

# Qing Li

## List of Publications by Citations

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416  
papers

15,449  
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71  
h-index

103  
g-index

429  
ext. papers

18,657  
ext. citations

4.4  
avg, IF

7.26  
L-index

#	Paper	IF	Citations
416	Biofabrication: reappraising the definition of an evolving field. <i>Biofabrication</i> , <b>2016</b> , 8, 013001	10.5	387
415	Biofabrication: A Guide to Technology and Terminology. <i>Trends in Biotechnology</i> , <b>2018</b> , 36, 384-402	15.1	309
414	On design optimization for structural crashworthiness and its state of the art. <i>Structural and Multidisciplinary Optimization</i> , <b>2017</b> , 55, 1091-1119	3.6	219
413	Crashworthiness design for functionally graded foam-filled thin-walled structures. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2010</b> , 527, 1911-1919	5.3	218
412	Multiobjective optimization for crash safety design of vehicles using stepwise regression model. <i>Structural and Multidisciplinary Optimization</i> , <b>2008</b> , 35, 561-569	3.6	212
411	Crashing analysis and multiobjective optimization for thin-walled structures with functionally graded thickness. <i>International Journal of Impact Engineering</i> , <b>2014</b> , 64, 62-74	4	206
410	Design optimization of regular hexagonal thin-walled columns with crashworthiness criteria. <i>Finite Elements in Analysis and Design</i> , <b>2007</b> , 43, 555-565	2.2	202
409	Multiobjective optimization of multi-cell sections for the crashworthiness design. <i>International Journal of Impact Engineering</i> , <b>2008</b> , 35, 1355-1367	4	189
408	On design of multi-cell tubes under axial and oblique impact loads. <i>Thin-Walled Structures</i> , <b>2015</b> , 95, 115-126	4.76	180
407	Crashworthiness analysis and design of multi-cell hexagonal columns under multiple loading cases. <i>Finite Elements in Analysis and Design</i> , <b>2015</b> , 104, 89-101	2.2	169
406	Crashworthiness optimization of foam-filled tapered thin-walled structure using multiple surrogate models. <i>Structural and Multidisciplinary Optimization</i> , <b>2013</b> , 47, 221-231	3.6	165
405	Crashworthiness design for foam filled thin-wall structures. <i>Materials &amp; Design</i> , <b>2009</b> , 30, 2024-2032		154
404	Crashworthiness design of vehicle by using multiobjective robust optimization. <i>Structural and Multidisciplinary Optimization</i> , <b>2011</b> , 44, 99-110	3.6	152
403	Lightweight design of carbon twill weave fabric composite body structure for electric vehicle. <i>Composite Structures</i> , <b>2013</b> , 97, 231-238	5.3	149
402	Dynamic crashing behavior of new extrudable multi-cell tubes with a functionally graded thickness. <i>International Journal of Mechanical Sciences</i> , <b>2015</b> , 103, 63-73	5.5	148
401	A variational level set method for the topology optimization of steady-state Navier-Stokes flow. <i>Journal of Computational Physics</i> , <b>2008</b> , 227, 10178-10195	4.1	146
400	Shape and topology design for heat conduction by Evolutionary Structural Optimization. <i>International Journal of Heat and Mass Transfer</i> , <b>1999</b> , 42, 3361-3371	4.9	145

