

# Qing Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/645861/publications.pdf>

Version: 2024-02-01

785  
papers

37,053  
citations

1799

103  
h-index

6836

155  
g-index

800  
all docs

800  
docs citations

800  
times ranked

29946  
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.	5.7	65
2	Representation Learning With Multi-Level Attention for Activity Trajectory Similarity Computation. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 2387-2400.	5.7	6
3	Suppressing Biased Samples for Robust VQA. IEEE Transactions on Multimedia, 2022, 24, 3405-3415.	7.2	11
4	Toward Response Time Minimization Considering Energy Consumption in Caching-Assisted Vehicular Edge Computing. IEEE Internet of Things Journal, 2022, 9, 5051-5064.	8.7	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.	3.1	7
6	An Efficient Data Acquisition System for Large Numbers of Various Vehicle Terminals. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 4720-4725.	8.0	4
7	On characterization of cohesive zone model (CZM) based upon digital image correlation (DIC) method. International Journal of Mechanical Sciences, 2022, 215, 106921.	6.7	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.	6.7	41
9	Lightweight hybrid materials and structures for energy absorption: A state-of-the-art review and outlook. Thin-Walled Structures, 2022, 172, 108760.	5.3	130
10	A Comprehensive Competitive Swarm Optimizer for Large-Scale Multiobjective Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5829-5842.	9.3	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.	5.8	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.	7.8	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.	6.7	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.	6.6	15
15	Numerical investigation into impact responses of an offshore wind turbine jacket foundation subjected to ship collision. Ocean Engineering, 2022, 248, 110825.	4.3	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.	9.5	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.	1.6	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.	6.3	13

#	ARTICLE	IF	CITATIONS
19	Multi-Scale LSTM Model for BGP Anomaly Classification. IEEE Transactions on Services Computing, 2021, 14, 765-778.	4.6	33
20	On reliability analysis method through rotational sparse grid nodes. Mechanical Systems and Signal Processing, 2021, 147, 107106.	8.0	46
21	On failure mechanisms in CFRP/Al adhesive joints after hygrothermal aging degradation following by mechanical tests. Thin-Walled Structures, 2021, 158, 107184.	5.3	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.	5.7	28
23	FS-LSTM-Based Sensor Fault and Structural Damage Isolation in SHM. IEEE Sensors Journal, 2021, 21, 3250-3259.	4.7	14
24	Streptococcus thermophilus Inhibits Colorectal Tumorigenesis Through Secreting $\beta$ -Galactosidase. Gastroenterology, 2021, 160, 1179-1193.e14.	1.3	119
25	Fast Supervised Topic Models for Short Text Emotion Detection. IEEE Transactions on Cybernetics, 2021, 51, 815-828.	9.5	26
26	Answering Skyline Queries Over Incomplete Data With Crowdsourcing. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 1360-1374.	5.7	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.	5.3	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.	4.6	7
30	The Neural Stem Cell Properties of PKD2L1+ Cerebrospinal Fluid-Contacting Neurons in vitro. Frontiers in Cellular Neuroscience, 2021, 15, 630882.	3.7	9
31	A time-dependent mechanobiology-based topology optimization to enhance bone growth in tissue scaffolds. Journal of Biomechanics, 2021, 117, 110233.	2.1	23
32	Interfacial Curvature in Confined Coculture Directs Stromal Cell Activity with Spatial Corralling of Pancreatic Cancer Cells. Advanced Biology, 2021, 5, e2000525.	2.5	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.	5.3	12
34	Differentiable neural architecture search for optimal spatial/temporal brain function network decomposition. Medical Image Analysis, 2021, 69, 101974.	11.6	29
35	On design of carbon fiber reinforced plastic (CFRP) laminated structure with different failure criteria. International Journal of Mechanical Sciences, 2021, 196, 106251.	6.7	20
36	Optimization for formability of plain woven carbon fiber fabrics. International Journal of Mechanical Sciences, 2021, 197, 106318.	6.7	27

#	ARTICLE	IF	CITATIONS
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.	5.8	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.	5.3	18
39	On fatigue failure prediction of prosthetic devices through XFEM analysis. <i>International Journal of Fatigue</i> , 2021, 147, 106160.	5.7	8
40	A path-dependent level set topology optimization with fracture criterion. <i>Computers and Structures</i> , 2021, 249, 106515.	4.4	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.	5.3	24
42	On the structural parameters of honeycomb-core sandwich panels against low-velocity impact. <i>Composites Part B: Engineering</i> , 2021, 216, 108881.	12.0	97
43	On the effects of temperature on tensile behavior of carbon fiber reinforced epoxy laminates. <i>Thin-Walled Structures</i> , 2021, 164, 107769.	5.3	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.	3.1	8
45	Finite periodic topology optimization with oriented unit-cells. <i>Structural and Multidisciplinary Optimization</i> , 2021, 64, 1765-1779.	3.5	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.	5.7	7
47	Tonal optimization of bells utilizing evolutionary shape optimization. <i>Journal of Sound and Vibration</i> , 2021, 509, 116233.	3.9	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.	2.8	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.	2.8	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.	5.3	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.	5.3	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.	6.6	49
53	Parallelized optimization design of bumper systems under multiple low-speed impact loads. <i>Thin-Walled Structures</i> , 2021, 167, 108197.	5.3	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.	5.3	78

#	ARTICLE	IF	CITATIONS
55	Measurement of fracture parameters based upon digital image correlation and virtual crack closure techniques. <i>Composites Part B: Engineering</i> , 2021, 224, 109157.	12.0	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.	12.0	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.	8.9	44
58	Synthetic Bone-Like Structures Through Omnidirectional Ceramic Bioprinting in Cell Suspensions. <i>Advanced Functional Materials</i> , 2021, 31, 2008216.	14.9	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.	5.0	100
62	The mystery of coconut overturns the crashworthiness design of composite materials. <i>International Journal of Mechanical Sciences</i> , 2020, 168, 105244.	6.7	28
63	On lateral compression of circular aluminum, CFRP and GFRP tubes. <i>Composite Structures</i> , 2020, 232, 111534.	5.8	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.	2.8	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.	8.0	22
66	Improving Ranking-Oriented Defect Prediction Using a Cost-Sensitive Ranking SVM. <i>IEEE Transactions on Reliability</i> , 2020, 69, 139-153.	4.6	38
67	Fracture modeling of brittle biomaterials by the phase-field method. <i>Engineering Fracture Mechanics</i> , 2020, 224, 106752.	4.3	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.	7.6	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.	5.8	62
70	Parallelized multiobjective efficient global optimization algorithm and its applications. <i>Structural and Multidisciplinary Optimization</i> , 2020, 61, 763-786.	3.5	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.	3.9	1
72	Time-dependent topology optimization of bone plates considering bone remodeling. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 359, 112702.	6.6	36

#	ARTICLE	IF	CITATIONS
73	On crashworthiness design of hybrid metal-composite structures. <i>International Journal of Mechanical Sciences</i> , 2020, 171, 105380.	6.7	117
74	A modular design strategy to integrate mechanotransduction concepts in scaffold-based bone tissue engineering. <i>Acta Biomaterialia</i> , 2020, 118, 100-112.	8.3	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.	3.1	1
76	A novel failure criterion based upon forming limit curve for thermoplastic composites. <i>Composites Part B: Engineering</i> , 2020, 202, 108320.	12.0	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.	12.0	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.	12.0	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.	4.0	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.	12.0	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.	8.1	10
82	Comparative study on aluminum/GFRP/CFRP tubes for oblique lateral crushing. <i>Thin-Walled Structures</i> , 2020, 152, 106420.	5.3	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.	5.3	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.	12.0	85
85	Gut microbiota modulation: a novel strategy for prevention and treatment of colorectal cancer. <i>Oncogene</i> , 2020, 39, 4925-4943.	5.9	321
86	Monolithic crowns fracture analysis: The effect of material properties, cusp angle and crown thickness. <i>Dental Materials</i> , 2020, 36, 1038-1051.	3.5	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.	1.9	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.	2.8	28
89	Crushing responses and energy absorption behaviors of multi-cell CFRP tubes. <i>Thin-Walled Structures</i> , 2020, 155, 106930.	5.3	51
90	On low-velocity impact response of foam-core sandwich panels. <i>International Journal of Mechanical Sciences</i> , 2020, 181, 105681.	6.7	105

#	ARTICLE	IF	CITATIONS
91	Topology optimization for periodic multi-component structures with stiffness and frequency criteria. <i>Structural and Multidisciplinary Optimization</i> , 2020, 61, 2271-2289.	3.5	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.	6.7	30
93	Comparative study on metal/CFRP hybrid structures under static and dynamic loading. <i>International Journal of Impact Engineering</i> , 2020, 141, 103509.	5.0	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.	11.3	9
95	Multiobjective optimization of perforated square CFRP tubes for crashworthiness. <i>Thin-Walled Structures</i> , 2020, 149, 106628.	5.3	55
96	On lateral crashworthiness of aluminum/composite hybrid structures. <i>Composite Structures</i> , 2020, 245, 112334.	5.8	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.	3.5	23
98	A comparison of fast Fourier transform-based homogenization method to asymptotic homogenization method. <i>Composite Structures</i> , 2020, 238, 111979.	5.8	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.	4.3	26
100	Neural Architecture Search for Optimization of Spatial-Temporal Brain Network Decomposition. <i>Lecture Notes in Computer Science</i> , 2020, , 377-386.	1.3	2
101	Research of the processing technology for time complex event based on LSTM. <i>Cluster Computing</i> , 2019, 22, 9571-9579.	5.0	2
102	Multi-material topology optimization for thermal buckling criteria. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2019, 346, 1136-1155.	6.6	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.	3.1	27
104	On hybrid cellular materials based on triply periodic minimal surfaces with extreme mechanical properties. <i>Materials and Design</i> , 2019, 183, 108109.	7.0	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.	2.1	6
106	Graph representation learning with encoding edges. <i>Neurocomputing</i> , 2019, 361, 29-39.	5.9	19
107	A Preoperative Analytical Model for Patient-Specific Impingement Analysis in Total Hip Arthroplasty. <i>Advances in Orthopedics</i> , 2019, 2019, 1-9.	1.0	9
108	Flexural performance and cost efficiency of carbon/basalt/glass hybrid FRP composite laminates. <i>Thin-Walled Structures</i> , 2019, 142, 516-531.	5.3	97

#	ARTICLE	IF	CITATIONS
109	Dynamic response of sandwich panel with hierarchical honeycomb cores subject to blast loading. Thin-Walled Structures, 2019, 142, 499-515.	5.3	96
110	A Community Merger of Optimization Algorithm to Extract Overlapping Communities in Networks. IEEE Access, 2019, 7, 3994-4005.	4.2	8
111	Robust Face Image Super-Resolution via Joint Learning of Subdivided Contextual Model. IEEE Transactions on Image Processing, 2019, 28, 5897-5909.	9.8	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.	12.0	37
113	Phase field fracture in elasto-plastic solids: Abaqus implementation and case studies. Theoretical and Applied Fracture Mechanics, 2019, 103, 102252.	4.7	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.	2.3	3
115	A Novel Peptide Interfering with proBDNF-Sortilin Interaction Alleviates Chronic Inflammatory Pain. Theranostics, 2019, 9, 1651-1665.	10.0	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.	3.4	34
117	Implicit Integration of the Unified Yield Criterion in the Principal Stress Space. Journal of Engineering Mechanics - ASCE, 2019, 145, .	2.9	6
118	Modelling of stress distribution and fracture in dental occlusal fissures. Scientific Reports, 2019, 9, 4682.	3.3	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.	7.6	35
120	Epithelialâ€“mesenchymal transition induced cancerâ€“stemâ€“cellâ€“like characteristics in hepatocellular carcinoma. Journal of Cellular Physiology, 2019, 234, 18448-18458.	4.1	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.	6.7	62
122	Investigation on masticatory muscular functionality following oral reconstruction â€“ An inverse identification approach. Journal of Biomechanics, 2019, 90, 1-8.	2.1	17
123	Experimental study on low-velocity impact responses and residual properties of composite sandwiches with metallic foam core. Composite Structures, 2019, 223, 110835.	5.8	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.	7.6	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.	3.9	19



#	ARTICLE	IF	CITATIONS
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.	3.5	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, .	2.9	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.	5.2	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.	3.2	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.	1.8	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.	3.9	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.	3.5	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.	3.1	13
135	Experimental and numerical investigation into the crashworthiness of metal-foam-composite hybrid structures. <i>Composite Structures</i> , 2019, 209, 535-547.	5.8	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.	6.7	116
137	Design for cost performance of crashworthy structures made of high strength steel. <i>Thin-Walled Structures</i> , 2019, 138, 458-472.	5.3	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.	3.1	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.	7.6	89
140	Exceptional contact elasticity of human enamel in nanoindentation test. <i>Dental Materials</i> , 2019, 35, 87-97.	3.5	13
141	Design of bionic-bamboo thin-walled structures for energy absorption. <i>Thin-Walled Structures</i> , 2019, 135, 400-413.	5.3	168
142	Interactive Hierarchical Object Proposals. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2019, 29, 2552-2566.	8.3	1
143	Sensor fault localization with accumulated residual contribution rate for bridge SHM. <i>Cluster Computing</i> , 2019, 22, 7821-7829.	5.0	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.	4.3	52

