Jinjie Zhang

List of Publications by Year
in descending order

15 papers	338 citations	1040056 9 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	321 citing authors

#	ARTICLE	IF	CITATIONS
1	A statistical lumbar spine geometry model accounting for variations by Age, Sex, Stature, and body mass index. Journal of Biomechanics, 2022, 130, 110821.	2.1	5
2	A fastâ€•validated computational model for cylindrical lithiumâ€•ion batteries under multidirectional mechanical loading. International Journal of Energy Research, 2021, 45, 4410-4428.	4.5	2
3	End-to-end face parsing via interlinked convolutional neural networks. Cognitive Neurodynamics, 2021, 15, 169-179.	4.0	21
4	A numerical investigation of factors affecting lumbar spine injuries in frontal crashes. Accident Analysis and Prevention, 2020, 136, 105400.	5.7	17
5	Driver Lane Change Intention Recognition of Intelligent Vehicle Based on Long Short-Term Memory Network. IEEE Access, 2020, 8, 136898-136905.	4.2	34
6	Mechanical integrity of 18650 lithium-ion battery module: Packing density and packing mode. Engineering Failure Analysis, 2018, 91, 315-326.	4.0	62
7	A Numerical Investigation of Risk Factors Affecting Lumbar Spine Injuries Using a Detailed Lumbar Model. Applied Bionics and Biomechanics, 2018, 2018, 1-8.	1.1	6
8	Homogenized modeling methodology for 18650 lithium-ion battery module under large deformation. PLoS ONE, 2017, 12, e0181882.	2.5	15
9	Topology Optimization and Performance Calculation for Control Arms of a Suspension. Advances in Mechanical Engineering, 2014, 6, 734568.	1.6	4
10	Analysis of collaborative spectrum sensing without dedicated sensing period. IET Communications, 2013, 7, 1617-1627.	2.2	1
11	A calculation method of joint forces for a suspension considering nonlinear elasticity of bushings. Proceedings of the Institution of Mechanical Engineers, Part K: Journal of Multi-body Dynamics, 2012, 226, 281-297.	0.8	12
12	Performance Analysis of Spectrum Sensing with Multiple Status Changes in Primary User Traffic. IEEE Communications Letters, 2012, 16, 874-877.	4.1	28
13	Performance Evaluation of Spectrum Sensing Using Recovered Secondary Frames With Decoding Errors. IEEE Transactions on Wireless Communications, 2012, , 1-12.	9.2	0
14	Analytical Evaluation of Adaptive-Modulation-Based Opportunistic Cognitive Radio in Nakagami-m Fading Channels. IEEE Transactions on Vehicular Technology, 2012, 61, 3294-3300.	6.3	15
15	Effect of Primary User Traffic on Sensing-Throughput Tradeoff for Cognitive Radios. IEEE Transactions on Wireless Communications, 2011, 10, 1063-1068.	9.2	116