

# Qing Li

## List of Publications by Year in descending order

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785  
papers

37,053  
citations

2091

103  
h-index

7836

155  
g-index

800  
all docs

800  
docs citations

800  
times ranked

33981  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Graph Neural Network Framework for Social Recommendations. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 2033-2047.	4.0	65
2	Representation Learning With Multi-Level Attention for Activity Trajectory Similarity Computation. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 2387-2400.	4.0	6
3	Suppressing Biased Samples for Robust VQA. IEEE Transactions on Multimedia, 2022, 24, 3405-3415.	5.2	11
4	Toward Response Time Minimization Considering Energy Consumption in Caching-Assisted Vehicular Edge Computing. IEEE Internet of Things Journal, 2022, 9, 5051-5064.	5.5	21
5	Mechanical failure of posterior teeth due to caries and occlusal wear- A modelling study. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 125, 104942.	1.5	7
6	An Efficient Data Acquisition System for Large Numbers of Various Vehicle Terminals. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4720-4725.	4.7	4
7	On characterization of cohesive zone model (CZM) based upon digital image correlation (DIC) method. International Journal of Mechanical Sciences, 2022, 215, 106921.	3.6	18
8	Design optimization of bioinspired helicoidal CFRPP/GFRPP hybrid composites for multiple low-velocity impact loads. International Journal of Mechanical Sciences, 2022, 219, 107064.	3.6	41
9	Lightweight hybrid materials and structures for energy absorption: A state-of-the-art review and outlook. Thin-Walled Structures, 2022, 172, 108760.	2.7	130
10	A Comprehensive Competitive Swarm Optimizer for Large-Scale Multiobjective Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5829-5842.	5.9	19
11	SSAP: Storylines and Sentiment Aware Pre-Trained Model for Story Ending Generation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 686-694.	4.0	0
12	Improving antistatic and mechanical properties of glass fiber reinforced polypropylene composites through polar adsorption and anchoring effect of organic salt. Composites Science and Technology, 2022, 220, 109285.	3.8	3
13	Mechanical characterization and numerical modeling on the yield and fracture behaviors of polymethacrylimide (PMI) foam materials. International Journal of Mechanical Sciences, 2022, 218, 107033.	3.6	22
14	Phase field fracture in elasto-plastic solids: Incorporating phenomenological failure criteria for ductile materials. Computer Methods in Applied Mechanics and Engineering, 2022, 391, 114580.	3.4	15
15	Numerical investigation into impact responses of an offshore wind turbine jacket foundation subjected to ship collision. Ocean Engineering, 2022, 248, 110825.	1.9	17
16	Ant Colony Evacuation Planner: An Ant Colony System With Incremental Flow Assignment for Multipath Crowd Evacuation. IEEE Transactions on Cybernetics, 2021, 51, 5559-5572.	6.2	21
17	Cerebrospinal fluid-contacting neurons affect the expression of endogenous neural progenitor cells and the recovery of neural function after spinal cord injury. International Journal of Neuroscience, 2021, 131, 615-624.	0.8	2
18	Altered Time-Frequency Feature in Default Mode Network of Autism Based on Improved Hilbert-Huang Transform. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 485-492.	3.9	13