399	Optimization of foam-filled bitubal structures for crashworthiness criteria. <i>Materials &amp; Design</i> , <b>2012</b> , 38, 99-109		142
398	Experimental study on crashworthiness of empty/aluminum foam/honeycomb-filled CFRP tubes. <i>Composite Structures</i> , <b>2016</b> , 152, 969-993	5.3	136
397	Time-Dependent Reliability Analysis Through Response Surface Method. <i>Journal of Mechanical Design, Transactions of the ASME</i> , <b>2017</b> , 139,	3	135
396	Energy absorption of metal, composite and metal/composite hybrid structures under oblique crushing loading. <i>International Journal of Mechanical Sciences</i> , <b>2018</b> , 135, 458-483	5.5	130
395	Parameterization of criss-cross configurations for multiobjective crashworthiness optimization. <i>International Journal of Mechanical Sciences</i> , <b>2017</b> , 124-125, 145-157	5.5	129
394	On design of multi-functional microstructural materials. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 51-66	4.3	129
393	Experimental and numerical study on honeycomb sandwich panels under bending and in-panel compression. <i>Materials and Design</i> , <b>2017</b> , 133, 154-168	8.1	127
392	Dynamic crash responses of bio-inspired aluminum honeycomb sandwich structures with CFRP panels. <i>Composites Part B: Engineering</i> , <b>2017</b> , 121, 122-133	10	126
391	On design of multi-cell thin-wall structures for crashworthiness. <i>International Journal of Impact Engineering</i> , <b>2016</b> , 88, 102-117	4	124
390	Crashworthiness of vertex based hierarchical honeycombs in out-of-plane impact. <i>Materials and Design</i> , <b>2016</b> , 110, 705-719	8.1	123
389	Topological design of structures and composite materials with multiobjectives. <i>International Journal of Solids and Structures</i> , <b>2007</b> , 44, 7092-7109	3.1	117
388	Evolutionary topology optimization for temperature reduction of heat conducting fields. <i>International Journal of Heat and Mass Transfer</i> , <b>2004</b> , 47, 5071-5083	4.9	117
387	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> , <b>2015</b> , 77, 68-83	4	116
386	A two-stage multi-fidelity optimization procedure for honeycomb-type cellular materials. <i>Computational Materials Science</i> , <b>2010</b> , 49, 500-511	3.2	115
385	On hierarchical honeycombs under out-of-plane crushing. <i>International Journal of Solids and Structures</i> , <b>2018</b> , 135, 1-13	3.1	114
384	Parametric analysis and multiobjective optimization for functionally graded foam-filled thin-wall tube under lateral impact. <i>Computational Materials Science</i> , <b>2014</b> , 90, 265-275	3.2	110
383	Microstructure design of biodegradable scaffold and its effect on tissue regeneration. <i>Biomaterials</i> , <b>2011</b> , 32, 5003-14	15.6	109
382	Dental implant induced bone remodeling and associated algorithms. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2009</b> , 2, 410-32	4.1	107

381	Mechanical responses to orthodontic loading: a 3-dimensional finite element multi-tooth model. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , <b>2009</b> , 135, 174-81	2.1	106
380	Mathematical modeling of degradation for bulk-erosive polymers: applications in tissue engineering scaffolds and drug delivery systems. <i>Acta Biomaterialia</i> , <b>2011</b> , 7, 1140-9	10.8	102
379	Mandibular bone remodeling induced by dental implant. <i>Journal of Biomechanics</i> , <b>2010</b> , 43, 287-93	2.9	102
378	Multiobjective optimization for tapered circular tubes. <i>Thin-Walled Structures</i> , <b>2011</b> , 49, 855-863	4.7	101
377	Multiobjective robust optimization method for drawbead design in sheet metal forming. <i>Materials &amp; Design</i> , <b>2010</b> , 31, 1917-1929		100
376	Design of graded two-phase microstructures for tailored elasticity gradients. <i>Journal of Materials Science</i> , <b>2008</b> , 43, 5157-5167	4.3	100
375	Multiobjective reliability-based optimization for design of a vehicledoor. <i>Finite Elements in Analysis and Design</i> , <b>2013</b> , 67, 13-21	2.2	93
374	A two-stage multi-objective optimisation of vehicle crashworthiness under frontal impact. <i>International Journal of Crashworthiness</i> , <b>2008</b> , 13, 279-288	1	93
373	Modeling for CFRP structures subjected to quasi-static crushing. <i>Composite Structures</i> , <b>2018</b> , 184, 41-55	5.3	92
372	Crushing analysis of foam-filled single and bitubal polygonal thin-walled tubes. <i>International Journal of Mechanical Sciences</i> , <b>2014</b> , 87, 226-240	5.5	92
371	Quasi-static axial crushing and transverse bending of double hat shaped CFRP tubes. <i>Composite Structures</i> , <b>2014</b> , 117, 1-11	5.3	91
370	Structural and functional characterization of neuraminidase-like molecule N10 derived from bat influenza A virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 18897-902	11.5	91
369	On crushing characteristics of different configurations of metal-composites hybrid tubes. <i>Composite Structures</i> , <b>2017</b> , 175, 58-69	5.3	90
368	Crashworthiness optimization of corrugated sandwich panels. <i>Materials &amp; Design</i> , <b>2013</b> , 51, 1071-1084		90
367	Theoretical prediction and optimization of multi-cell hexagonal tubes under axial crushing. <i>Thin-Walled Structures</i> , <b>2016</b> , 102, 111-121	4.7	89
366	Design of bionic-bamboo thin-walled structures for energy absorption. <i>Thin-Walled Structures</i> , <b>2019</b> , 135, 400-413	4.7	88
365	Experimental investigation of the quasi-static axial crushing behavior of filament-wound CFRP and aluminum/CFRP hybrid tubes. <i>Composite Structures</i> , <b>2018</b> , 194, 208-225	5.3	87
364	Design optimization of functionally graded dental implant for bone remodeling. <i>Composites Part B: Engineering</i> , <b>2009</b> , 40, 668-675	10	86