#	ARTICLE	IF	CITATIONS
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.	5.3	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.	8.0	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.	14.0	12
148	Crash responses under multiple impacts and residual properties of CFRP and aluminum tubes. <i>Composite Structures</i> , 2018, 194, 87-103.	5.8	51
149	Buckling-Induced Assembly of Three-Dimensional Tunable Metamaterials. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1700420.	2.4	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.	5.6	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.	5.8	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.	1.8	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.	13.7	312
154	Biomechanical analysis of bone remodeling following mandibular reconstruction using fibula free flap. <i>Medical Engineering and Physics</i> , 2018, 56, 1-8.	1.7	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.	12.0	80
156	A new multi-objective discrete robust optimization algorithm for engineering design. <i>Applied Mathematical Modelling</i> , 2018, 53, 602-621.	4.2	98
157	On hierarchical honeycombs under out-of-plane crushing. <i>International Journal of Solids and Structures</i> , 2018, 135, 1-13.	2.7	168
158	Experimental and numerical studies on indentation and perforation characteristics of honeycomb sandwich panels. <i>Composite Structures</i> , 2018, 184, 110-124.	5.8	121
159	Modeling for CFRP structures subjected to quasi-static crushing. <i>Composite Structures</i> , 2018, 184, 41-55.	5.8	137
160	A P2-Type Layered Superionic Conductor Ga-Doped $\text{Na}_2\text{Zn}_2\text{TeO}_6$ for All-Solid-State Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2018, 24, 1057-1061.	3.3	42
161	Topological configuration analysis and design for foam filled multi-cell tubes. <i>Engineering Structures</i> , 2018, 155, 235-250.	5.3	103
162	Configurational optimization of multi-cell topologies for multiple oblique loads. <i>Structural and Multidisciplinary Optimization</i> , 2018, 57, 469-488.	3.5	67

#	ARTICLE	IF	CITATIONS
163	Nondeterministic optimization of tapered sandwich column for crashworthiness. Thin-Walled Structures, 2018, 122, 193-207.	5.3	71
164	Maximizing the Catalytic Activity of Nanoparticles through Monolayer Assembly on Nitrogen-Doped Graphene. Angewandte Chemie - International Edition, 2018, 57, 451-455.	13.8	47
165	Energy absorption of metal, composite and metal/composite hybrid structures under oblique crushing loading. International Journal of Mechanical Sciences, 2018, 135, 458-483.	6.7	187
166	Biofabrication: A Guide to Technology and Terminology. Trends in Biotechnology, 2018, 36, 384-402.	9.3	465
167	One-pot formic acid dehydrogenation and synthesis of benzene-fused heterocycles over reusable AgPd/WO <sub>2.72</sub> nanocatalyst. Journal of Materials Chemistry A, 2018, 6, 23766-23772.	10.3	29
168	Woodpecker: Detecting and mitigating link-flooding attacks via SDN. Computer Networks, 2018, 147, 1-13.	5.1	32
169	Boosting Tunable Syngas Formation via Electrochemical CO <sub>2</sub> Reduction on Cu/In <sub>2</sub> O <sub>3</sub> Core/Shell Nanoparticles. ACS Applied Materials & Interfaces, 2018, 10, 36996-37004.	8.0	106
170	Low-velocity impact behaviour of sandwich panels with homogeneous and stepwise graded foam cores. Materials and Design, 2018, 160, 1117-1136.	7.0	109
171	Cross-Layer Self-Similar Coflow Scheduling for Machine Learning Clusters. , 2018, , .		2
172	Facile synthesis of bimodal porous graphitic carbon nitride nanosheets as efficient photocatalysts for hydrogen evolution. Nano Energy, 2018, 50, 376-382.	16.0	58
173	NiFe (Oxy) Hydroxides Derived from NiFe Disulfides as an Efficient Oxygen Evolution Catalyst for Rechargeable Zn-Air Batteries: The Effect of Surface S Residues. Advanced Materials, 2018, 30, e1800757.	21.0	219
174	Cu-based nanocatalysts for electrochemical reduction of CO <sub>2</sub> . Nano Today, 2018, 21, 41-54.	11.9	374
175	Crashworthiness optimization with uncertainty from surrogate model and numerical error. Thin-Walled Structures, 2018, 129, 457-472.	5.3	32
176	Atomically Dispersed Fe <sub>x</sub> /C Electrocatalyst Boosts Oxygen Catalysis via a New Metal-Organic Polymer Supramolecule Strategy. Advanced Energy Materials, 2018, 8, 1801226.	19.5	216
177	An intelligent rule management scheme for Software Defined Networking. Computer Networks, 2018, 144, 77-88.	5.1	10
178	Multi-objective topology optimization of a vehicle door using multiple material tailor-welded blank (TWB) technology. Advances in Engineering Software, 2018, 124, 1-9.	3.8	35
179	Nitrogen-doped carbon coated LiNi <sub>0.6</sub> Co <sub>0.2</sub> Mn <sub>0.2</sub> O <sub>2</sub> cathode with enhanced electrochemical performance for Li-Ion batteries. Electrochimica Acta, 2018, 284, 526-533.	5.2	44
180	Hierarchical Cu doped SnSe nanoclusters as high-performance anode for sodium-ion batteries. Electrochimica Acta, 2018, 282, 973-980.	5.2	50

#	ARTICLE	IF	CITATIONS
181	Prognostic role of ABO blood group in patients with unresectable hepatocellular carcinoma after transarterial chemoembolization. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 991-998.	2.0	7
182	Mechanical properties of hybrid composites reinforced by carbon and basalt fibers. <i>International Journal of Mechanical Sciences</i> , 2018, 148, 636-651.	6.7	119
183	Residual crashworthiness of CFRP structures with pre-impact damage – An experimental and numerical study. <i>International Journal of Mechanical Sciences</i> , 2018, 149, 122-135.	6.7	56
184	High-velocity impact behaviour of aluminium honeycomb sandwich panels with different structural configurations. <i>International Journal of Impact Engineering</i> , 2018, 122, 119-136.	5.0	124
185	On fracture characteristics of adhesive joints with dissimilar materials – An experimental study using digital image correlation (DIC) technique. <i>Composite Structures</i> , 2018, 201, 1056-1075.	5.8	84
186	Facile synthesis of silk-cocoon S-rich cobalt polysulfide as an efficient catalyst for the hydrogen evolution reaction. <i>Energy and Environmental Science</i> , 2018, 11, 2467-2475.	30.8	91
187	Unified Middlebox Model Design and Deployment With Dynamic Resources. <i>IEEE Transactions on Network and Service Management</i> , 2018, 15, 1035-1048.	4.9	4
188	Shell buckling: from morphogenesis of soft matter to prospective applications. <i>Bioinspiration and Biomimetics</i> , 2018, 13, 051001.	2.9	14
189	Bending characteristics of top-hat structures through tailor rolled blank (TRB) process. <i>Thin-Walled Structures</i> , 2018, 123, 420-440.	5.3	65
190	Micro-CT based modelling for characterising injection-moulded porous titanium implants. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2017, 33, e02779.	2.1	7
191	Back-propagation neural network on Markov chains from system call sequences: a new approach for detecting Android malware with system call sequences. <i>IET Information Security</i> , 2017, 11, 8-15.	1.7	43
192	Crashworthiness design of functionally graded structures with variable diameters. <i>International Journal of Crashworthiness</i> , 2017, 22, 148-162.	1.9	17
193	Bone morphological effects on post-implantation remodeling of maxillary anterior buccal bone: A clinical and biomechanical study. <i>Journal of Prosthodontic Research</i> , 2017, 61, 393-402.	2.8	22
194	Quokka: Latency-Aware Middlebox Scheduling with dynamic resource allocation. <i>Journal of Network and Computer Applications</i> , 2017, 78, 253-266.	9.1	21
195	Static and dynamic crushing responses of CFRP sandwich panels filled with different reinforced materials. <i>Materials and Design</i> , 2017, 117, 396-408.	7.0	60
196	Energy storage materials derived from Prussian blue analogues. <i>Science Bulletin</i> , 2017, 62, 358-368.	9.0	136
197	Crashworthiness analysis and optimization of fourier varying section tubes. <i>International Journal of Non-Linear Mechanics</i> , 2017, 92, 41-58.	2.6	76
198	Dual discriminative local coding for tissue aging analysis. <i>Medical Image Analysis</i> , 2017, 38, 65-76.	11.6	1

#	ARTICLE	IF	CITATIONS
199	Time-Dependent Reliability Analysis Through Response Surface Method. Journal of Mechanical Design, Transactions of the ASME, 2017, 139, .	2.9	185
200	Multiobjective optimization of cartilage stress for non-invasive, patient-specific recommendations of high tibial osteotomy correction angle “a novel method to investigate alignment correction. Medical Engineering and Physics, 2017, 42, 26-34.	1.7	20
201	Graphitic carbon nitride as electrode sensing material for tetrabromobisphenol-A determination. Sensors and Actuators B: Chemical, 2017, 248, 673-681.	7.8	66
202	A fast and incremental update scheme for SDN based on a relation graph. Computer Networks, 2017, 125, 41-52.	5.1	3
203	Discrete topology optimization of ply orientation for a carbon fiber reinforced plastic (CFRP) laminate vehicle door. Materials and Design, 2017, 128, 9-19.	7.0	64
204	Topology Optimization of Multicell Tubes Under Out-of-Plane Crushing Using a Modified Artificial Bee Colony Algorithm. Journal of Mechanical Design, Transactions of the ASME, 2017, 139, .	2.9	34
205	Modeling and validation of SMS worm propagation over social networks. Journal of Computational Science, 2017, 21, 132-139.	2.9	9
206	Atomic scale deposition of Pt around Au nanoparticles to achieve much enhanced electrocatalysis of Pt. Nanoscale, 2017, 9, 7745-7749.	5.6	24
207	On crushing characteristics of different configurations of metal-composites hybrid tubes. Composite Structures, 2017, 175, 58-69.	5.8	128
208	Computational and clinical investigation on the role of mechanical vibration on orthodontic tooth movement. Journal of Biomechanics, 2017, 60, 57-64.	2.1	25
209	Improving the transmission control efficiency in Content Centric Networks. Computer Communications, 2017, 109, 76-88.	5.1	3
210	Scale the Internet routing table by generalized next hops of strict partial order. Information Sciences, 2017, 412-413, 101-115.	6.9	3
211	Parameterization of criss-cross configurations for multiobjective crashworthiness optimization. International Journal of Mechanical Sciences, 2017, 124-125, 145-157.	6.7	174
212	Tuning Sn-Catalysis for Electrochemical Reduction of CO <sub>2</sub> to CO via the Core/Shell Cu/SnO <sub>2</sub> Structure. Journal of the American Chemical Society, 2017, 139, 4290-4293.	13.7	553
213	Pd Nanoparticles Coupled to WO <sub>2.72</sub> Nanorods for Enhanced Electrochemical Oxidation of Formic Acid. Nano Letters, 2017, 17, 2727-2731.	9.1	136
214	Dynamic crash responses of bio-inspired aluminum honeycomb sandwich structures with CFRP panels. Composites Part B: Engineering, 2017, 121, 122-133.	12.0	190
215	An experimental and numerical study on quasi-static and dynamic crashing behaviors for tailor rolled blank (TRB) structures. Materials and Design, 2017, 118, 175-197.	7.0	61
216	A new layered titanate Na <sub>2</sub> Li <sub>2</sub> Ti <sub>5</sub> O <sub>12</sub> as a high-performance intercalation anode for sodium-ion batteries. Journal of Materials Chemistry A, 2017, 5, 22208-22215.	10.3	18

#	ARTICLE	IF	CITATIONS
217	Stabilizing CuPd Nanoparticles via CuPd Coupling to WO <sub>3</sub> Nanorods in Electrochemical Oxidation of Formic Acid. <i>Journal of the American Chemical Society</i> , 2017, 139, 15191-15196.	13.7	106
218	Autophagy in the "inflammation-carcinogenesis" pathway of liver and HCC immunotherapy. <i>Cancer Letters</i> , 2017, 411, 82-89.	7.2	54
219	Multiobjective reliability-based optimization for crashworthy structures coupled with metal forming process. <i>Structural and Multidisciplinary Optimization</i> , 2017, 56, 1571-1587.	3.5	45
220	Precious metal-free approach to hydrogen electrocatalysis for energy conversion: From mechanism understanding to catalyst design. <i>Nano Energy</i> , 2017, 42, 69-89.	16.0	157
221	Crashworthiness design of a steel-aluminum hybrid rail using multi-response objective-oriented sequential optimization. <i>Advances in Engineering Software</i> , 2017, 112, 192-199.	3.8	25
222	Experimental and numerical study on honeycomb sandwich panels under bending and in-panel compression. <i>Materials and Design</i> , 2017, 133, 154-168.	7.0	193
223	Axial and lateral crushing responses of aluminum honeycombs filled with EPP foam. <i>Composites Part B: Engineering</i> , 2017, 130, 236-247.	12.0	98
224	Angiogenesis inhibitors for the treatment of small cell lung cancer (SCLC). <i>Medicine (United States)</i> , 2017, 96, e6412.	1.0	18
225	Amorphous Co-Fe-P nanospheres for efficient water oxidation. <i>Journal of Materials Chemistry A</i> , 2017, 5, 25378-25384.	10.3	100
226	Recent advances in Cu-based nanocomposite photocatalysts for CO <sub>2</sub> conversion to solar fuels. <i>Journal of Energy Chemistry</i> , 2017, 26, 1039-1049.	12.9	67
227	Graphene-Roll-Wrapped Prussian Blue Nanospheres as a High-Performance Binder-Free Cathode for Sodium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 25317-25322.	8.0	75
228	On functionally-graded crashworthy shape of conical structures for multiple load cases. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 2861-2873.	1.5	18
229	A low overhead flow-holding algorithm in software-defined networks. <i>Computer Networks</i> , 2017, 124, 170-180.	5.1	14
230	ABO blood type correlates with survival in hepatocellular carcinoma following hepatectomy. <i>Scientific Reports</i> , 2017, 7, 4412.	3.3	15
231	Load bearing and failure characteristics of perforated square CFRP tubes under axial crushing. <i>Composite Structures</i> , 2017, 160, 23-35.	5.8	59
232	Multi-objective and multi-case reliability-based design optimization for tailor rolled blank (TRB) structures. <i>Structural and Multidisciplinary Optimization</i> , 2017, 55, 1899-1916.	3.5	97
233	Simulation of multi-stage nonlinear bone remodeling induced by fixed partial dentures of different configurations: a comparative clinical and numerical study. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 411-423.	2.8	11
234	A smart routing scheme for named data networks. <i>Computer Communications</i> , 2017, 103, 83-93.	5.1	6