#	ARTICLE	IF	CITATIONS
19	Multi-Scale LSTM Model for BGP Anomaly Classification. IEEE Transactions on Services Computing, 2021, 14, 765-778.	3.2	33
20	On reliability analysis method through rotational sparse grid nodes. Mechanical Systems and Signal Processing, 2021, 147, 107106.	4.4	46
21	On failure mechanisms in CFRP/Al adhesive joints after hygrothermal aging degradation following by mechanical tests. Thin-Walled Structures, 2021, 158, 107184.	2.7	41
22	Fatigue behavior of carbon fibre reinforced plastic and aluminum single-lap adhesive joints after the transverse pre-impact. International Journal of Fatigue, 2021, 144, 105973.	2.8	28
23	FS-LSTM-Based Sensor Fault and Structural Damage Isolation in SHM. IEEE Sensors Journal, 2021, 21, 3250-3259.	2.4	14
24	Streptococcus thermophilus Inhibits Colorectal Tumorigenesis Through Secreting $\beta$ -Galactosidase. Gastroenterology, 2021, 160, 1179-1193.e14.	0.6	119
25	Fast Supervised Topic Models for Short Text Emotion Detection. IEEE Transactions on Cybernetics, 2021, 51, 815-828.	6.2	26
26	Answering Skyline Queries Over Incomplete Data With Crowdsourcing. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1360-1374.	4.0	12
27	Generative Adversarial Networks for Image Generation. , 2021, , .		4
28	On multiaxial failure behavior of closed-cell aluminum foams under medium strain rates. Thin-Walled Structures, 2021, 160, 107278.	2.7	24
29	Improved impact property of long glass fiber reinforced polypropylene random copolymer composites toughened with beta nucleating agent via tuning the crystallization and phase. Polymer Composites, 2021, 42, 3169-3183.	2.3	7
30	The Neural Stem Cell Properties of PKD2L1+ Cerebrospinal Fluid-Contacting Neurons in vitro. Frontiers in Cellular Neuroscience, 2021, 15, 630882.	1.8	9
31	A time-dependent mechanobiology-based topology optimization to enhance bone growth in tissue scaffolds. Journal of Biomechanics, 2021, 117, 110233.	0.9	23
32	Interfacial Curvature in Confined Coculture Directs Stromal Cell Activity with Spatial Corralling of Pancreatic Cancer Cells. Advanced Biology, 2021, 5, e2000525.	1.4	8
33	On lower confidence bound improvement matrix-based approaches for multiobjective Bayesian optimization and its applications to thin-walled structures. Thin-Walled Structures, 2021, 161, 107248.	2.7	12
34	Differentiable neural architecture search for optimal spatial/temporal brain function network decomposition. Medical Image Analysis, 2021, 69, 101974.	7.0	29
35	On design of carbon fiber reinforced plastic (CFRP) laminated structure with different failure criteria. International Journal of Mechanical Sciences, 2021, 196, 106251.	3.6	20
36	Optimization for formability of plain woven carbon fiber fabrics. International Journal of Mechanical Sciences, 2021, 197, 106318.	3.6	27

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37	Experimental investigation into stamping of woven CF/PP laminates: Influences of molding temperature on thermal, mesoscopic and macroscopic properties. <i>Composite Structures</i> , 2021, 263, 113507.	3.1	14
38	Modal identification of vibrating structures using singular value decomposition and nonlinear iteration based on high-speed digital image correlation. <i>Thin-Walled Structures</i> , 2021, 163, 107377.	2.7	18
39	On fatigue failure prediction of prosthetic devices through XFEM analysis. <i>International Journal of Fatigue</i> , 2021, 147, 106160.	2.8	8
40	A path-dependent level set topology optimization with fracture criterion. <i>Computers and Structures</i> , 2021, 249, 106515.	2.4	12
41	On quasi-static behaviors of different joint methods for connecting carbon fiber reinforce plastic (CFRP) laminate and aluminum alloy. <i>Thin-Walled Structures</i> , 2021, 164, 107657.	2.7	24
42	On the structural parameters of honeycomb-core sandwich panels against low-velocity impact. <i>Composites Part B: Engineering</i> , 2021, 216, 108881.	5.9	97
43	On the effects of temperature on tensile behavior of carbon fiber reinforced epoxy laminates. <i>Thin-Walled Structures</i> , 2021, 164, 107769.	2.7	26
44	The Effect of a Degenerative Spine and Adverse Pelvic Mobility on Prosthetic Impingement in Patients Undergoing Total Hip Arthroplasty. <i>Journal of Arthroplasty</i> , 2021, 36, 2523-2529.	1.5	8
45	Finite periodic topology optimization with oriented unit-cells. <i>Structural and Multidisciplinary Optimization</i> , 2021, 64, 1765-1779.	1.7	8
46	Multiobjective optimization on cooperative control of autonomous emergency steering and occupant restraint system for enhancing occupant safety. <i>Accident Analysis and Prevention</i> , 2021, 159, 106302.	3.0	7
47	Tonal optimization of bells utilizing evolutionary shape optimization. <i>Journal of Sound and Vibration</i> , 2021, 509, 116233.	2.1	0
48	Machine learning based topology optimization of fiber orientation for variable stiffness composite structures. <i>International Journal for Numerical Methods in Engineering</i> , 2021, 122, 6736-6755.	1.5	14
49	Microstructural heterogeneity of the collagenous network in the loaded and unloaded periodontal ligament and its biomechanical implications. <i>Journal of Structural Biology</i> , 2021, 213, 107772.	1.3	6
50	Nondeterministic multi-objective and multi-case discrete optimization of functionally-graded front-bumper structures for pedestrian protection. <i>Thin-Walled Structures</i> , 2021, 167, 106921.	2.7	11
51	Injury biomechanics-based nondeterministic optimization of front-end structures for safety in pedestrian-vehicle impact. <i>Thin-Walled Structures</i> , 2021, 167, 108087.	2.7	7
52	A stochastic process discretization method combing active learning Kriging model for efficient time-variant reliability analysis. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2021, 384, 113990.	3.4	49
53	Parallelized optimization design of bumper systems under multiple low-speed impact loads. <i>Thin-Walled Structures</i> , 2021, 167, 108197.	2.7	21
54	On impact behavior of fiber metal laminate (FML) structures: A state-of-the-art review. <i>Thin-Walled Structures</i> , 2021, 167, 108026.	2.7	78