363	Multi-objective and multi-case reliability-based design optimization for tailor rolled blank (TRB) structures. <i>Structural and Multidisciplinary Optimization</i> , <b>2017</b> , 55, 1899-1916	3.6	83
362	Surface morphology optimization for osseointegration of coated implants. <i>Biomaterials</i> , <b>2010</b> , 31, 7196-2006	3.6	83
361	Crashworthiness design for functionally graded foam-filled bumper beam. <i>Advances in Engineering Software</i> , <b>2015</b> , 85, 81-95	3.6	82
360	A Comparative study on multiobjective reliable and robust optimization for crashworthiness design of vehicle structure. <i>Structural and Multidisciplinary Optimization</i> , <b>2013</b> , 48, 669-684	3.6	80
359	How does negative Poisson's ratio of foam filler affect crashworthiness?. <i>Materials and Design</i> , <b>2015</b> , 82, 247-259	8.1	79
358	A new multi-objective discrete robust optimization algorithm for engineering design. <i>Applied Mathematical Modelling</i> , <b>2018</b> , 53, 602-621	4.5	79
357	Crashworthiness design for foam-filled thin-walled structures with functionally lateral graded thickness sheets. <i>Thin-Walled Structures</i> , <b>2015</b> , 91, 63-71	4.7	78
356	Theoretical, numerical, and experimental study on laterally variable thickness (LVT) multi-cell tubes for crashworthiness. <i>International Journal of Mechanical Sciences</i> , <b>2016</b> , 118, 283-297	5.5	78
355	Low velocity impact behavior of interlayer hybrid composite laminates with carbon/glass/basalt fibres. <i>Composites Part B: Engineering</i> , <b>2019</b> , 176, 107191	10	78
354	Energy absorption mechanics and design optimization of CFRP/aluminium hybrid structures for transverse loading. <i>International Journal of Mechanical Sciences</i> , <b>2019</b> , 150, 767-783	5.5	78
353	On functionally graded composite structures for crashworthiness. <i>Composite Structures</i> , <b>2015</b> , 132, 393-405	4.5	77
352	Experimental and numerical investigation into the crashworthiness of metal-foam-composite hybrid structures. <i>Composite Structures</i> , <b>2019</b> , 209, 535-547	5.3	77
351	Experimental and numerical studies on indentation and perforation characteristics of honeycomb sandwich panels. <i>Composite Structures</i> , <b>2018</b> , 184, 110-124	5.3	76
350	Multiobjective robust design optimization of fatigue life for a truck cab. <i>Reliability Engineering and System Safety</i> , <b>2015</b> , 135, 1-8	6.3	75
349	Experimental and numerical studies on multi-layered corrugated sandwich panels under crushing loading. <i>Composite Structures</i> , <b>2015</b> , 126, 371-385	5.3	74
348	Topological configuration analysis and design for foam filled multi-cell tubes. <i>Engineering Structures</i> , <b>2018</b> , 155, 235-250	4.7	73
347	Multiobjective topology optimization for finite periodic structures. <i>Computers and Structures</i> , <b>2010</b> , 88, 806-811	4.5	72
346	Engineering Pre-vascularized Scaffolds for Bone Regeneration. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 881, 79-94	3.6	71