#	ARTICLE	IF	CITATIONS
235	Design and analysis of SEIQR worm propagation model in mobile internet. Communications in Nonlinear Science and Numerical Simulation, 2017, 43, 341-350.	3.3	42
236	On design optimization for structural crashworthiness and its state of the art. Structural and Multidisciplinary Optimization, 2017, 55, 1091-1119.	3.5	312
237	A customized and cost-efficient backup scheme in software-defined networks. , 2017, , .		3
238	Balancer: A Traffic-Aware Hybrid Rule Allocation Scheme in Software Defined Networks. , 2017, , .		5
239	IRMS: An intelligent rule management scheme for software defined networking. , 2017, , .		2
240	MBBrick: Unified Middlebox Design and Deployment in Software Defined Network. , 2017, , .		1
241	START:Sensible traffic scheduling in dynamic data center networks. , 2017, , .		0
242	Balancing interdependent networks: Theory and algorithm. , 2017, , .		0
243	A hybrid-timeout mechanism to handle rule dependencies in software defined networks. , 2017, , .		8
244	On the Topology Optimization of Elastic Supporting Structures under Thermomechanical Loads. International Journal of Aerospace Engineering, 2016, 2016, 1-12.	0.9	13
245	The Relationship of Mandibular Morphology with Residual Ridge Resorption Associated with Implant-Retained Overdentures. International Journal of Prosthodontics, 2016, 29, 573-580.	1.7	7
246	Biomechanical optimization of subject-specific implant positioning for femoral head resurfacing to reduce fracture risk. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2016, 230, 668-674.	1.8	1
247	On energy absorption of functionally graded tubes under transverse loading. International Journal of Mechanical Sciences, 2016, 115-116, 465-480.	6.7	57
248	Reduce completion time and guarantee throughput by transport with slight congestion. , 2016, , .		1
249	A Measurement Study on the Distribution Disparity of BGP Instabilities. , 2016, , .		2
250	A finite-element approach to evaluating the size effects of complex nanostructures. Royal Society Open Science, 2016, 3, 160625.	2.4	6
251	FICUS: Fast Incremental Consistent Update in SDN based on relation graph. , 2016, , .		1
252	Priority-based and Throughput-guaranteed Transport protocol for data center networks. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
253	Optimizing content delivery in ICN networks by the supply chain model. , 2016, , .		5
254	Crashworthiness analysis and optimization of sinusoidal corrugation tube. Thin-Walled Structures, 2016, 105, 121-134.	5.3	88
255	Controlled assembly of Cu nanoparticles on pyridinic-N rich graphene for electrochemical reduction of CO <sub>2</sub> to ethylene. Nano Energy, 2016, 24, 1-9.	16.0	199
256	Timing order fulfillment of capital goods under a constrained capacity. Annals of Operations Research, 2016, 241, 431-456.	4.1	4
257	High-Performance Direct Methanol Fuel Cells with Precious-Metal-Free Cathode. Advanced Science, 2016, 3, 1600140.	11.2	105
258	Sensitivity analysis and reliability based design optimization for high-strength steel tailor welded thin-walled structures under crashworthiness. Thin-Walled Structures, 2016, 109, 132-142.	5.3	72
259	Yielding behaviors of polymeric scaffolds with implications to tissue engineering. Materials Letters, 2016, 184, 108-111.	2.6	20
260	Crashworthiness of vertex based hierarchical honeycombs in out-of-plane impact. Materials and Design, 2016, 110, 705-719.	7.0	176
261	Experimental study on crashworthiness of empty/aluminum foam/honeycomb-filled CFRP tubes. Composite Structures, 2016, 152, 969-993.	5.8	193
262	Towards mitigating Link Flooding Attack via incremental SDN deployment. , 2016, , .		9
263	Fracture behaviors of ceramic tissue scaffolds for load bearing applications. Scientific Reports, 2016, 6, 28816.	3.3	41
264	Theoretical, numerical, and experimental study on laterally variable thickness (LVT) multi-cell tubes for crashworthiness. International Journal of Mechanical Sciences, 2016, 118, 283-297.	6.7	96
265	A declarative failure recovery system in software defined networks. , 2016, , .		10
266	Measurement of large-scale BGP events: Definition, detection, and analysis. Computer Networks, 2016, 110, 31-45.	5.1	6
267	On design of graded honeycomb filler and tubal wall thickness for multiple load cases. Thin-Walled Structures, 2016, 109, 377-389.	5.3	81
268	MSRT: Multi-Source Request and Transmission in Content-Centric Networks. , 2016, , .		0
269	A Kirigami Approach to Forming a Synthetic Buckliball. Scientific Reports, 2016, 6, 33016.	3.3	9
270	On the shape transformation of cone scales. Soft Matter, 2016, 12, 9797-9802.	2.7	21



#	ARTICLE	IF	CITATIONS
271	Notch Signaling Components. <i>Medicine (United States)</i> , 2016, 95, e3715.	1.0	24
272	Design of transversely-graded foam and wall thickness structures for crashworthiness criteria. <i>Composites Part B: Engineering</i> , 2016, 92, 338-349.	12.0	89
273	Multiobjective sequential optimization for a vehicle door using hybrid materials tailor-welded structure. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2016, 230, 3092-3100.	2.1	25
274	Topological design of all-ceramic dental bridges for enhancing fracture resistance. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2016, 32, e02749.	2.1	30
275	Organic Phase Syntheses of Magnetic Nanoparticles and Their Applications. <i>Chemical Reviews</i> , 2016, 116, 10473-10512.	47.7	492
276	Personalized and efficient social image transmission scheme in mobile wireless network. <i>Multimedia Tools and Applications</i> , 2016, 75, 2931-2968.	3.9	6
277	Incorporating sentiment into tag-based user profiles and resource profiles for personalized search in folksonomy. <i>Information Processing and Management</i> , 2016, 52, 61-72.	8.6	72
278	Biofabrication: reappraising the definition of an evolving field. <i>Biofabrication</i> , 2016, 8, 013001.	7.1	523
279	Effects of design parameters on fracture resistance of glass simulated dental crowns. <i>Dental Materials</i> , 2016, 32, 373-384.	3.5	15
280	Multiobjective robust optimization of coronary stents. <i>Materials and Design</i> , 2016, 90, 682-692.	7.0	51
281	Smoothed finite element method for analysis of multi-layered systems – Applications in biomaterials. <i>Computers and Structures</i> , 2016, 168, 16-29.	4.4	19
282	Theoretical prediction and optimization of multi-cell hexagonal tubes under axial crashing. <i>Thin-Walled Structures</i> , 2016, 102, 111-121.	5.3	125
283	Recent advances in the organic solution phase synthesis of metal nanoparticles and their electrocatalysis for energy conversion reactions. <i>Nano Energy</i> , 2016, 29, 178-197.	16.0	63
284	Fracture behavior of inlay and onlay fixed partial dentures – An in-vitro experimental and XFEM modeling study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 59, 279-290.	3.1	21
285	Biomechanical investigation into the role of the periodontal ligament in optimising orthodontic force: a finite element case study. <i>Archives of Oral Biology</i> , 2016, 66, 98-107.	1.8	59
286	Characterization of tissue scaffolds for time-dependent biotransport criteria – a novel computational procedure. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 1210-1224.	1.6	8
287	Determination of oral mucosal Poisson's ratio and coefficient of friction from <i>in-vivo</i> contact pressure measurements. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 357-365.	1.6	13
288	On design of multi-cell thin-wall structures for crashworthiness. <i>International Journal of Impact Engineering</i> , 2016, 88, 102-117.	5.0	180

#	ARTICLE	IF	CITATIONS
289	Mechanical benefits of conservative restoration for dental fissure caries. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 53, 11-20.	3.1	29
290	Development and Validation of a High-Fidelity Finite-Element Model of Monopolar Stimulation in the Implanted Guinea Pig Cochlea. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 188-198.	4.2	22
291	CD103+ Dendritic Cells Elicit CD8+ T Cell Responses to Accelerate Kidney Injury in Adriamycin Nephropathy. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1344-1360.	6.1	49
292	Personalized search for social media via dominating verbal context. <i>Neurocomputing</i> , 2016, 172, 27-37.	5.9	39
293	Histopathology Image Categorization with Discriminative Dimension Reduction of Fisher Vectors. <i>Lecture Notes in Computer Science</i> , 2016, , 306-317.	1.3	7
294	Detection and Prevention of Code Injection Attacks on HTML5-Based Apps. , 2015, , .		10
295	Investigation of Mucosa-Induced Residual Ridge Resorption Under Implant-Retained Overdentures and Complete Dentures in the Mandible. <i>International Journal of Oral and Maxillofacial Implants</i> , 2015, 30, 657-666.	1.4	31
296	Investigating size effects of complex nanostructures through Young-Laplace equation and finite element analysis. <i>Journal of Applied Physics</i> , 2015, 118, 204301.	2.5	3
297	Two effective methods to detect mobile malware. , 2015, , .		4
298	Dynamic crashing behavior of new extrudable multi-cell tubes with a functionally graded thickness. <i>International Journal of Mechanical Sciences</i> , 2015, 103, 63-73.	6.7	186
299	Design for minimizing fracture risk of all-ceramic cantilever dental bridge. <i>Bio-Medical Materials and Engineering</i> , 2015, 26, S19-S25.	0.6	4
300	Controlled Anisotropic Growth of Coâ€Feâ€P from Coâ€Feâ€O Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9642-9645.	13.8	132
301	Highâ€Activity PtRuPd/C Catalyst for Direct Dimethyl Ether Fuel Cells. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7524-7528.	13.8	38
302	Shape Optimization for Additive Manufacturing of Removable Partial Dentures - A New Paradigm for Prosthetic CAD/CAM. <i>PLoS ONE</i> , 2015, 10, e0132552.	2.5	44
303	Prognostic value of Notch-1 expression in hepatocellular carcinoma: a meta-analysis. <i>OncoTargets and Therapy</i> , 2015, 8, 3105.	2.0	17
304	Adaptive ensemble with trust networks and collaborative recommendations. <i>Knowledge and Information Systems</i> , 2015, 44, 663-688.	3.2	11
305	Stable Cobalt Nanoparticles and Their Monolayer Array as an Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2015, 137, 7071-7074.	13.7	299
306	RAPIT: RTT-Aware Pending Interest Table for Content Centric Networking. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
307	Towards adaptive elastic distributed Software Defined Networking. , 2015, , .		2
308	Computational modeling of dynamic behaviors of human teeth. Journal of Biomechanics, 2015, 48, 4214-4220.	2.1	17
309	Fusing subcategory probabilities for texture classification. , 2015, , .		6
310	Detect and analyze Large-scale BGP events by bi-clustering Update Visibility Matrix. , 2015, , .		0
311	Joint optimization of content replication and Traffic Engineering in ICN. , 2015, , .		6
312	Comparison of functionally-graded structures under multiple loading angles. Thin-Walled Structures, 2015, 94, 334-347.	5.3	75
313	Detecting Mobile Malware with TMSVM. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 507-516.	0.3	3
314	Discrete robust optimization algorithm based on Taguchi method for structural crashworthiness design. Expert Systems With Applications, 2015, 42, 4482-4492.	7.6	56
315	Multiobjective robust optimization for crashworthiness design of foam filled thin-walled structures with random and interval uncertainties. Engineering Structures, 2015, 88, 111-124.	5.3	65
316	Development of HEATHER for Cochlear Implant Stimulation Using a New Modeling Workflow. IEEE Transactions on Biomedical Engineering, 2015, 62, 728-735.	4.2	19
317	A comparative study on complete and implant retained denture treatments â€œ A biomechanics perspective. Journal of Biomechanics, 2015, 48, 512-519.	2.1	50
318	Boneâ€™s responses to different designs of implant-supported fixed partial dentures. Biomechanics and Modeling in Mechanobiology, 2015, 14, 403-411.	2.8	36
319	Review Authorship Attribution in a Similarity Space. Journal of Computer Science and Technology, 2015, 30, 200-213.	1.5	8
320	New Approach to Fully Ordered fct-FePt Nanoparticles for Much Enhanced Electrocatalysis in Acid. Nano Letters, 2015, 15, 2468-2473.	9.1	385
321	Crashworthiness study on functionally graded thin-walled structures. International Journal of Crashworthiness, 2015, 20, 280-300.	1.9	34
322	Experimental and numerical studies on multi-layered corrugated sandwich panels under crushing loading. Composite Structures, 2015, 126, 371-385.	5.8	110
323	MobiFeed: A location-aware news feed framework for moving users. Geoinformatica, 2015, 19, 633-669.	2.7	11
324	On functionally graded composite structures for crashworthiness. Composite Structures, 2015, 132, 393-405.	5.8	109

