
112	Determination of the Appropriate Gradient Elasticity Theory for Bending Analysis of Nano-beams by Considering Boundary Conditions Effect. Latin American Journal of Solids and Structures, 2015, 12, 2208-2230.	1.0	10
113	Toughening mechanisms of nanoparticle-reinforced polymers. , 2015, , 295-320.		17
114	FRP wrapping for the rehabilitation of Circular Hollow Section (CHS) tubular steel connections. Thin-Walled Structures, 2015, 90, 216-234.	5.3	52
115	A depth dependent transversely isotropic micromechanic model of articular cartilage. Journal of Materials Science: Materials in Medicine, 2015, 26, 111.	3.6	6
116	Hybrid Polyvinyl Alcohol and Cellulose Fiber Pulp Instead of Asbestos Fibers in Cement-Based Composites. Mechanics of Composite Materials, 2015, 51, 231-238.	1.4	7
117	A combined micromechanical-energy method to predict the fatigue life of nanoparticles/chopped strand mat/polymer hybrid nanocomposites. Composite Structures, 2015, 133, 886-891.	5.8	8
118	A Novel Polymer Concrete Made From Fine Silica Sand and Polyester. Mechanics of Composite Materials, 2015, 51, 571-580.	1.4	9
119	A combined micromechanicalâ€“numerical model to simulate shear behavior of carbon nanofiber/epoxy nanocomposites. Materials & Design, 2015, 67, 531-537.	5.1	12
120	A strain-rate dependent micromechanical constitutive model for glass/epoxy composites. Composite Structures, 2015, 121, 37-45.	5.8	24
121	Quasi-static and dynamic compressive properties of ceramic microballoon filled syntactic foam. Journal of Composite Materials, 2015, 49, 1255-1266.	2.4	18
122	A novel model to predict the fatigue life of thermoplastic nanocomposites. Journal of Thermoplastic Composite Materials, 2015, 28, 1496-1506.	4.2	10
123	Mechanical properties modification of a thin film phenolic resin filled with nano silica particles. Computational Materials Science, 2015, 96, 411-415.	3.0	29
124	Characterization and simulation of tensile behavior of graphene/polypropylene nanocomposites using a novel strain-rate-dependent micromechanics model. Journal of Thermoplastic Composite Materials, 2015, 28, 818-834.	4.2	10
125	Characterization and simulation of impact behavior of graphene/polypropylene nanocomposites using a novel strain rateâ€“dependent micromechanics model. Journal of Composite Materials, 2015, 49, 2317-2328.	2.4	16
126	AN INTERMITTENT MOTION MECHANISM INCORPORATING A GENEVA WHEEL AND A GEAR TRAIN. Transactions of the Canadian Society for Mechanical Engineering, 2014, 38, 359-372.	0.8	4

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127	Compressive Properties of Nanoclay-Reinforced Syntactic Foams at Quasi-Static and High Strain Rate Loading. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 990-999.	1.9	6
128	Effects of carbon nanotube content on the mechanical and electrical properties of epoxy-based composites. <i>New Carbon Materials</i> , 2014, 29, 419-425.	6.1	41
129	Model for analyzing the mechanical behavior of articular cartilage under creep indentation test. <i>Journal of Applied Physics</i> , 2014, 116, 184702.	2.5	3
130	Transversely isotropic micromechanics model to determine effect of collagen fibre angle in mechanical properties of articular cartilage. <i>Materials Technology</i> , 2014, 29, 377-383.	3.0	3
131	Reduction of thermal residual stresses of laminated polymer composites by addition of carbon nanotubes. <i>Materials & Design</i> , 2014, 53, 209-216.	5.1	56
132	A Novel Method for Calculation of Strain Energy Release Rate of Asymmetric Double Cantilever Laminated Composite Beams. <i>Applied Composite Materials</i> , 2014, 21, 399-415.	2.5	31
133	Effect of stacking sequence on failure mode of fiber metal laminates under low-velocity impact. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 147-152.	2.4	16
134	Strain-rate dependent micromechanical method to investigate the strength properties of glass/epoxy composites. <i>Composite Structures</i> , 2014, 111, 232-239.	5.8	18
135	Displacement-controlled flexural bending fatigue behavior of graphene/epoxy nanocomposites. <i>Journal of Composite Materials</i> , 2014, 48, 2935-2944.	2.4	12
136	Evaluating the effects of multi-walled carbon nanotubes on the mechanical properties of chopped strand mat/polyester composites. <i>Materials & Design</i> , 2014, 56, 274-279.	5.1	44
137	First strain gradient elasticity solution for nanotube-reinforced matrix problem. <i>Composite Structures</i> , 2014, 112, 273-282.	5.8	5
138	Effects of graphene nanoplatelets and graphene nanosheets on fracture toughness of epoxy nanocomposites. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2014, 37, 1116-1123.	3.4	89
139	Destructive techniques in the measurement of residual stresses in composite materials: an overview. , 2014, , 15-57.		1
140	Characterization of residual stresses in a thin-walled filament wound carbon/epoxy ring using incremental hole drilling method. <i>Composites Science and Technology</i> , 2014, 94, 8-15.	7.8	45
141	Flexural fatigue behaviour of carbon nanofiber/epoxy nanocomposites. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2014, 37, 553-560.	3.4	7
142	Mechanical durability of an optimized polymer concrete under various thermal cyclic loadings " An experimental study. <i>Construction and Building Materials</i> , 2014, 64, 308-315.	7.2	100
143	Modeling of sheet molding compound compression molding under non-isothermal conditions. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 1183-1198.	3.1	7
144	Investigation of Strain Rate Effects on the Dynamic Response of a Glass/Epoxy Composite Plate Under Blast Loading by Using the Finite-Difference Method. <i>Mechanics of Composite Materials</i> , 2014, 50, 295-310.	1.4	13