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55	Measurement of fracture parameters based upon digital image correlation and virtual crack closure techniques. <i>Composites Part B: Engineering</i> , 2021, 224, 109157.	5.9	20
56	Quasi-static and low-velocity impact responses of polypropylene random copolymer composites with adjustable crystalline structures. <i>Composites Part B: Engineering</i> , 2021, 224, 109139.	5.9	11
57	A hybrid adaptive Kriging-based single loop approach for complex reliability-based design optimization problems. <i>Reliability Engineering and System Safety</i> , 2021, 215, 107736.	5.1	44
58	Synthetic Bone-Like Structures Through Omnidirectional Ceramic Bioprinting in Cell Suspensions. <i>Advanced Functional Materials</i> , 2021, 31, 2008216.	7.8	43
59	Generative Adversarial Networks (GANs). , 2021, , 1-7.		13
60	GANs for Image Generation. , 2021, , 9-52.		0
61	Experimental study on the dynamic responses of foam sandwich panels with different facesheets and core gradients subjected to blast impulse. <i>International Journal of Impact Engineering</i> , 2020, 135, 103327.	2.4	100
62	The mystery of coconut overturns the crashworthiness design of composite materials. <i>International Journal of Mechanical Sciences</i> , 2020, 168, 105244.	3.6	28
63	On lateral compression of circular aluminum, CFRP and GFRP tubes. <i>Composite Structures</i> , 2020, 232, 111534.	3.1	78
64	Effects of buccal thickness augmentation on bone remodeling after maxillary anterior implantation. <i>Biomechanics and Modeling in Mechanobiology</i> , 2020, 19, 133-145.	1.4	12
65	Multi-Scale and Multi-Scope Convolutional Neural Networks for Destination Prediction of Trajectories. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 3184-3195.	4.7	22
66	Improving Ranking-Oriented Defect Prediction Using a Cost-Sensitive Ranking SVM. <i>IEEE Transactions on Reliability</i> , 2020, 69, 139-153.	3.5	38
67	Fracture modeling of brittle biomaterials by the phase-field method. <i>Engineering Fracture Mechanics</i> , 2020, 224, 106752.	2.0	18
68	A novel specimen design to establish the forming limit diagram (FLD) for GFRP through stamping test. <i>Composites Part A: Applied Science and Manufacturing</i> , 2020, 130, 105737.	3.8	18
69	Quasi-static bending and transverse crushing behaviors for hat-shaped composite tubes made of CFRP, GFRP and their hybrid structures. <i>Composite Structures</i> , 2020, 239, 111842.	3.1	62
70	Parallelized multiobjective efficient global optimization algorithm and its applications. <i>Structural and Multidisciplinary Optimization</i> , 2020, 61, 763-786.	1.7	28
71	Noisy practical facial super-resolution method via deformable constrained model with small dataset. <i>Multimedia Tools and Applications</i> , 2020, 79, 2577-2600.	2.6	1
72	Time-dependent topology optimization of bone plates considering bone remodeling. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 359, 112702.	3.4	36