345	Design of transversely-graded foam and wall thickness structures for crashworthiness criteria. <i>Composites Part B: Engineering</i> , <b>2016</b> , 92, 338-349	10	71
344	Multiobjective crashworthiness optimization of hollow and conical tubes for multiple load cases. <i>Thin-Walled Structures</i> , <b>2014</b> , 82, 331-342	4.7	71
343	High-velocity impact behaviour of aluminium honeycomb sandwich panels with different structural configurations. <i>International Journal of Impact Engineering</i> , <b>2018</b> , 122, 119-136	4	70
342	Robust optimization of foam-filled thin-walled structure based on sequential Kriging metamodel. <i>Structural and Multidisciplinary Optimization</i> , <b>2014</b> , 49, 897-913	3.6	69
341	On crashworthiness design of hybrid metal-composite structures. <i>International Journal of Mechanical Sciences</i> , <b>2020</b> , 171, 105380	5.5	68
340	Crashworthiness analysis and optimization of sinusoidal corrugation tube. <i>Thin-Walled Structures</i> , <b>2016</b> , 105, 121-134	4.7	68
339	Radial basis functional model for multi-objective sheet metal forming optimization. <i>Engineering Optimization</i> , <b>2011</b> , 43, 1351-1366	2	67
338	On stiffness of scaffolds for bone tissue engineering-a numerical study. <i>Journal of Biomechanics</i> , <b>2010</b> , 43, 1738-44	2.9	67
337	Crashworthiness design of foam-filled bitubal structures with uncertainty. <i>International Journal of Non-Linear Mechanics</i> , <b>2014</b> , 67, 120-132	2.8	66
336	Topology optimization for negative permeability metamaterials using level-set algorithm. <i>Acta Materialia</i> , <b>2011</b> , 59, 2624-2636	8.4	66
335	Level-set based topology optimization for electromagnetic dipole antenna design. <i>Journal of Computational Physics</i> , <b>2010</b> , 229, 6915-6930	4.1	66
334	A periodontal ligament driven remodeling algorithm for orthodontic tooth movement. <i>Journal of Biomechanics</i> , <b>2014</b> , 47, 1689-95	2.9	65
333	Comparison of functionally-graded structures under multiple loading angles. <i>Thin-Walled Structures</i> , <b>2015</b> , 94, 334-347	4.7	65
332	Comparative study on metal/CFRP hybrid structures under static and dynamic loading. <i>International Journal of Impact Engineering</i> , <b>2020</b> , 141, 103509	4	64
331	Mechanical properties of hybrid composites reinforced by carbon and basalt fibers. <i>International Journal of Mechanical Sciences</i> , <b>2018</b> , 148, 636-651	5.5	64
330	Axial and lateral crushing responses of aluminum honeycombs filled with EPP foam. <i>Composites Part B: Engineering</i> , <b>2017</b> , 130, 236-247	10	62
329	Displacement minimization of thermoelastic structures by evolutionary thickness design. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>1999</b> , 179, 361-378	5.7	62
328	Sensitivity analysis and reliability based design optimization for high-strength steel tailor welded thin-walled structures under crashworthiness. <i>Thin-Walled Structures</i> , <b>2016</b> , 109, 132-142	4.7	62

327	Experimental investigation into dynamic axial impact responses of double hat shaped CFRP tubes. <i>Composites Part B: Engineering</i> , <b>2015</b> , 79, 494-504	10	61
326	Low-velocity impact behaviour of sandwich panels with homogeneous and stepwise graded foam cores. <i>Materials and Design</i> , <b>2018</b> , 160, 1117-1136	8.1	61
325	A level-set procedure for the design of electromagnetic metamaterials. <i>Optics Express</i> , <b>2010</b> , 18, 6693-7023	9.3	60
324	Nondeterministic optimization of tapered sandwich column for crashworthiness. <i>Thin-Walled Structures</i> , <b>2018</b> , 122, 193-207	4.7	60
323	Prediction of mandibular bone remodelling induced by fixed partial dentures. <i>Journal of Biomechanics</i> , <b>2010</b> , 43, 1771-9	2.9	58
322	Multiscale design of surface morphological gradient for osseointegration. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2013</b> , 20, 387-97	4.1	56
321	Crashworthiness analysis and optimization of fourier varying section tubes. <i>International Journal of Non-Linear Mechanics</i> , <b>2017</b> , 92, 41-58	2.8	55
320	Multiobjective robust optimization for crashworthiness design of foam filled thin-walled structures with random and interval uncertainties. <i>Engineering Structures</i> , <b>2015</b> , 88, 111-124	4.7	55
319	An experimental and numerical study on quasi-static and dynamic crashing behaviors for tailor rolled blank (TRB) structures. <i>Materials and Design</i> , <b>2017</b> , 118, 175-197	8.1	54
318	Biomechanics of oral mucosa. <i>Journal of the Royal Society Interface</i> , <b>2015</b> , 12, 20150325	4.1	54
317	On design of graded honeycomb filler and tubal wall thickness for multiple load cases. <i>Thin-Walled Structures</i> , <b>2016</b> , 109, 377-389	4.7	53
316	Thermally induced fracture for core-veneered dental ceramic structures. <i>Acta Biomaterialia</i> , <b>2013</b> , 9, 8394-402	10.8	53
315	Experimental study on crashworthiness of tailor-welded blank (TWB) thin-walled high-strength steel (HSS) tubular structures. <i>Thin-Walled Structures</i> , <b>2014</b> , 74, 12-27	4.7	53
314	Bending characteristics of top-hat structures through tailor rolled blank (TRB) process. <i>Thin-Walled Structures</i> , <b>2018</b> , 123, 420-440	4.7	53
313	Configurational optimization of multi-cell topologies for multiple oblique loads. <i>Structural and Multidisciplinary Optimization</i> , <b>2018</b> , 57, 469-488	3.6	53
312	On fracture characteristics of adhesive joints with dissimilar materials [An experimental study using digital image correlation (DIC) technique. <i>Composite Structures</i> , <b>2018</b> , 201, 1056-1075	5.3	52
311	Crashworthiness design of multi-component tailor-welded blank (TWB) structures. <i>Structural and Multidisciplinary Optimization</i> , <b>2013</b> , 48, 653-667	3.6	52
310	On hybrid cellular materials based on triply periodic minimal surfaces with extreme mechanical properties. <i>Materials and Design</i> , <b>2019</b> , 183, 108109	8.1	50