#	ARTICLE	IF	CITATIONS
325	Subject specific finite element modeling of periprosthetic femoral fracture using element deactivation to simulate bone failure. <i>Medical Engineering and Physics</i> , 2015, 37, 567-573.	1.7	8
326	On design of multi-cell tubes under axial and oblique impact loads. <i>Thin-Walled Structures</i> , 2015, 95, 115-126.	5.3	221
327	Crashworthiness design for foam-filled thin-walled structures with functionally lateral graded thickness sheets. <i>Thin-Walled Structures</i> , 2015, 91, 63-71.	5.3	102
328	How does negative Poisson's ratio of foam filler affect crashworthiness?. <i>Materials and Design</i> , 2015, 82, 247-259.	7.0	115
329	Buckling-induced retraction of spherical shells: A study on the shape of aperture. <i>Scientific Reports</i> , 2015, 5, 11309.	3.3	10
330	Crashworthiness analysis and design of multi-cell hexagonal columns under multiple loading cases. <i>Finite Elements in Analysis and Design</i> , 2015, 104, 89-101.	3.2	220
331	Experimental investigation into dynamic axial impact responses of double hat shaped CFRP tubes. <i>Composites Part B: Engineering</i> , 2015, 79, 494-504.	12.0	78
332	Crashworthiness design for functionally graded foam-filled bumper beam. <i>Advances in Engineering Software</i> , 2015, 85, 81-95.	3.8	109
333	A New Core/Shell NiAu/Au Nanoparticle Catalyst with Pt-like Activity for Hydrogen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2015, 137, 5859-5862.	13.7	274
334	Subject-specific finite element model with an optical tracking system in total hip replacement surgery. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2015, 229, 280-290.	1.8	2
335	Online Comment-Based Hotel Quality Automatic Assessment Using Improved Fuzzy Comprehensive Evaluation and Fuzzy Cognitive Map. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 72-84.	9.8	91
336	Does Summarization Help Stock Prediction? A News Impact Analysis. <i>IEEE Intelligent Systems</i> , 2015, 30, 26-34.	4.0	51
337	Biomechanics of oral mucosa. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150325.	3.4	79
338	Design of fiber metamaterials with negative refractive index in the infrared. <i>Optics Express</i> , 2015, 23, 18236.	3.4	5
339	Engineering Pre-vascularized Scaffolds for Bone Regeneration. <i>Advances in Experimental Medicine and Biology</i> , 2015, 881, 79-94.	1.6	90
340	Modeling the effects of electrode recessing on electrochemical safety in cochlear implant electrodes. , 2015, , .		0
341	An experimental study on fatigue characteristics of CFRP-steel hybrid laminates. <i>Materials and Design</i> , 2015, 88, 643-650.	7.0	50
342	MDTC: An efficient approach to TCAM-based multidimensional table compression. , 2015, , .		5

#	ARTICLE	IF	CITATIONS
343	Atomic layer deposition of Al <sub>2</sub> O <sub>3</sub> and Al <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> barrier coatings to reduce the water vapour permeability of polyetheretherketone. <i>Thin Solid Films</i> , 2015, 591, 131-136.	1.8	27
344	NextHop-Selectable FIB aggregation: An instant approach for internet routing scalability. <i>Computer Communications</i> , 2015, 67, 11-22.	5.1	5
345	Size-controlled large-diameter and few-walled carbon nanotube catalysts for oxygen reduction. <i>Nanoscale</i> , 2015, 7, 20290-20298.	5.6	112
346	Toward Latency-Aware Dynamic Middlebox Scheduling. , 2015, , .		16
347	SARD: A Smart Approach of Rule Division for fast flow-level consistent update in SDN. <i>Computer Networks</i> , 2015, 92, 287-299.	5.1	3
348	Incremental evaluation of top-k combinatorial metric skyline query. <i>Knowledge-Based Systems</i> , 2015, 74, 89-105.	7.1	20
349	A comparative study on thin-walled structures with functionally graded thickness (FGT) and tapered tubes withstanding oblique impact loading. <i>International Journal of Impact Engineering</i> , 2015, 77, 68-83.	5.0	141
350	Metal-Organic Framework-Derived Bamboo-Like Nitrogen-Doped Graphene Tubes as an Active Matrix for Hybrid Oxygen-Reduction Electrocatalysts. <i>Small</i> , 2015, 11, 1443-1452.	10.0	209
351	Multiobjective robust design optimization of fatigue life for a truck cab. <i>Reliability Engineering and System Safety</i> , 2015, 135, 1-8.	8.9	89
352	On processing reverse k-skyband and ranked reverse skyline queries. <i>Information Sciences</i> , 2015, 293, 11-34.	6.9	23
353	The Collaborative Search by Tag-Based User Profile in Social Media. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	2.1	3
354	Core/Shell Au/MnO Nanoparticles Prepared Through Controlled Oxidation of AuMn as an Electrocatalyst for Sensitive H <sub>2</sub> O <sub>2</sub> Detection. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12508-12512.	13.8	84
355	Fatigue optimization with combined ensembles of surrogate modeling for a truck cab. <i>Journal of Mechanical Science and Technology</i> , 2014, 28, 4641-4649.	1.5	23
356	Multimodularity and Its Applications in Three Stochastic Dynamic Inventory Problems. <i>Manufacturing and Service Operations Management</i> , 2014, 16, 455-463.	3.7	104
357	Flow-level consistent update in SDN based on K-prefix covering. , 2014, , .		1
358	Double-negative metamaterial from conducting spheres with a high-permittivity shell. <i>Optics Letters</i> , 2014, 39, 4587.	3.3	5
359	Comparing Contact Pressure Induced by a Conventional Complete Denture and an Implant-Retained Overdenture. <i>Applied Mechanics and Materials</i> , 2014, 553, 384-389.	0.2	2
360	Automated High Quality Isosurface Modeling Technique for Iterative Two-Phase Problems. <i>Applied Mechanics and Materials</i> , 2014, 553, 818-823.	0.2	0

#	ARTICLE	IF	CITATIONS
361	Buckling-Induced Retraction of Structured Spherical Shell under Pressure. Applied Mechanics and Materials, 2014, 553, 842-846.	0.2	0
362	Medical image classification with convolutional neural network. , 2014, , .		419
363	Crashworthiness optimization of new thin-walled cellular configurations. Engineering Computations, 2014, 31, 879-897.	1.4	9
364	Impact Loads Resulting in Intraoperative Periprosthetic Femoral Fracture: A Finite Element Study. Applied Mechanics and Materials, 2014, 553, 299-304.	0.2	0
365	Efficient Personalized Probabilistic Retrieval of Chinese Calligraphic Manuscript Images in Mobile Cloud Environment. ACM Transactions on Asian Language Information Processing, 2014, 13, 1-38.	0.8	3
366	Design of fishnet metamaterials with broadband negative refractive index in the visible spectrum. Optics Letters, 2014, 39, 2415.	3.3	21
367	Multiscale metamaterials: a new route to isotropic double-negative behaviour at visible frequencies. Optics Express, 2014, 22, 21929.	3.4	2
368	Topic formation and development: a core-group evolving process. World Wide Web, 2014, 17, 1343-1373.	4.0	4
369	Towards ultra-stiff materials: Surface effects on nanoporous materials. Applied Physics Letters, 2014, 105, .	3.3	10
370	Topology Optimization of Photonic Band Gap Crystals. Applied Mechanics and Materials, 2014, 553, 824-829.	0.2	1
371	A strategy for fabricating nanoporous gold films through chemical dealloying of electrochemically deposited Au-Sn alloys. Nanotechnology, 2014, 25, 445602.	2.6	21
372	A dynamic execution offloading model for efficient mobile cloud computing. , 2014, , .		6
373	Session-based access control in information-centric networks: Design and analyses. , 2014, , .		15
374	Experimental study on crashworthiness of tailor-welded blank (TWB) thin-walled high-strength steel (HSS) tubular structures. Thin-Walled Structures, 2014, 74, 12-27.	5.3	61
375	Promotional role of B2O3 in enhancing hollow SnO2 anode performance for Li-ion batteries. Journal of Power Sources, 2014, 251, 279-286.	7.8	21
376	Experimental investigation on high strength steel (HSS) tailor-welded blanks (TWBs). Journal of Materials Processing Technology, 2014, 214, 925-935.	6.3	39
377	Electrochemical behaviors of protonated diamines at the micro-water/1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 2014, 726, 21-26.	3.8	5
378	Usersâ€™™ interest grouping from online reviews based on topic frequency and order. World Wide Web, 2014, 17, 1321-1342.	4.0	8

#	ARTICLE	IF	CITATIONS
379	Robust optimization of foam-filled thin-walled structure based on sequential Kriging metamodel. <i>Structural and Multidisciplinary Optimization</i> , 2014, 49, 897-913.	3.5	85
380	Probabilistic top-K dominating services composition with uncertain QoS. <i>Service Oriented Computing and Applications</i> , 2014, 8, 91-103.	1.6	10
381	Failure analysis for resistance spot welding in lap-shear specimens. <i>International Journal of Mechanical Sciences</i> , 2014, 78, 154-166.	6.7	25
382	Crashing analysis and multiobjective optimization for thin-walled structures with functionally graded thickness. <i>International Journal of Impact Engineering</i> , 2014, 64, 62-74.	5.0	245
383	Nanocarbon Electrocatalysts for Oxygen Reduction in Alkaline Media for Advanced Energy Conversion and Storage. <i>Advanced Energy Materials</i> , 2014, 4, 1301415.	19.5	351
384	Graphene prepared by one-pot solvent exfoliation as a highly sensitive platform for electrochemical sensing. <i>Analytica Chimica Acta</i> , 2014, 825, 26-33.	5.4	66
385	Brain CT Image Similarity Retrieval Method Based on Uncertain Location Graph. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 574-584.	6.3	14
386	Morphology-Dependent Performance of CuO Anodes via Facile and Controllable Synthesis for Lithium-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 1243-1250.	8.0	172
387	Efficient and robust large medical image retrieval in mobile cloud computing environment. <i>Information Sciences</i> , 2014, 263, 60-86.	6.9	54
388	Active and Selective Conversion of CO <sub>2</sub> to CO on Ultrathin Au Nanowires. <i>Journal of the American Chemical Society</i> , 2014, 136, 16132-16135.	13.7	784
389	Multiblock Copolymers Based upon Increased Hydrophobicity Bisphenol A Moieties for Proton Exchange Membranes. <i>Journal of the Electrochemical Society</i> , 2014, 161, F535-F543.	2.9	14
390	Effects of Redox Mediators on the Catalytic Activity of Iron Porphyrins towards Oxygen Reduction in Acidic Media. <i>ChemElectroChem</i> , 2014, 1, 1508-1515.	3.4	14
391	Building emotional dictionary for sentiment analysis of online news. <i>World Wide Web</i> , 2014, 17, 723-742.	4.0	150
392	Graphene and its composites with nanoparticles for electrochemical energy applications. <i>Nano Today</i> , 2014, 9, 668-683.	11.9	230
393	Micro-crack formation in direct methanol fuel cell electrodes. <i>Journal of Power Sources</i> , 2014, 271, 561-569.	7.8	13
394	Self-Assembled Reduced Graphene Oxide/Polyacrylamide Conductive Composite Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 19783-19790.	8.0	22
395	Pd-decorated three-dimensional nanoporous Au/Ni foam composite electrodes for H <sub>2</sub> O <sub>2</sub> reduction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 16474-16479.	10.3	31
396	Controlled synthesis of micro/nanostructured CuO anodes for lithium-ion batteries. <i>Nano Energy</i> , 2014, 9, 334-344.	16.0	161