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73	On crashworthiness design of hybrid metal-composite structures. <i>International Journal of Mechanical Sciences</i> , 2020, 171, 105380.	3.6	117
74	A modular design strategy to integrate mechanotransduction concepts in scaffold-based bone tissue engineering. <i>Acta Biomaterialia</i> , 2020, 118, 100-112.	4.1	23
75	A computational investigation into the impact resistance of a precise finite element model derived from micro-CT data of a woodpecker's head. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104107.	1.5	1
76	A novel failure criterion based upon forming limit curve for thermoplastic composites. <i>Composites Part B: Engineering</i> , 2020, 202, 108320.	5.9	30
77	Improved mode II interlaminar fracture toughness of random polypropylene composite laminate via multiscale reinforcing formed by introducing functional nanofibrillated cellulose. <i>Composites Part B: Engineering</i> , 2020, 203, 108481.	5.9	9
78	Characterization of initial and subsequent yield behaviors of closed-cell aluminum foams under multiaxial loadings. <i>Composites Part B: Engineering</i> , 2020, 202, 108247.	5.9	40
79	Phase field fracture in elasto-plastic solids: a length-scale insensitive model for quasi-brittle materials. <i>Computational Mechanics</i> , 2020, 66, 931-961.	2.2	34
80	On crushing responses of filament winding CFRP/aluminum and GFRP/CFRP/aluminum hybrid structures. <i>Composites Part B: Engineering</i> , 2020, 200, 108341.	5.9	48
81	A reaction-diffusion based level set method for image segmentation in three dimensions. <i>Engineering Applications of Artificial Intelligence</i> , 2020, 96, 103998.	4.3	10
82	Comparative study on aluminum/GFRP/CFRP tubes for oblique lateral crushing. <i>Thin-Walled Structures</i> , 2020, 152, 106420.	2.7	54
83	Multiobjective discrete optimization using the TOPSIS and entropy method for protection of pedestrian lower extremity. <i>Thin-Walled Structures</i> , 2020, 152, 106349.	2.7	19
84	Crushing analysis and design optimization for foam-filled aluminum/CFRP hybrid tube against transverse impact. <i>Composites Part B: Engineering</i> , 2020, 196, 108029.	5.9	85
85	Gut microbiota modulation: a novel strategy for prevention and treatment of colorectal cancer. <i>Oncogene</i> , 2020, 39, 4925-4943.	2.6	321
86	Monolithic crowns fracture analysis: The effect of material properties, cusp angle and crown thickness. <i>Dental Materials</i> , 2020, 36, 1038-1051.	1.6	28
87	On design for additive manufacturing (DAM) parameter and its effects on biomechanical properties of 3D printed ceramic scaffolds. <i>Materials Today Communications</i> , 2020, 23, 101065.	0.9	3
88	Level-set topology optimization for maximizing fracture resistance of brittle materials using phase-field fracture model. <i>International Journal for Numerical Methods in Engineering</i> , 2020, 121, 2929-2945.	1.5	28
89	Crushing responses and energy absorption behaviors of multi-cell CFRP tubes. <i>Thin-Walled Structures</i> , 2020, 155, 106930.	2.7	51
90	On low-velocity impact response of foam-core sandwich panels. <i>International Journal of Mechanical Sciences</i> , 2020, 181, 105681.	3.6	105