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145	Reduction of residual stresses in polymer composites using nano-additives. , 2014, , 350-373.		4
146	Modeling residual stresses in composite materials. , 2014, , 173-193.		30
147	The importance of measuring residual stresses in composite materials. , 2014, , 3-14.		12
148	A novel combined molecular dynamicsâ€“micromechanics method for modeling of stiffness of graphene/epoxy nanocomposites with randomly distributed graphene. Materials & Design, 2014, 64, 96-101.	5.1	42
149	Stiffness prediction of graphene nanoplatelet/epoxy nanocomposites by a combined molecular dynamicsâ€“micromechanics method. Computational Materials Science, 2014, 92, 444-450.	3.0	105
150	Understanding residual stresses in polymer matrix composites. , 2014, , 197-232.		11
151	Strain rate dependent micromechanical modeling of reinforced polymers with carbon nanotubes. Journal of Composite Materials, 2014, 48, 3381-3393.	2.4	19
152	Isolation of residual shear stress effects in slitting measurement of residual normal stress in laminated composites. Journal of Composite Materials, 2014, 48, 791-798.	2.4	9
153	Determination of non-uniform residual stresses in laminated composites using integral hole drilling method: Experimental evaluation. Journal of Composite Materials, 2014, 48, 415-425.	2.4	32
154	Measuring residual stresses in composite materials using the simulated hole-drilling method. , 2014, , 76-120.		7
155	Non-destructive testing (NDT) techniques in the measurement of residual stresses in composite materials: an overview. , 2014, , 58-75.		7
156	Measuring residual stresses in composite materials using the slitting/crack compliance method. , 2014, , 121-151.		1
157	Effect of initial crack length on the measured bridging law of unidirectional E-glass/epoxy double cantilever beam specimens. Materials & Design, 2014, 55, 605-611.	5.1	36
158	Experimental investigation of FRP-strengthened tubular T-joints under axial compressive loads. Construction and Building Materials, 2014, 53, 243-252.	7.2	87
159	Effect of ply stacking sequence on buckling behavior of E-glass/epoxy laminated composites. Computational Materials Science, 2014, 89, 89-96.	3.0	34
160	Flexural fatigue behavior of synthesized graphene/carbon-nanofiber/epoxy hybrid nanocomposites. Materials & Design, 2014, 62, 401-408.	5.1	52
161	Prediction of Mechanical Properties of CNT Based Composites Using Multi-Scale Modeling and Stochastic Analysis. Springer Series in Materials Science, 2014, , 201-238.	0.6	4
162	An Innovative Randomly Oriented Laminated Composite Model for Articular Cartilage Tissue. Journal of Biomaterials and Tissue Engineering, 2014, 4, 645-650.	0.1	1

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163	Fatigue modeling of chopped strand mat/epoxy composites. <i>Structural Engineering and Mechanics</i> , 2014, 50, 231-240.	1.0	7
164	Improvement of mechanical and electrical properties of epoxy resin with carbon nanofibers. <i>Iranian Polymer Journal (English Edition)</i> , 2013, 22, 721-727.	2.4	30
165	Slitting Measurement of Residual Hoop Stresses Through the Wall-Thickness of a Filament Wound Composite Ring. <i>Experimental Mechanics</i> , 2013, 53, 1509-1518.	2.0	32
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