#	ARTICLE	IF	CITATIONS
397	Nanostructured carbon-based cathode catalysts for nonaqueous lithium-oxygen batteries. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 13568-13582.	2.8	104
398	Discovering p-doped mechanism in non-magnetic Ni-P films for HDD substrate: a combined experimental and theoretical study. <i>RSC Advances</i> , 2014, 4, 14663-14672.	3.6	3
399	Crashworthiness design of foam-filled bitubal structures with uncertainty. <i>International Journal of Non-Linear Mechanics</i> , 2014, 67, 120-132.	2.6	72
400	Optimization design of corrugated beam guardrail based on RBF-MQ surrogate model and collision safety consideration. <i>Advances in Engineering Software</i> , 2014, 78, 28-40.	3.8	39
401	Quasi-static axial crushing and transverse bending of double hat shaped CFRP tubes. <i>Composite Structures</i> , 2014, 117, 1-11.	5.8	125
402	Crushing analysis of foam-filled single and bitubal polygonal thin-walled tubes. <i>International Journal of Mechanical Sciences</i> , 2014, 87, 226-240.	6.7	123
403	Nanoporous gold on three-dimensional nickel foam: An efficient hybrid electrode for hydrogen peroxide electroreduction in acid media. <i>Journal of Power Sources</i> , 2014, 269, 461-465.	7.8	32
404	Phosphate-Tolerant Oxygen Reduction Catalysts. <i>ACS Catalysis</i> , 2014, 4, 3193-3200.	11.2	116
405	Measuring Algebraic Complexity of Text Understanding Based on Human Concept Learning. <i>IEEE Transactions on Human-Machine Systems</i> , 2014, 44, 638-649.	3.5	4
406	Identification of mechanical properties of the weld line by combining 3D digital image correlation with inverse modeling procedure. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 74, 893-905.	3.0	35
407	Role of two carbon phases in oxygen reduction reaction on the Co-PPy-C catalyst. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 15887-15893.	7.1	23
408	Core-shell structured hollow SnO <sub>2</sub> -polypyrrole nanocomposite anodes with enhanced cyclic performance for lithium-ion batteries. <i>Nano Energy</i> , 2014, 6, 73-81.	16.0	160
409	Polypyrrole Composite Film for Highly Sensitive and Selective Electrochemical Determination Sensors. <i>Electrochimica Acta</i> , 2014, 130, 187-193.	5.2	18
410	Direct Dimethyl Ether Fuel Cell with Much Improved Performance. <i>Electrocatalysis</i> , 2014, 5, 310-317.	3.0	32
411	Theoretical and experimental studies of the corrosion inhibition effect of nitrotetrazolium blue chloride on copper in 0.1 M H <sub>2</sub> SO <sub>4</sub> . <i>RSC Advances</i> , 2014, 4, 40606-40616.	3.6	36
412	Towards building a social emotion detection system for online news. <i>Future Generation Computer Systems</i> , 2014, 37, 438-448.	7.5	51
413	Controlled Disulfonated Poly(Arylene Ether Sulfone) Multiblock Copolymers for Direct Methanol Fuel Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 5779-5788.	8.0	33
414	Monochromatic and bichromatic mutual skyline queries. <i>Expert Systems With Applications</i> , 2014, 41, 1885-1900.	7.6	14



#	ARTICLE	IF	CITATIONS
415	Rare category exploration. <i>Expert Systems With Applications</i> , 2014, 41, 4197-4210.	7.6	17
416	Parametric analysis and multiobjective optimization for functionally graded foam-filled thin-wall tube under lateral impact. <i>Computational Materials Science</i> , 2014, 90, 265-275.	3.0	139
417	Processing k-skyband, constrained skyline, and group-by skyline queries on incomplete data. <i>Expert Systems With Applications</i> , 2014, 41, 4959-4974.	7.6	34
418	Adsorption behavior of triblock copolymer suppressors during the copper electrodeposition. <i>Electrochimica Acta</i> , 2014, 116, 284-291.	5.2	48
419	Impact responses and residual flexural properties of narrow CFRP laminates. <i>Composite Structures</i> , 2014, 111, 332-339.	5.8	26
420	A periodontal ligament driven remodeling algorithm for orthodontic tooth movement. <i>Journal of Biomechanics</i> , 2014, 47, 1689-1695.	2.1	80
421	Searching continuous nearest neighbors in road networks on the air. <i>Information Systems</i> , 2014, 42, 177-194.	3.6	13
422	Determination of mechanical properties of the weld line by combining micro-indentation with inverse modeling. <i>Computational Materials Science</i> , 2014, 85, 347-362.	3.0	42
423	Graphene/Graphene@Tube Nanocomposites Templated from Cage-Containing Metal-Organic Frameworks for Oxygen Reduction in Li-O <sub>2</sub> Batteries. <i>Advanced Materials</i> , 2014, 26, 1378-1386.	21.0	398
424	Multiobjective crashworthiness optimization of hollow and conical tubes for multiple load cases. <i>Thin-Walled Structures</i> , 2014, 82, 331-342.	5.3	86
425	Exploring personalized searches using tag-based user profiles and resource profiles in folksonomy. <i>Neural Networks</i> , 2014, 58, 98-110.	5.9	39
426	Product aspect extraction supervised with online domain knowledge. <i>Knowledge-Based Systems</i> , 2014, 71, 86-100.	7.1	83
427	Community-aware user profile enrichment in folksonomy. <i>Neural Networks</i> , 2014, 58, 111-121.	5.9	80
428	Affective topic model for social emotion detection. <i>Neural Networks</i> , 2014, 58, 29-37.	5.9	79
429	Sentiment topic models for social emotion mining. <i>Information Sciences</i> , 2014, 266, 90-100.	6.9	126
430	Exploiting small world property for network clustering. <i>World Wide Web</i> , 2014, 17, 405-425.	4.0	3
431	Typicality-Based Collaborative Filtering Recommendation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014, 26, 766-779.	5.7	168
432	Development of a novel identification platform for automotive dampers. <i>International Journal of Vehicle Design</i> , 2014, 66, 272.	0.3	4

#	ARTICLE	IF	CITATIONS
433	Rating Propagation in Web Services Reputation Systems: A Fast Shapley Value Approach. Lecture Notes in Computer Science, 2014, , 466-480.	1.3	5
434	The Load-Based Learner Profile for Incidental Word Learning Task Generation. Lecture Notes in Computer Science, 2014, , 190-200.	1.3	22
435	Spatiotemporal Background Subtraction Using Minimum Spanning Tree and Optical Flow. Lecture Notes in Computer Science, 2014, , 521-534.	1.3	24
436	Search Pattern: Classifying Search Engines from a New Perspective. Lecture Notes in Electrical Engineering, 2014, , 417-422.	0.4	1
437	Computer Science Paper Classification for CSAR. Lecture Notes in Computer Science, 2014, , 34-43.	1.3	2
438	Three dimensional quantification of mandibular bone remodeling using standard tessellation language registration based superimposition. Clinical Oral Implants Research, 2013, 24, 1273-1279.	4.5	21
439	A Comparative study on multiobjective reliable and robust optimization for crashworthiness design of vehicle structure. Structural and Multidisciplinary Optimization, 2013, 48, 669-684.	3.5	101
440	Crashworthiness design of multi-component tailor-welded blank (TWB) structures. Structural and Multidisciplinary Optimization, 2013, 48, 653-667.	3.5	60
441	Multiobjective optimization design for vehicle occupant restraint system under frontal impact. Structural and Multidisciplinary Optimization, 2013, 47, 465-477.	3.5	29
442	Thermally induced fracture for core-veneered dental ceramic structures. Acta Biomaterialia, 2013, 9, 8394-8402.	8.3	60
443	Facilitated Ion Transfers at the Micro-Water/1,2-Dichloroethane Interface by Crown Ether Derivatives. Electroanalysis, 2013, 25, 1080-1084.	2.9	10
444	Graphene/Fe <sub>2</sub> O <sub>3</sub> /SnO <sub>2</sub> Ternary Nanocomposites as a High-Performance Anode for Lithium Ion Batteries. ACS Applied Materials & Interfaces, 2013, 5, 8607-8614.	8.0	129
445	Bioinspired lightweight cellular materials - Understanding effects of natural variation on mechanical properties. Materials Science and Engineering C, 2013, 33, 3146-3152.	7.3	12
446	One-step synthesis of Mn <sub>3</sub> O <sub>4</sub> /reduced graphene oxide nanocomposites for oxygen reduction in nonaqueous Li-O <sub>2</sub> batteries. Chemical Communications, 2013, 49, 10838.	4.1	106
447	SMashQ: spatial mashup framework for k-NN queries in time-dependent road networks. Distributed and Parallel Databases, 2013, 31, 259-287.	1.6	24
448	Fishnet metamaterial with double negative refractive index in blue region of visible spectrum. Proceedings of SPIE, 2013, , .	0.8	1
449	Experimental investigation into transverse crashworthiness of CFRP adhesively bonded joints in vehicle structure. Composite Structures, 2013, 106, 581-589.	5.8	37
450	A modified particle swarm optimization algorithm for distributed search and collective cleanup. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
451	Coalitional Game for Community-Based Autonomous Web Services Cooperation. IEEE Transactions on Services Computing, 2013, 6, 387-399.	4.6	23
452	Crashworthiness optimization of foam-filled tapered thin-walled structure using multiple surrogate models. Structural and Multidisciplinary Optimization, 2013, 47, 221-231.	3.5	192
453	On design of multi-functional microstructural materials. Journal of Materials Science, 2013, 48, 51-66.	3.7	164
454	Multiscale design of surface morphological gradient for osseointegration. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 20, 387-397.	3.1	63
455	An effective triblock copolymer as a suppressor for microvia filling via copper electrodeposition. Electrochimica Acta, 2013, 109, 226-232.	5.2	26
456	Identification of material parameters for aluminum foam at high strain rate. Computational Materials Science, 2013, 74, 65-74.	3.0	27
457	Electrochemical synthesis of Ni <sup>S</sup> /CeO <sub>2</sub> composite electrodes for hydrogen evolution reaction. Journal of Power Sources, 2013, 230, 10-14.	7.8	41
458	High-Loading Cobalt Oxide Coupled with Nitrogen-Doped Graphene for Oxygen Reduction in Anion-Exchange-Membrane Alkaline Fuel Cells. Journal of Physical Chemistry C, 2013, 117, 8697-8707.	3.1	251
459	Document Summarization via Self-Present Sentence Relevance Model. Lecture Notes in Computer Science, 2013, , 309-323.	1.3	4
460	A Pd-free activation method for electroless nickel deposition on copper. Surface and Coatings Technology, 2013, 228, 27-33.	4.8	13
461	Crashworthiness optimization of corrugated sandwich panels. Materials & Design, 2013, 51, 1071-1084.	5.1	111
462	Multiobjective reliability-based optimization for design of a vehicledoor. Finite Elements in Analysis and Design, 2013, 67, 13-21.	3.2	103
463	Amino Acid-Assisted Synthesis of Hierarchical Silver Microspheres for Single Particle Surface-Enhanced Raman Spectroscopy. Journal of Physical Chemistry C, 2013, 117, 10007-10012.	3.1	55
464	Promotion of oxygen reduction by a bio-inspired tethered iron phthalocyanine carbon nanotube-based catalyst. Nature Communications, 2013, 4, 2076.	12.8	630
465	Structure-Dependent Electrocatalytic Properties of Cu <sub>2</sub> O Nanocrystals for Oxygen Reduction Reaction. Journal of Physical Chemistry C, 2013, 117, 13872-13878.	3.1	92
466	Self-supported Pt nanoclusters via galvanic replacement from Cu <sub>2</sub> O nanocubes as efficient electrocatalysts. Nanoscale, 2013, 5, 7397.	5.6	56
467	Lightweight design of carbon twill weave fabric composite body structure for electric vehicle. Composite Structures, 2013, 97, 231-238.	5.8	186
468	AuSn <sub>20</sub> Eutectic Electrodeposition through Alternative Complexing of Pyrophosphoric Acid: Insights from Electrochemical and DFT Methods. Journal of Physical Chemistry C, 2013, 117, 21228-21233.	3.1	5

#	ARTICLE	IF	CITATIONS
469	Optimizing two-level hierarchical particles for thin-film solar cells. Optics Express, 2013, 21, A285.	3.4	14
470	Introduction to the special section on intelligent tutoring and coaching systems. ACM Transactions on Intelligent Systems and Technology, 2013, 4, 1-2.	4.5	0
471	An architecture for cache consistency support in information centric networking. , 2013, , .		3
472	Triblock Copolymers as Suppressors for Microvia Filling via Copper Electroplating. Journal of the Electrochemical Society, 2013, 160, D188-D195.	2.9	26
473	Replacement Deposition of Ni-S Films on Cu and Their Catalytic Activity for Electroless Nickel Plating. Journal of the Electrochemical Society, 2013, 160, D95-D101.	2.9	9
474	NSFIB construction & aggregation with next hop of strict partial order. , 2013, , .		3
475	Lung image patch classification with automatic feature learning. , 2013, 2013, 6079-82.		11
476	Recipe popularity prediction based on the analysis of social reviews. , 2013, , .		4
477	Time-domain finite element models of electrochemistry in intracochlear electrodes. , 2013, 2013, 1554-7.		2
478	Influence of blood vessel conductivity in cochlear implant stimulation using a finite element head model. , 2013, 2013, 5291-4.		5
479	A multi-level text representation model within background knowledge based on human cognitive process. , 2013, , .		1
480	A study of shape optimization on the metallic nanoparticles for thin-film solar cells. Nanoscale Research Letters, 2013, 8, 447.	5.7	7
481	Finding Dominating Set from Verbal Contextual Graph for Personalized Search in Folksonomy. , 2013, , .		3
482	Building the Data Association Network of Sensors in the Internet of Things. Automatika, 2013, 54, 459-470.	2.0	3
483	Tooth Eruption Results from Bone Remodelling Driven by Bite Forces Sensed by Soft Tissue Dental Follicles: A Finite Element Analysis. PLoS ONE, 2013, 8, e58803.	2.5	57
484	Improving the Compression Efficiency for News Web Service Using Semantic Relations Among Webpages. International Journal of Cognitive Informatics and Natural Intelligence, 2013, 7, 49-64.	0.4	2
485	Event Relationship Analysis for Temporal Event Search. Lecture Notes in Computer Science, 2013, , 179-193.	1.3	6
486	On Efficient k-Skyband Query Processing over Incomplete Data. Lecture Notes in Computer Science, 2013, , 424-439.	1.3	13