309	Dynamic response of sandwich panel with hierarchical honeycomb cores subject to blast loading. <i>Thin-Walled Structures</i> , <b>2019</b> , 142, 499-515	4.7	50
308	Towards automated 3D finite element modeling of direct fiber reinforced composite dental bridge. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2005</b> , 74, 520-8	3.5	50
307	On energy absorption of functionally graded tubes under transverse loading. <i>International Journal of Mechanical Sciences</i> , <b>2016</b> , 115-116, 465-480	5.5	50
306	Discrete topology optimization of ply orientation for a carbon fiber reinforced plastic (CFRP) laminate vehicle door. <i>Materials and Design</i> , <b>2017</b> , 128, 9-19	8.1	48
305	On low-velocity impact response of foam-core sandwich panels. <i>International Journal of Mechanical Sciences</i> , <b>2020</b> , 181, 105681	5.5	48
304	Variable fidelity design based surrogate and artificial bee colony algorithm for sheet metal forming process. <i>Finite Elements in Analysis and Design</i> , <b>2012</b> , 59, 76-90	2.2	48
303	Discrete robust optimization algorithm based on Taguchi method for structural crashworthiness design. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 4482-4492	7.8	47
302	Computational analysis and optimization of sandwich panels with homogeneous and graded foam cores for blast resistance. <i>Thin-Walled Structures</i> , <b>2020</b> , 147, 106494	4.7	47
301	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> , <b>2020</b> , 135, 103327	4	47
300	Ag Nanoparticles Cluster with pH-Triggered Reassembly in Targeting Antimicrobial Applications. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000511	15.6	46
299	Flexural performance and cost efficiency of carbon/basalt/glass hybrid FRP composite laminates. <i>Thin-Walled Structures</i> , <b>2019</b> , 142, 516-531	4.7	46
298	Multi-fidelity optimization for sheet metal forming process. <i>Structural and Multidisciplinary Optimization</i> , <b>2011</b> , 44, 111-124	3.6	46
297	On crashing behaviors of aluminium/CFRP tubes subjected to axial and oblique loading: An experimental study. <i>Composites Part B: Engineering</i> , <b>2018</b> , 145, 47-56	10	45
296	Architectural Design of 3D Printed Scaffolds Controls the Volume and Functionality of Newly Formed Bone. <i>Advanced Healthcare Materials</i> , <b>2019</b> , 8, e1801353	10.1	45
295	The role of oxidized low-density lipoprotein in breaking peripheral Th17/Treg balance in patients with acute coronary syndrome. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 394, 836-42 <sup>3-4</sup>	3.4	44
294	Computational design of multi-phase microstructural materials for extremal conductivity. <i>Computational Materials Science</i> , <b>2008</b> , 43, 549-564	3.2	44
293	Cuttlebone: Characterisation, application and development of biomimetic materials. <i>Journal of Bionic Engineering</i> , <b>2012</b> , 9, 367-376	2.7	43
292	A comparative study on complete and implant retained denture treatments: a biomechanics perspective. <i>Journal of Biomechanics</i> , <b>2015</b> , 48, 512-9	2.9	42