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91	Topology optimization for periodic multi-component structures with stiffness and frequency criteria. <i>Structural and Multidisciplinary Optimization</i> , 2020, 61, 2271-2289.	1.7	16
92	Inverse identification of cell-wall material properties of closed-cell aluminum foams based upon Vickers nano-indentation tests. <i>International Journal of Mechanical Sciences</i> , 2020, 176, 105524.	3.6	30
93	Comparative study on metal/CFRP hybrid structures under static and dynamic loading. <i>International Journal of Impact Engineering</i> , 2020, 141, 103509.	2.4	112
94	A Comprehensive Exploration on Spider with Fuzzy Decision Text-to-SQL Model. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 2542-2550.	7.2	9
95	Multiobjective optimization of perforated square CFRP tubes for crashworthiness. <i>Thin-Walled Structures</i> , 2020, 149, 106628.	2.7	55
96	On lateral crashworthiness of aluminum/composite hybrid structures. <i>Composite Structures</i> , 2020, 245, 112334.	3.1	40
97	Sensor faults classification for SHM systems using deep learning-based method with Tsfresh features. <i>Smart Materials and Structures</i> , 2020, 29, 075005.	1.8	23
98	A comparison of fast Fourier transform-based homogenization method to asymptotic homogenization method. <i>Composite Structures</i> , 2020, 238, 111979.	3.1	12
99	Mediation Effect of Suicide-Related Social Media Use Behaviors on the Association Between Suicidal Ideation and Suicide Attempt: Cross-Sectional Questionnaire Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e14940.	2.1	26
100	Neural Architecture Search for Optimization of Spatial-Temporal Brain Network Decomposition. <i>Lecture Notes in Computer Science</i> , 2020, , 377-386.	1.0	2
101	Research of the processing technology for time complex event based on LSTM. <i>Cluster Computing</i> , 2019, 22, 9571-9579.	3.5	2
102	Multi-material topology optimization for thermal buckling criteria. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 346, 1136-1155.	3.4	54
103	Nondestructive characterization of bone tissue scaffolds for clinical scenarios. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 89, 150-161.	1.5	27
104	On hybrid cellular materials based on triply periodic minimal surfaces with extreme mechanical properties. <i>Materials and Design</i> , 2019, 183, 108109.	3.3	130
105	Three-dimensional reconstruction of internal fascicles and microvascular structures of human peripheral nerves. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2019, 35, e3245.	1.0	6
106	Graph representation learning with encoding edges. <i>Neurocomputing</i> , 2019, 361, 29-39.	3.5	19
107	A Preoperative Analytical Model for Patient-Specific Impingement Analysis in Total Hip Arthroplasty. <i>Advances in Orthopedics</i> , 2019, 2019, 1-9.	0.4	9
108	Flexural performance and cost efficiency of carbon/basalt/glass hybrid FRP composite laminates. <i>Thin-Walled Structures</i> , 2019, 142, 516-531.	2.7	97