#	ARTICLE	IF	CITATIONS
487	KNOWLE: Searching News in the Search Pattern of Knowledge Flow. Lecture Notes in Computer Science, 2013, , 527-530.	1.3	1
488	Distributed Cooking Recipe Recommendation and Adaptation. Journal of Software, 2013, 8, .	0.6	1
489	An Adaptive Particle Swarm Optimization Algorithm for Distributed Search and Collective Cleanup in Complex Environment. International Journal of Distributed Sensor Networks, 2013, 9, 560579.	2.2	1
490	Technical Noteâ€”On the Quasiconcavity of Lost-Sales Inventory Models with Fixed Costs. Operations Research, 2012, 60, 286-291.	1.9	12
491	Term Weighting Schemes for Emerging Event Detection. , 2012, , .		5
492	Incorporating vascular structure into electric volume conduction models of the cochlea. , 2012, , .		4
493	Context-Aware Personalized Search Based on User and Resource Profiles in Folksonomies. Lecture Notes in Computer Science, 2012, , 97-108.	1.3	9
494	CRP: context-based reputation propagation in services composition. Service Oriented Computing and Applications, 2012, 6, 231-248.	1.6	8
495	Guest Editorial: Web-based services and information systems. World Wide Web, 2012, 15, 483-484.	4.0	0
496	Minimum Protection Cost Tree: A tunnel-based IP Fast Reroute Scheme. Computer Communications, 2012, 35, 2082-2092.	5.1	5
497	Next hop of strict partial order for NSFIB construction & aggregation. , 2012, , .		1
498	Probabilistic Top-k Dominating Composite Service Selection. , 2012, , .		1
499	Automatic Facet Extraction Based on Multidimensional Semantic Index. , 2012, , .		1
500	Shapley Value Based Impression Propagation for Reputation Management in Web Service Composition. , 2012, , .		9
501	Finite element analysis suggests functional bone strain accounts for continuous post-eruptive emergence of teeth. Archives of Oral Biology, 2012, 57, 1070-1078.	1.8	15
502	A comparative mechanical and bone remodelling study of all-ceramic posterior inlay and onlay fixed partial dentures. Journal of Dentistry, 2012, 40, 48-56.	4.1	47
503	In vitro study of the effect of cyclic strains on the dermal fibroblast (GM3384) morphologyâ€”Mapping of cell responses to strain field. Medical Engineering and Physics, 2012, 34, 826-831.	1.7	12
504	Variable fidelity design based surrogate and artificial bee colony algorithm for sheet metal forming process. Finite Elements in Analysis and Design, 2012, 59, 76-90.	3.2	53

#	ARTICLE	IF	CITATIONS
505	Directed glia-assisted angiogenesis in a mature neurosensory structure: Pericytes mediate an adaptive response in human dental pulp that maintains blood-barrier function. <i>Journal of Comparative Neurology</i> , 2012, 520, 3803-3826.	1.6	21
506	Cuttlebone: Characterisation, application and development of biomimetic materials. <i>Journal of Bionic Engineering</i> , 2012, 9, 367-376.	5.0	65
507	Activated silica gel based carbon paste electrodes exhibit signal enhancement for quercetin. <i>Electrochimica Acta</i> , 2012, 81, 106-111.	5.2	37
508	MobiFeed. , 2012, , .		8
509	Design and fabrication of biphasic cellular materials with transport properties – A modified bidirectional evolutionary structural optimization procedure and MATLAB program. <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 8149-8162.	4.8	25
510	Community-Aware Resource Profiling for Personalized Search in Folksonomy. <i>Journal of Computer Science and Technology</i> , 2012, 27, 599-610.	1.5	46
511	Sensitivity analysis of bi-layered ceramic dental restorations. <i>Dental Materials</i> , 2012, 28, e6-e14.	3.5	28
512	Optimization of foam-filled bitubal structures for crashworthiness criteria. <i>Materials &amp; Design</i> , 2012, 38, 99-109.	5.1	162
513	Electrochemical sensor for toxic ractopamine and clenbuterol based on the enhancement effect of graphene oxide. <i>Sensors and Actuators B: Chemical</i> , 2012, 168, 178-184.	7.8	109
514	Discovering K Web User Groups with Specific Aspect Interests. <i>Lecture Notes in Computer Science</i> , 2012, , 321-335.	1.3	4
515	All-Visible-k-Nearest-Neighbor Queries. <i>Lecture Notes in Computer Science</i> , 2012, , 392-407.	1.3	6
516	Leveraging Network Structure for Incremental Document Clustering. <i>Lecture Notes in Computer Science</i> , 2012, , 342-353.	1.3	0
517	Improving Recommendation Based on Features™ Co-occurrence Effects in Collaborative Tagging Systems. <i>Lecture Notes in Computer Science</i> , 2012, , 652-659.	1.3	4
518	A Dominance-Based Approach for Selection in Service Composition. , 2011, , .		1
519	On the scalability of router forwarding tables: Nexthop-Selectable FIB aggregation. , 2011, , .		27
520	Inventory-Based Resource Management in Cloud Computing. , 2011, , .		0
521	Reputation Distribution Based on Structure-Related Importance in Services Composition. , 2011, , .		1
522	Radial basis functional model for multi-objective sheet metal forming optimization. <i>Engineering Optimization</i> , 2011, 43, 1351-1366.	2.6	78

#	ARTICLE	IF	CITATIONS
523	Exploring Folksonomy and Cooking Procedures to Boost Cooking Recipe Recommendation. Lecture Notes in Computer Science, 2011, , 119-130.	1.3	10
524	Electrochemistry at micro- and nanoscopic liquid/liquid interfaces. Chemical Society Reviews, 2011, 40, 2236.	38.1	167
525	Service Composition and Interaction in a SOC Middleware Supporting Separation of Concerns with Flows and Views. Journal of Database Management, 2011, 22, 32-63.	1.5	3
526	Benefit based cache data placement and update for mobile peer to peer networks. World Wide Web, 2011, 14, 243-259.	4.0	8
527	Continuous visible nearest neighbor query processing in spatial databases. VLDB Journal, 2011, 20, 371-396.	4.1	33
528	Multi-fidelity optimization for sheet metal forming process. Structural and Multidisciplinary Optimization, 2011, 44, 111-124.	3.5	56
529	Crashworthiness design of vehicle by using multiobjective robust optimization. Structural and Multidisciplinary Optimization, 2011, 44, 99-110.	3.5	187
530	Finite element based bone remodeling and resonance frequency analysis for osseointegration assessment of dental implants. Finite Elements in Analysis and Design, 2011, 47, 898-905.	3.2	24
531	Topology optimization for negative permeability metamaterials using level-set algorithm. Acta Materialia, 2011, 59, 2624-2636.	7.9	73
532	Virtual resource monitoring in cloud computing. Journal of Shanghai University, 2011, 15, 381-385.	0.1	13
533	Mathematical modeling of degradation for bulk-erosive polymers: Applications in tissue engineering scaffolds and drug delivery systems. Acta Biomaterialia, 2011, 7, 1140-1149.	8.3	133
534	Microstructure design of biodegradable scaffold and its effect on tissue regeneration. Biomaterials, 2011, 32, 5003-5014.	11.4	134
535	On twist springback in advanced high-strength steels. Materials & Design, 2011, 32, 3272-3279.	5.1	45
536	Investigation of transfer behavior of protonated pyridine at the liquid/liquid interface using dual micropipettes. Journal of Electroanalytical Chemistry, 2011, 656, 125-129.	3.8	5
537	Multiobjective optimization for tapered circular tubes. Thin-Walled Structures, 2011, 49, 855-863.	5.3	113
538	A framework for evaluating network measures for functional importance. , 2011, , .		0
539	Interactive tutoring of cooking activities with personalized multimedia recipe search. , 2011, , .		1
540	Anode Catalysts for the Direct Dimethyl Ether Fuel Cell. ECS Transactions, 2011, 41, 1969-1977.	0.5	7

#	ARTICLE	IF	CITATIONS
541	Computer-Aided Design and Fabrication of Bio-Mimetic Materials and Scaffold Micro-Structures. <i>Advanced Materials Research</i> , 2011, 213, 628-632.	0.3	11
542	Continuous nearest-neighbor search in the presence of obstacles. <i>ACM Transactions on Database Systems</i> , 2011, 36, 1-43.	2.8	19
543	Design Optimization of Scaffold Microstructures Using Wall Shear Stress Criterion Towards Regulated Flow-Induced Erosion. <i>Journal of Biomechanical Engineering</i> , 2011, 133, 081008.	1.3	20
544	Subject Specific Modelling of Electrical Conduction in the Body: A Case Study. <i>Journal of Biomimetics, Biomaterials, and Tissue Engineering</i> , 2011, 10, 43-53.	0.7	3
545	Efficient Evaluation of k-NN Queries Using Spatial Mashups. <i>Lecture Notes in Computer Science</i> , 2011, , 348-366.	1.3	11
546	Finding Relevant Papers Based on Citation Relations. <i>Lecture Notes in Computer Science</i> , 2011, , 403-414.	1.3	45
547	Identification of Material Parameters for High Strength Steel Under Impact Loading. <i>Advanced Science Letters</i> , 2011, 4, 708-714.	0.2	14
548	Actor Petri net Model: toward Suitable and Flexible Level Representation of Scientific Workflows. <i>Lecture Notes in Electrical Engineering</i> , 2011, , 79-84.	0.4	0
549	Finite Element Modeling of Current Flow from Cochlear Implant Stimulation. , 2011, , .		2
550	OXML: an Object XML Database Supporting Rich Media Indexing and Retrieval. <i>Journal of Multimedia</i> , 2011, 6, .	0.3	6
551	Bone remodeling induced by dental implants of functionally graded materials. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 92B, 430-438.	3.4	34
552	Computational biomechanics of bone's responses to dental prostheses "osseointegration, remodeling and resorption. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 10, 012122.	0.6	3
553	Towards Fair Reputation Propagation from a Composite Service to Its Component Services. , 2010, , .		2
554	Building Web Knowledge Flows based on Interactive Computing with Semantics. <i>New Generation Computing</i> , 2010, 28, 113-120.	3.3	20
555	Generating ontologies with basic level concepts from folksonomies. <i>Procedia Computer Science</i> , 2010, 1, 573-581.	2.0	12
556	Crashworthiness design for functionally graded foam-filled thin-walled structures. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010, 527, 1911-1919.	5.6	262
557	Characterization of cuttlebone for a biomimetic design of cellular structures. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2010, 26, 27-35.	3.4	31
558	Automated management of assets based on RFID triggered alarm messages. <i>Information Systems Frontiers</i> , 2010, 12, 563-578.	6.4	17



#	ARTICLE	IF	CITATIONS
559	Engineering Issues for the Web 2.0. World Wide Web, 2010, 13, 211-213.	4.0	0
560	Algorithms for constrained k-nearest neighbor queries over moving object trajectories. Geoinformatica, 2010, 14, 241-276.	2.7	17
561	FACTS: A Framework for Fault-Tolerant Composition of Transactional Web Services. IEEE Transactions on Services Computing, 2010, 3, 46-59.	4.6	118
562	Design of 3-D Periodic Metamaterials for Electromagnetic Properties. IEEE Transactions on Microwave Theory and Techniques, 2010, 58, 910-916.	4.6	14
563	Design of cellular porous biomaterials for wall shear stress criterion. Biotechnology and Bioengineering, 2010, 107, 737-746.	3.3	16
564	Mandibular bone remodeling induced by dental implant. Journal of Biomechanics, 2010, 43, 287-293.	2.1	121
565	Prediction of mandibular bone remodelling induced by fixed partial dentures. Journal of Biomechanics, 2010, 43, 1771-1779.	2.1	63
566	On stiffness of scaffolds for bone tissue engineering—a numerical study. Journal of Biomechanics, 2010, 43, 1738-1744.	2.1	89
567	Level-set based topology optimization for electromagnetic dipole antenna design. Journal of Computational Physics, 2010, 229, 6915-6930.	3.8	91
568	Multiobjective topology optimization for finite periodic structures. Computers and Structures, 2010, 88, 806-811.	4.4	93
569	Efficient mutual nearest neighbor query processing for moving object trajectories. Information Sciences, 2010, 180, 2176-2195.	6.9	25
570	Sensitivity analysis for electromagnetic topology optimization problems. IOP Conference Series: Materials Science and Engineering, 2010, 10, 012199.	0.6	2
571	Computational design analysis for deployment of cardiovascular stents. IOP Conference Series: Materials Science and Engineering, 2010, 10, 012123.	0.6	1
572	Mathematical Modeling of Polymer Biodegradation and Erosion. Materials Science Forum, 2010, 654-656, 2071-2074.	0.3	1
573	Residual Stresses in Fabrication of Core-Veneered Ceramic Prostheses. Advanced Materials Research, 2010, 97-101, 2241-2244.	0.3	17
574	Assessing the Effects of Natural Variations in Microstructure for the Biomimetic Modeling of Cuttlebone. Advanced Materials Research, 2010, 123-125, 295-298.	0.3	3
575	Creating Biomaterials Inspired by the Microstructure of Cuttlebone. Materials Science Forum, 2010, 654-656, 2229-2232.	0.3	6
576	Semantic Grounding of Hybridization for Tag Recommendation. Lecture Notes in Computer Science, 2010, , 139-150.	1.3	4