291	Evolutionary structural optimization for connection topology design of multi-component systems. <i>Engineering Computations</i> , <b>2001</b> , 18, 460-479	1.4	42
290	Static and dynamic crushing responses of CFRP sandwich panels filled with different reinforced materials. <i>Materials and Design</i> , <b>2017</b> , 117, 396-408	8.1	41
289	Biomechanical investigation into the role of the periodontal ligament in optimising orthodontic force: a finite element case study. <i>Archives of Oral Biology</i> , <b>2016</b> , 66, 98-107	2.8	41
288	Structural topology design with multiple thermal criteria. <i>Engineering Computations</i> , <b>2000</b> , 17, 715-734	1.4	41
287	Design for cost performance of crashworthy structures made of high strength steel. <i>Thin-Walled Structures</i> , <b>2019</b> , 138, 458-472	4.7	41
286	Experimental study on low-velocity impact responses and residual properties of composite sandwiches with metallic foam core. <i>Composite Structures</i> , <b>2019</b> , 223, 110835	5.3	40
285	An experimental study on fatigue characteristics of CFRP-steel hybrid laminates. <i>Materials and Design</i> , <b>2015</b> , 88, 643-650	8.1	40
284	Crushing analysis and design optimization for foam-filled aluminum/CFRP hybrid tube against transverse impact. <i>Composites Part B: Engineering</i> , <b>2020</b> , 196, 108029	10	40
283	Residual crashworthiness of CFRP structures with pre-impact damage: An experimental and numerical study. <i>International Journal of Mechanical Sciences</i> , <b>2018</b> , 149, 122-135	5.5	39
282	Load bearing and failure characteristics of perforated square CFRP tubes under axial crushing. <i>Composite Structures</i> , <b>2017</b> , 160, 23-35	5.3	38
281	A comparative mechanical and bone remodelling study of all-ceramic posterior inlay and onlay fixed partial dentures. <i>Journal of Dentistry</i> , <b>2012</b> , 40, 48-56	4.8	38
280	Phase field fracture in elasto-plastic solids: Abaqus implementation and case studies. <i>Theoretical and Applied Fracture Mechanics</i> , <b>2019</b> , 103, 102252	3.7	37
279	Multiobjective robust optimization of coronary stents. <i>Materials and Design</i> , <b>2016</b> , 90, 682-692	8.1	37
278	Tooth eruption results from bone remodelling driven by bite forces sensed by soft tissue dental follicles: a finite element analysis. <i>PLoS ONE</i> , <b>2013</b> , 8, e58803	3.7	37
277	On twist springback in advanced high-strength steels. <i>Materials &amp; Design</i> , <b>2011</b> , 32, 3272-3279		36
276	COMPUTATIONAL DESIGN FOR MULTIFUNCTIONAL MICROSTRUCTURAL COMPOSITES. <i>International Journal of Modern Physics B</i> , <b>2009</b> , 23, 1345-1351	1.1	35
275	MicroRNA-29b promotes high-fat diet-stimulated endothelial permeability and apoptosis in apoE knock-out mice by down-regulating MT1 expression. <i>International Journal of Cardiology</i> , <b>2014</b> , 176, 764-770	3.2	34
274	Determination of mechanical properties of the weld line by combining micro-indentation with inverse modeling. <i>Computational Materials Science</i> , <b>2014</b> , 85, 347-362	3.2	34

273	A continuum sensitivity method for the design of multi-stage metal forming processes. <i>International Journal of Mechanical Sciences</i> , <b>2003</b> , 45, 325-358	5.5	34
272	Multiobjective reliability-based optimization for crashworthy structures coupled with metal forming process. <i>Structural and Multidisciplinary Optimization</i> , <b>2017</b> , 56, 1571-1587	3.6	33
271	Structure of influenza virus N7: the last piece of the neuraminidase "jigsaw" puzzle. <i>Journal of Virology</i> , <b>2014</b> , 88, 9197-207	6.6	33
270	Experimental investigation on high strength steel (HSS) tailor-welded blanks (TWBs). <i>Journal of Materials Processing Technology</i> , <b>2014</b> , 214, 925-935	5.3	33
269	On lateral compression of circular aluminum, CFRP and GFRP tubes. <i>Composite Structures</i> , <b>2020</b> , 232, 111534	5.3	33
268	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> , <b>2016</b> , 27, 1344-60	12.7	32
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