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109	Dynamic response of sandwich panel with hierarchical honeycomb cores subject to blast loading. Thin-Walled Structures, 2019, 142, 499-515.	2.7	96
110	A Community Merger of Optimization Algorithm to Extract Overlapping Communities in Networks. IEEE Access, 2019, 7, 3994-4005.	2.6	8
111	Robust Face Image Super-Resolution via Joint Learning of Subdivided Contextual Model. IEEE Transactions on Image Processing, 2019, 28, 5897-5909.	6.0	19
112	Failure mechanisms in carbon fiber reinforced plastics (CFRP) / aluminum (Al) adhesive bonds subjected to low-velocity transverse pre-impact following by axial post-tension. Composites Part B: Engineering, 2019, 172, 339-351.	5.9	37
113	Phase field fracture in elasto-plastic solids: Abaqus implementation and case studies. Theoretical and Applied Fracture Mechanics, 2019, 103, 102252.	2.1	76
114	RNA Sequencing of Peripheral Blood Revealed that the Neurotropic TRK Receptor Signaling Pathway Shows Apparent Correlation in Recovery Following Spinal Cord Injury at Small Cohort. Journal of Molecular Neuroscience, 2019, 68, 221-233.	1.1	3
115	A Novel Peptide Interfering with proBDNF-Sortilin Interaction Alleviates Chronic Inflammatory Pain. Theranostics, 2019, 9, 1651-1665.	4.6	18
116	<i>In vivo</i> effects of different orthodontic loading on root resorption and correlation with mechanobiological stimulus in periodontal ligament. Journal of the Royal Society Interface, 2019, 16, 20190108.	1.5	34
117	Implicit Integration of the Unified Yield Criterion in the Principal Stress Space. Journal of Engineering Mechanics - ASCE, 2019, 145, .	1.6	6
118	Modelling of stress distribution and fracture in dental occlusal fissures. Scientific Reports, 2019, 9, 4682.	1.6	29
119	Experimental study on residual properties of carbon fibre reinforced plastic (CFRP) and aluminum single-lap adhesive joints at different strain rates after transverse pre-impact. Composites Part A: Applied Science and Manufacturing, 2019, 124, 105372.	3.8	35
120	Epithelialâ€“mesenchymal transition induced cancerâ€“stemâ€“cellâ€“like characteristics in hepatocellular carcinoma. Journal of Cellular Physiology, 2019, 234, 18448-18458.	2.0	18
121	Phase field fracture in elasto-plastic solids: Variational formulation for multi-surface plasticity and effects of plastic yield surfaces and hardening. International Journal of Mechanical Sciences, 2019, 156, 382-396.	3.6	62
122	Investigation on masticatory muscular functionality following oral reconstruction â€“ An inverse identification approach. Journal of Biomechanics, 2019, 90, 1-8.	0.9	17
123	Experimental study on low-velocity impact responses and residual properties of composite sandwiches with metallic foam core. Composite Structures, 2019, 223, 110835.	3.1	79
124	A Novel Bone Substitute with High Bioactivity, Strength, and Porosity for Repairing Large and Loadâ€“bearing Bone Defects. Advanced Healthcare Materials, 2019, 8, e1801298.	3.9	43
125	Data-driven Discovery of a Sepsis Patients Severity Prediction in the ICU via Pre-training BiLSTM Networks. , 2019, , .		5
126	<i>P57</i> â€“mediated autophagy promotes the efficacy of <i>EGFR</i> inhibitors in hepatocellular carcinoma. Liver International, 2019, 39, 147-157.	1.9	19



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127	Topographical design of stiffener layout for plates against blast loading using a modified ant colony optimization algorithm. <i>Structural and Multidisciplinary Optimization</i> , 2019, 59, 335-350.	1.7	25
128	Simultaneous Discrete Topology Optimization of Ply Orientation and Thickness for Carbon Fiber Reinforced Plastic-Laminated Structures. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2019, 141, .	1.7	19
129	Ca-doped Na <sub>2</sub> Zn <sub>2</sub> TeO <sub>6</sub> layered sodium conductor for all-solid-state sodium-ion batteries. <i>Electrochimica Acta</i> , 2019, 298, 121-126.	2.6	40
130	Design and Evaluate Immersive Learning Experience for Massive Open Online Courses (MOOCs). <i>IEEE Transactions on Learning Technologies</i> , 2019, 12, 503-515.	2.2	27
131	Roles of functional strain and capsule compression on mandibular cyst expansion and cortication. <i>Archives of Oral Biology</i> , 2019, 98, 1-8.	0.8	5
132	Sensor fault detection with generalized likelihood ratio and correlation coefficient for bridge SHM. <i>Journal of Sound and Vibration</i> , 2019, 442, 445-458.	2.1	33
133	Robust topology optimization for multiple fiber-reinforced plastic (FRP) composites under loading uncertainties. <i>Structural and Multidisciplinary Optimization</i> , 2019, 59, 695-711.	1.7	42
134	Quantitative/qualitative analysis of adhesive-dentin interface in the presence of 10-methacryloyl- $\gamma$ -dodecyl dihydrogen phosphate. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 92, 71-78.	1.5	13
135	Experimental and numerical investigation into the crashworthiness of metal-foam-composite hybrid structures. <i>Composite Structures</i> , 2019, 209, 535-547.	3.1	129
136	Energy absorption mechanics and design optimization of CFRP/aluminium hybrid structures for transverse loading. <i>International Journal of Mechanical Sciences</i> , 2019, 150, 767-783.	3.6	116
137	Design for cost performance of crashworthy structures made of high strength steel. <i>Thin-Walled Structures</i> , 2019, 138, 458-472.	2.7	60
138	Nanomechanical characterization of time-dependent deformation/recovery on human dentin caused by radiation-induced glycation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 90, 248-255.	1.5	7
139	Architectural Design of 3D Printed Scaffolds Controls the Volume and Functionality of Newly Formed Bone. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801353.	3.9	89
140	Exceptional contact elasticity of human enamel in nanoindentation test. <i>Dental Materials</i> , 2019, 35, 87-97.	1.6	13
141	Design of bionic-bamboo thin-walled structures for energy absorption. <i>Thin-Walled Structures</i> , 2019, 135, 400-413.	2.7	168
142	Interactive Hierarchical Object Proposals. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019, 29, 2552-2566.	5.6	1
143	Sensor fault localization with accumulated residual contribution rate for bridge SHM. <i>Cluster Computing</i> , 2019, 22, 7821-7829.	3.5	4
144	Proactive Suicide Prevention Online (PSPO): Machine Identification and Crisis Management for Chinese Social Media Users With Suicidal Thoughts and Behaviors. <i>Journal of Medical Internet Research</i> , 2019, 21, e11705.	2.1	52