#	ARTICLE	IF	CITATIONS
577	Effects of Material on the Deployment of Coronary Stents. <i>Advanced Materials Research</i> , 2010, 123-125, 315-318.	0.3	3
578	A Hybrid Semantic Item Model for Recipe Search by Example. , 2010, , .		25
579	Actor Petri net model for scientific workflows. , 2010, , .		0
580	TyCo: Towards Typicality-based Collaborative Filtering Recommendation. , 2010, , .		4
581	IP Fast Reroute: NotVia with Early Decapsulation. , 2010, , .		3
582	Personalized Resource Search by Tag-Based User Profile and Resource Profile. <i>Lecture Notes in Computer Science</i> , 2010, , 510-523.	1.3	10
583	Community-based recipe recommendation and adaptation in peer-to-peer networks. , 2010, , .		6
584	Recommendation based on object typicality. , 2010, , .		5
585	Biomechanical Response in Mandibular Bone due to Mastication Loading on 3-Unit Fixed Partial Dentures. <i>Journal of Dental Biomechanics</i> , 2010, 1, 902537.	1.2	13
586	Personalized search by tag-based user profile and resource profile in collaborative tagging systems. , 2010, , .		59
587	A level-set procedure for the design of electromagnetic metamaterials. <i>Optics Express</i> , 2010, 18, 6693.	3.4	67
588	A two-stage multi-fidelity optimization procedure for honeycomb-type cellular materials. <i>Computational Materials Science</i> , 2010, 49, 500-511.	3.0	131
589	Surface morphology optimization for osseointegration of coated implants. <i>Biomaterials</i> , 2010, 31, 7196-7204.	11.4	94
590	Multiobjective robust optimization method for drawbead design in sheet metal forming. <i>Materials &amp; Design</i> , 2010, 31, 1917-1929.	5.1	116
591	Constraints Partition Based Service Process Replacement with End-to-End QoS Constraints. , 2010, , .		0
592	Benefit based cache data placement and update for mobile peer to peer networks. , 2010, , .		2
593	Reputation-Driven Recommendation of Services with Uncertain QoS. , 2010, , .		3
594	Context-Aware Basic Level Concepts Detection in Folksonomies. <i>Lecture Notes in Computer Science</i> , 2010, , 632-643.	1.3	2

#	ARTICLE	IF	CITATIONS
595	Monitoring natural frequency for osseointegration and bone remodeling induced by dental implants. , 2009, , .		2
596	Exploiting peer relations for distributed multimedia information retrieval. , 2009, , .		2
597	Rich media indexing and retrieval in an Object XML database system. , 2009, , .		0
598	Three-dimensional finite element modeling of Cochlear implant induced electrical current flows. , 2009, , .		1
599	Visible Reverse k-Nearest Neighbor Queries. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	22
600	Guest Editors' Introduction: Knowledge and Data Engineering for E-Learning. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 756-758.	5.7	9
601	Optimal-Location-Selection Query Processing in Spatial Databases. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1162-1177.	5.7	14
602	A modeling method based on CCS for workflow. , 2009, , .		5
603	ACM 2009 workshop on ambient media computing (AMC'09) overview. , 2009, , .		0
604	What's behind topic formation and development. , 2009, , .		1
605	Web services provision. , 2009, , .		16
606	Visible Reverse k-Nearest Neighbor Query Processing in Spatial Databases. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1314-1327.	5.7	40
607	Multiscale Bone Remodeling Prediction for Fully Porous-Coated (FPC) Dental Implant Supported Prosthesis. Advanced Materials Research, 2009, 79-82, 2167-2170.	0.3	1
608	A framework for the massive knowledge Web. Concurrency Computation Practice and Experience, 2009, 21, 705-723.	2.2	2
609	A new semantic model with applications in a multimedia database system. Concurrency Computation Practice and Experience, 2009, 21, 691-704.	2.2	2
610	Generation of similarity knowledge flow for intelligent browsing based on semantic link networks. Concurrency Computation Practice and Experience, 2009, 21, 2018-2032.	2.2	22
611	Fast Ionâ€”Transfer Processes at Nanoscopic Liquid/Liquid Interfaces. Angewandte Chemie - International Edition, 2009, 48, 8010-8013.	13.8	91
612	Crashworthiness design for foam filled thin-wall structures. Materials & Design, 2009, 30, 2024-2032.	5.1	186

#	ARTICLE	IF	CITATIONS
613	Challenges and opportunities in collaborative business process management: Overview of recent advances and introduction to the special issue. <i>Information Systems Frontiers</i> , 2009, 11, 201-209.	6.4	68
614	Algorithm for Extracting Loosely Structured Data Records Through Digging Strict Patterns. <i>World Wide Web</i> , 2009, 12, 263-284.	4.0	1
615	Constraints-Aware Scheduling for Transactional Services Composition. <i>Journal of Computer Science and Technology</i> , 2009, 24, 638-651.	1.5	9
616	Dental implant induced bone remodeling and associated algorithms. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2009, 2, 410-432.	3.1	142
617	Design optimization of functionally graded dental implant for bone remodeling. <i>Composites Part B: Engineering</i> , 2009, 40, 668-675.	12.0	116
618	On efficient mutual nearest neighbor query processing in spatial databases. <i>Data and Knowledge Engineering</i> , 2009, 68, 705-727.	3.4	15
619	Mechanical responses to orthodontic loading: A 3-dimensional finite element multi-tooth model. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2009, 135, 174-181.	1.7	125
620	Cyberinfrastructure on Tumor Gene Expression Data Processing. , 2009, , .		0
621	An Approach to Validating Transactional Properties of WS-BPEL Composition. , 2009, , .		1
622	Hybrid semantic retrieval = User-community Profiling + Domain Knowledge + Content-based retrieval. , 2009, , .		1
623	A Visual Modeling Framework of Workflow Systems Based on CCS. , 2009, , .		2
624	Developing Reliable Web Services Using Independent Replicas. , 2009, , .		5
625	Characterization and design of 3D scaffolds for biofluidic criteria. , 2009, , .		0
626	Guest Editors' Introduction: Emerging Internet Technologies for E-Learning. <i>IEEE Internet Computing</i> , 2009, 13, 11-17.	3.3	29
627	Optimal Policies for Inventory Systems with Separate Delivery-Request and Order-Quantity Decisions. <i>Operations Research</i> , 2009, 57, 626-636.	1.9	12
628	A Unified Indexing Structure for Efficient Cross-Media Retrieval. <i>Lecture Notes in Computer Science</i> , 2009, , 677-692.	1.3	4
629	Personal media data organization and retrieval in e-learning. , 2009, , .		1
630	An Adaptive Caching Strategy for m-Learning Based on SCORM Sequencing and Navigation. <i>World Wide Web</i> , 2008, 11, 387-406.	4.0	6

#	ARTICLE	IF	CITATIONS
631	Design of graded two-phase microstructures for tailored elasticity gradients. <i>Journal of Materials Science</i> , 2008, 43, 5157-5167.	3.7	127
632	Multiobjective optimization for crash safety design of vehicles using stepwise regression model. <i>Structural and Multidisciplinary Optimization</i> , 2008, 35, 561-569.	3.5	262
633	A fixed- $\epsilon$ grid bidirectional evolutionary structural optimization method and its applications in tunnelling engineering. <i>International Journal for Numerical Methods in Engineering</i> , 2008, 73, 1788-1810.	2.8	19
634	Semantic knowledge facilities for a web-based recipe database system supporting personalization. <i>Concurrency Computation Practice and Experience</i> , 2008, 20, 753-782.	2.2	1
635	A variational level set method for the topology optimization of steady-state Navier-Stokes flow. <i>Journal of Computational Physics</i> , 2008, 227, 10178-10195.	3.8	167
636	Efficient strategies for tough aggregate constraint-based sequential pattern mining. <i>Information Sciences</i> , 2008, 178, 1498-1518.	6.9	41
637	Multiobjective optimization of multi-cell sections for the crashworthiness design. <i>International Journal of Impact Engineering</i> , 2008, 35, 1355-1367.	5.0	211
638	Influence of tooth removal on mandibular bone response to mastication. <i>Archives of Oral Biology</i> , 2008, 53, 1129-1137.	1.8	27
639	Microstructural design of connective base cells for functionally graded materials. <i>Materials Letters</i> , 2008, 62, 4022-4024.	2.6	31
640	Electrochemical DNAzyme Sensor for Lead Based on Amplification of DNA-Au Bio-Bar Codes. <i>Analytical Chemistry</i> , 2008, 80, 6323-6328.	6.5	263
641	Investigation of the interactions between silver nanoparticles and Hela cells by scanning electrochemical microscopy. <i>Analyst</i> , The, 2008, 133, 1221.	3.5	34
642	A two-stage multi-objective optimisation of vehicle crashworthiness under frontal impact. <i>International Journal of Crashworthiness</i> , 2008, 13, 279-288.	1.9	110
643	Reactive capacity and inventory competition under demand substitution. <i>IIE Transactions</i> , 2008, 40, 707-717.	2.1	33
644	Computational design of multi-phase microstructural materials for extremal conductivity. <i>Computational Materials Science</i> , 2008, 43, 549-564.	3.0	54
645	Injecting formalized delegation constraints into secure workflow systems. , 2008, , .		0
646	Embracing Scientific Workflow Knowledge into IDE. , 2008, , .		0
647	SPF-A*: Searching of multimedia data in heterogeneous P2P Networks. , 2008, , .		0
648	QoS-Aware Scheduling of Web Services. , 2008, , .		8

#	ARTICLE	IF	CITATIONS
649	Multi-query Optimization for Distributed Similarity Query Processing. , 2008, , .		8
650	Accommodating substructure similarity-based search in a recipe database system. , 2008, , .		0
651	Processing Mutual Nearest Neighbor Queries for Moving Object Trajectories. , 2008, , .		8
652	Developing Reliable Mediators for Web Service Interactions. , 2008, , .		0
653	Exploiting Semantics for Analyzing and Verifying Business Rules in Web Services Composition and Contracting. , 2008, , .		0
654	Modeling and Reasoning about Semantic Web Services Contract Using Description Logic. , 2008, , .		2
655	Service Sharing for Streaming Video Multicast. IEEE Transactions on Multimedia, 2008, 10, 1393-1405.	7.2	3
656	An Acknowledgement-Based Approach to Synthesizing Reliable Service Mediators. , 2008, , .		1
657	Geography-Aware Fume Diffusion Spotting in Sensor Networks. , 2008, , .		0
658	Adaptive Caching Scheme for Heterogeneous Mobile Devices and Wireless Networks: a Service Oriented Perspective. , 2008, , .		0
659	Computational Design of Microstructural Composites with Tailored Thermal Conductivity. Numerical Heat Transfer; Part A: Applications, 2008, 54, 686-708.	2.1	25
660	Anion Transfer at a Micro-Water/1,2-Dichloroethane Interface Facilitated by $\beta$ -2-Octafluoro-meso-octamethylcalix[4]pyrrole. Journal of the American Chemical Society, 2008, 130, 14364-14365.	13.7	32
661	A microstructure diagram for known bounds in conductivity. Journal of Materials Research, 2008, 23, 798-811.	2.6	18
662	Extracting Loosely Structured Data Records Through Mining Strict Patterns. , 2008, , .		5
663	Periodic-review inventory systems with random yield and demand: Bounds and heuristics. IIE Transactions, 2008, 40, 434-444.	2.1	24
664	Adaptive community-based multimedia data retrieval in a distributed environment. , 2008, , .		3
665	International workshop on question answering on the web (QAWeb2008). , 2008, , .		0
666	Substructure similarity measurement in chinese recipes. , 2008, , .		52

#	ARTICLE	IF	CITATIONS
667	Title extraction from Loosely Structured Data Records. , 2008, , .		2
668	Efficient fume diffusion spotting in heterogeneous sensor networks. , 2008, , .		3
669	Canonicalization of graph database records using similarity measures. , 2008, , .		0
670	A logical framework for modeling and reasoning about semantic web services contract. , 2008, , .		4
671	Technology supports for distributed and collaborative learning over the internet. ACM Transactions on Internet Technology, 2008, 8, 1-24.	4.4	54
672	Indexing high-dimensional data in dual distance spaces. , 2008, , .		10
673	Adaptive caching with heterogeneous devices in mobile peer to peer network. , 2008, , .		11
674	Building Profit-Aware Service-Oriented Business Applications. , 2008, , .		6
675	Transition System Semantics of DFL as a Scientific Workflow Language. , 2008, , .		1
676	Optimal-Nearest-Neighbor Queries. , 2008, , .		0
677	Spatial correction of echo planar imaging deformation for subject specific diffusion tensor MRI analysis. , 2008, , .		0
678	Constrained k-Nearest Neighbor Query Processing over Moving Object Trajectories. , 2008, , 635-643.		3
679	Introduction to the First Workshop on Collaborative Business Processes (CBP 2007). Lecture Notes in Computer Science, 2008, , 181-184.	1.3	0
680	An Association Model of Sensor Properties for Event Diffusion Spotting Sensor Networks. , 2008, , 178-189.		0
681	The relation of constant mean curvature surfaces to multiphase composites with extremal thermal conductivity. Journal Physics D: Applied Physics, 2007, 40, 6083-6093.	2.8	32
682	OS_RANK: Structure Analysis for Ontology Ranking. , 2007, , .		4
683	A Declarative Approach to Enhancing the Reliability of BPEL Processes. , 2007, , .		37
684	Interactive high-dimensional index for large Chinese calligraphic character databases. ACM Transactions on Asian Language Information Processing, 2007, 6, 8.	0.8	14

#	ARTICLE	IF	CITATIONS
685	IS_SDM. , 2007, , .		3
686	A Semantic Specification Framework for Analyzing Functional Composability of Autonomous Web Services. , 2007, , .		6
687	Risk, risk aversion and the optimal time to produce. IIE Transactions, 2007, 39, 145-158.	2.1	19
688	Next-Generation Enterprise Computing: Beyond EDOC 2006. IT Professional, 2007, 9, 54-55.	1.5	3
689	Enhancing Web Services Conversation with Exception Contexts for Handling Exceptions of Composite Services. , 2007, , .		1
690	Speeding Up Similarity Queries over Large Chinese Calligraphic Character Databases Using Data Grid. , 2007, , .		1
691	Devising a Semantic Model for Multimedia Databases: Rationale, Facilities, and Applications. , 2007, , .		0
692	Topological design of structures and composite materials with multiobjectives. International Journal of Solids and Structures, 2007, 44, 7092-7109.	2.7	141
693	An Experimental Study of a Personalized Learning Environment Through Open-Source Software Tools. IEEE Transactions on Education, 2007, 50, 331-337.	2.4	28
694	Content-based retrieval of Flash movies: research issues, generic framework, and future directions. Multimedia Tools and Applications, 2007, 34, 1-23.	3.9	24
695	ISF special issue on enterprise services computing: Evolution and challenges. Information Systems Frontiers, 2007, 9, 135-136.	6.4	1
696	Design optimization of regular hexagonal thin-walled columns with crashworthiness criteria. Finite Elements in Analysis and Design, 2007, 43, 555-565.	3.2	239
697	Future Directions of Multimedia Technologies in E-Learning. Advances in Distance Education Technologies, 2007, , 273-283.	0.0	0
698	Secure and Efficient Information Sharing in Multi-university E-Learning Environments. , 2007, , 542-553.		10
699	Dish_Master: an Intelligent and Adaptive Manager for a Web-based Recipe Database System. , 2006, , .		0
700	Fast H.264/AVC Inter-Mode Decision with RDC Optimization. , 2006, , .		0
701	A Requester-based Mediation Framework for Dynamic Invocation of Web Services. , 2006, , .		8
702	User Pattern Analysis in Cellular Systems. , 2006, , .		1



#	ARTICLE	IF	CITATIONS
703	Quantifying Contexts for User-Centered Web Service Discovery. 2006 10th IEEE International Enterprise Distributed Object Computing Conference (EDOC'06), 2006, , .	0.0	2
704	A strength-based multiple cutout optimization in composite plates using fixed grid finite element method. Composite Structures, 2006, 73, 403-412.	5.8	29
705	VideoAcM: a transitive and temporal access control mechanism for collaborative video database production applications. Multimedia Tools and Applications, 2006, 29, 29-53.	3.9	0
706	Towards interactive indexing for large Chinese calligraphic character databases. , 2006, , .		2
707	Flows and views for scalable scientific process integration. , 2006, , .		11
708	Joint Inventory Replenishment and Pricing Control for Systems with Uncertain Yield and Demand. Operations Research, 2006, 54, 696-705.	1.9	187
709	Joint Rate-Distortion-Complexity Optimization for H.264 Motion Search. , 2006, , .		14
710	A Light-Weighted Approach to Workflow View Implementation. Lecture Notes in Computer Science, 2006, , 1059-1070.	1.3	5
711	Energy-efficient H.264 video decoding on VLIW embedded processors. , 2005, 5683, 9.		0
712	H.264/AVC deblocking filter correlation analysis in embedded systems. , 2005, , .		0
713	Efficient flash retrieval using structural join index hierarchy in an object XML framework. , 2005, , .		0
714	From intra-transaction to generalized inter-transaction: Landscaping multidimensional contexts in association rule mining. Information Sciences, 2005, 172, 361-395.	6.9	18
715	An evolutionary shape optimization for elastic contact problems subject to multiple load cases. Computer Methods in Applied Mechanics and Engineering, 2005, 194, 3394-3415.	6.6	36
716	A multiwall carbon nanotubes film-modified carbon fiber ultramicroelectrode for the determination of nitric oxide radical in liver mitochondria. Bioelectrochemistry, 2005, 65, 135-142.	4.6	74
717	Towards automated 3D finite element modeling of direct fiber reinforced composite dental bridge. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2005, 74B, 520-528.	3.4	58
718	Searching for Flash Movies on the Web: A Content and Context Based Framework. World Wide Web, 2005, 8, 495-517.	4.0	13
719	Automatically Generating an E-textbook on the Web. World Wide Web, 2005, 8, 377-394.	4.0	15
720	Using object deputy model to prepare data for data warehousing. IEEE Transactions on Knowledge and Data Engineering, 2005, 17, 1274-1288.	5.7	9

#	ARTICLE	IF	CITATIONS
721	On the effect of demand randomness on a price/quantity setting firm. IIE Transactions, 2005, 37, 1143-1153.	2.1	25
722	Media-Based Presentation with Personalization in a Web-Based eLearning System. Lecture Notes in Computer Science, 2005, , 160-171.	1.3	1
723	A contact finite element algorithm for the multileaf spring of vehicle suspension systems. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2004, 218, 305-314.	1.9	14
724	Towards Data-Adaptive and User-Adaptive Image Retrieval by Peer Indexing. International Journal of Computer Vision, 2004, 56, 47-63.	15.6	11
725	Evolutionary topology optimization for temperature reduction of heat conducting fields. International Journal of Heat and Mass Transfer, 2004, 47, 5071-5083.	4.8	149
726	<title>Power consumption analysis for video coding algorithms in embedded multimedia systems</title>. , 2004, , .		0
727	Efficient implementation of elliptic curve cryptography (ECC) on embedded media processors. , 2004, 5308, 132.		1
728	Enhanced Reduction and Determination of Trace Thyroxine at Carbon Paste Electrode in the Presence of Trace Cetyltrimethylammonium Bromide. Analytical Sciences, 2004, 20, 1049-1054.	1.6	33
729	Efficient Query Execution Techniques in a 4DIS Video Database System for eLearning. Multimedia Tools and Applications, 2003, 20, 25-49.	3.9	7
730	Cost-driven vertical class partitioning for methods in object oriented databases. VLDB Journal, 2003, 12, 187-210.	4.1	16
731	Introduction to multimedia and mobile agents. Information Sciences, 2003, 154, 1-3.	6.9	0
732	A continuum sensitivity method for the design of multi-stage metal forming processes. International Journal of Mechanical Sciences, 2003, 45, 325-358.	6.7	39
733	An evolutionary approach to elastic contact optimization of frame structures. Finite Elements in Analysis and Design, 2003, 40, 61-81.	3.2	22
734	Universal Data Warehousing Based on a Meta-Data Modeling Approach. International Journal of Cooperative Information Systems, 2003, 12, 325-363.	0.8	9
735	Efficient database facilities for content-based Flash retrieval. , 2003, , .		1
736	The design of multiplayer online video game systems. , 2003, , .		9
737	Estimating Gaussian curvatures from 3D meshes. , 2003, , .		8
738	Fast intra-prediction model selection for H.264 codec. , 2003, 5241, 99.		20

#	ARTICLE	IF	CITATIONS
739	Memory bank conflict reduction for embedded multimedia applications. , 2003, 5241, 123.		0
740	SIMD-aware loop unrolling for embedded code optimization. , 2003, , .		1
741	A multi-paradigm querying approach for a generic multimedia database management system. SIGMOD Record, 2003, 32, 26-34.	1.2	12
742	Event-driven approach of layered multicast to network adaptation in RED-based IP networks. , 2003, , .		0
743	Discrete sensitivity-based evolutionary design optimization. , 2003, , 2373-2377.		0
744	OCTOPUS. , 2002, , .		21
745	<title>Enhanced RLME protocol for Layered Video Multicast in Diffserv Networks</title>. , 2002, , .		1
746	An evaluation of vertical class partitioning for query processing in object-oriented databases. IEEE Transactions on Knowledge and Data Engineering, 2002, 14, 1095-1118.	5.7	13
747	Accommodating hybrid retrieval in a comprehensive video database management system. IEEE Transactions on Multimedia, 2002, 4, 146-159.	7.2	15
748	Workflow View Based E-Contracts in a Cross-Organizational E-Services Environment. Distributed and Parallel Databases, 2002, 12, 193-216.	1.6	79
749	A hybrid approach to video retrieval in a generic video management and application processing framework. , 2001, , .		8
750	Web interface-driven cooperative exception handling in ADOME workflow management system. Information Systems, 2001, 26, 93-120.	3.6	112
751	Evolutionary thickness design with stiffness maximization and stress minimization criteria. International Journal for Numerical Methods in Engineering, 2001, 52, 979-995.	2.8	13
752	Stress based optimization of torsional shafts using an evolutionary procedure. International Journal of Solids and Structures, 2001, 38, 5661-5677.	2.7	13
753	Structural topology design with multiple thermal criteria. Engineering Computations, 2000, 17, 715-734.	1.4	50
754	Evolutionary structural optimization for stress minimization problems by discrete thickness design. Computers and Structures, 2000, 78, 769-780.	4.4	37
755	A Framework for Class Partitioning in Object-Oriented Databases. Distributed and Parallel Databases, 2000, 8, 333-366.	1.6	26
756	Displacement minimization of thermoelastic structures by evolutionary thickness design. Computer Methods in Applied Mechanics and Engineering, 1999, 179, 361-378.	6.6	80

#	ARTICLE	IF	CITATIONS
757	Evolutionary shape optimization for stress minimization. Mechanics Research Communications, 1999, 26, 657-664.	1.8	21
758	A meta modeling approach to workflow management systems supporting exception handling. Information Systems, 1999, 24, 159-184.	3.6	121
759	Shape and topology design for heat conduction by Evolutionary Structural Optimization. International Journal of Heat and Mass Transfer, 1999, 42, 3361-3371.	4.8	175
760	A hybrid approach to convert relational schema to object-oriented schema. Information Sciences, 1999, 117, 201-241.	6.9	4
761	Multifaceted object modeling with roles: A comprehensive approach. Information Sciences, 1999, 117, 243-266.	6.9	4
762	VIMS: A Video Information Management System. Multimedia Tools and Applications, 1997, 4, 7-28.	3.9	13
763	<title>Experimental video database management system based on advanced object-oriented techniques</title>. , 1996, 2670, 158.		12
764	A dynamic data model for a video database management system. ACM Computing Surveys, 1995, 27, 602-606.	23.0	7
765	Conceptual database evolution through learning in object databases. IEEE Transactions on Knowledge and Data Engineering, 1994, 6, 205-224.	5.7	12
766	A framework for object migration in object-oriented databases. Data and Knowledge Engineering, 1994, 13, 221-242.	3.4	19
767	Object data model = object-oriented + semantic models. Computer Standards and Interfaces, 1991, 13, 99-103.	5.4	2
768	Method-induced partitioning schemes for object-oriented databases. , 0, , .		16
769	Image retrieval and relevance feedback using peer indexing. , 0, , .		5
770	Layered video multicast with ECN over Differentiated Service networks. , 0, , .		5
771	Access Control Mechanism for Collaborative Video Database Production Applications. , 0, , .		3
772	A Cooperative Image Editing Tool over Mobile Phones. , 0, , .		2
773	Multi-Modal Information Retrieval with a Semantic View Mechanism. , 0, , .		2
774	Sketch-based retrieval on Flash movies via primary scene. , 0, , .		0

#	ARTICLE	IF	CITATIONS
775	Co-Clustering of Time-Evolving News Story with Transcript and Keyframe. , 0, , .		2
776	Venn Sampling: A Novel Prediction Technique for Moving Objects. , 0, , .		7
777	Run-Time Power Consumption Modeling for Embedded Multimedia Systems. , 0, , .		6
778	A New NURBS Tool Path Generation Algorithm for Precise Sculptured Surface Machining. Advanced Materials Research, 0, 97-101, 2477-2480.	0.3	0
779	Computational Fracture Modelling in Bioceramic Structures. Advanced Materials Research, 0, 268-270, 853-856.	0.3	5
780	A Design Procedure for Electric Inductive Capacitive Resonators with Negative Permittivity. Applied Mechanics and Materials, 0, 448-453, 2199-2202.	0.2	0
781	Validate Mandible Finite Element Model under Removable Partial Denture (RPD) with &lt;i>In Vivo&lt;/i> Pressure Measurement. Applied Mechanics and Materials, 0, 553, 322-326.	0.2	4
782	Magnetic Resonance Imaging (MRI) Based Finite Element Modeling for Analyzing the Influence of Material Properties on Menisci Responses. Applied Mechanics and Materials, 0, 553, 305-309.	0.2	6
783	Numerical Simulation of Biomechanical Behaviours in Novel Dental Restorations. Applied Mechanics and Materials, 0, 553, 327-331.	0.2	1
784	Business Models for Insurance of Business Web Services. , 0, , 261-272.		1
785	Refining the Results of Automatic e-Textbook Construction by Clustering. , 0, , 87-95.		0