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145	In-plane and out-of-plane bending responses of aluminum mortise-tenon joints in lightweight electric vehicle inspired by timber structures. <i>Thin-Walled Structures</i> , 2018, 127, 169-179.	2.7	15
146	New P2-Type Honeycomb-Layered Sodium-Ion Conductor: $\text{Na}_2\text{Mg}_2\text{TeO}_6$ . <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15760-15766.	4.0	44
147	Enhancing oxygen reduction electrocatalysis through tuning crystal structure: Influence of intermetallic MPt nanocrystals. <i>Chinese Journal of Catalysis</i> , 2018, 39, 583-589.	6.9	12
148	Crash responses under multiple impacts and residual properties of CFRP and aluminum tubes. <i>Composite Structures</i> , 2018, 194, 87-103.	3.1	51
149	Buckling-Induced Assembly of Three-Dimensional Tunable Metamaterials. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1700420.	1.2	1
150	Efficient entrapment and catalytic conversion of lithium polysulfides on hollow metal oxide submicro-spheres as lithium-sulfur battery cathodes. <i>Nanoscale</i> , 2018, 10, 5634-5641.	2.8	74
151	Experimental investigation of the quasi-static axial crushing behavior of filament-wound CFRP and aluminum/CFRP hybrid tubes. <i>Composite Structures</i> , 2018, 194, 208-225.	3.1	132
152	The effect of seated pelvic tilt on posterior edge-loading in total hip arthroplasty: A finite element investigation. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2018, 232, 241-248.	1.0	13
153	Fe Stabilization by Intermetallic $\text{L1}_0$ -FePt and Pt Catalysis Enhancement in $\text{L1}_0$ -FePt/Pt Nanoparticles for Efficient Oxygen Reduction Reaction in Fuel Cells. <i>Journal of the American Chemical Society</i> , 2018, 140, 2926-2932.	6.6	312
154	Biomechanical analysis of bone remodeling following mandibular reconstruction using fibula free flap. <i>Medical Engineering and Physics</i> , 2018, 56, 1-8.	0.8	24
155	On crashing behaviors of aluminium/CFRP tubes subjected to axial and oblique loading: An experimental study. <i>Composites Part B: Engineering</i> , 2018, 145, 47-56.	5.9	80
156	A new multi-objective discrete robust optimization algorithm for engineering design. <i>Applied Mathematical Modelling</i> , 2018, 53, 602-621.	2.2	98
157	On hierarchical honeycombs under out-of-plane crushing. <i>International Journal of Solids and Structures</i> , 2018, 135, 1-13.	1.3	168
158	Experimental and numerical studies on indentation and perforation characteristics of honeycomb sandwich panels. <i>Composite Structures</i> , 2018, 184, 110-124.	3.1	121
159	Modeling for CFRP structures subjected to quasi-static crushing. <i>Composite Structures</i> , 2018, 184, 41-55.	3.1	137
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