

Weidong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

147
citations

1478505

6
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1199594

12
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18
all docs

18
docs citations

18
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic traffic congestion pricing and electric vehicle charging management system for the internet of vehicles in smart cities. <i>Digital Communications and Networks</i> , 2021, 7, 492-504.	5.0	35
2	Accident Prediction System Based on Hidden Markov Model for Vehicular Ad-Hoc Network in Urban Environments. <i>Information (Switzerland)</i> , 2018, 9, 311.	2.9	24
3	T-Coin: Dynamic Traffic Congestion Pricing System for the Internet of Vehicles in Smart Cities. <i>Information (Switzerland)</i> , 2020, 11, 149.	2.9	23
4	DIFTOS: A Distributed Infrastructure-Free Traffic Optimization System Based on Vehicular Ad Hoc Networks for Urban Environments. <i>Sensors</i> , 2018, 18, 2567.	3.8	19
5	Detection of early dangerous state in deep water of indoor swimming pool based on surveillance video. <i>Signal, Image and Video Processing</i> , 2022, 16, 29-37.	2.7	10
6	Online Multiple Object Tracking Using a Novel Discriminative Module for Autonomous Driving. <i>Electronics (Switzerland)</i> , 2021, 10, 2479.	3.1	9
7	Anti-collision algorithm based on slotted random regressive binary search tree in RFID technology. <i>IET Communications</i> , 2022, 16, 1200-1208.	2.2	8
8	Investigation of Material Performance Degradation for High-Strength Aluminum Alloy Using Acoustic Emission Method. <i>Metals</i> , 2015, 5, 228-238.	2.3	5
9	A novel Siamese Attention Network for visual object tracking of autonomous vehicles. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2021, 235, 2764-2775.	1.9	4
10	No-Reference Image Quality Assessment Based on Image Multi-Scale Contour Prediction. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2833.	2.5	3
11	Microstructure and mechanical behaviors of grinding balls produced by dual matrix structure two-step austempering process. <i>Journal of Materials Research and Technology</i> , 2020, 9, 4672-4681.	5.8	2
12	A Defect Detection Method for the Surface of Metal Materials Based on an Adaptive Ultrasound Pulse Excitation Device and Infrared Thermal Imaging Technology. <i>Complexity</i> , 2021, 2021, 1-9.	1.6	2
13	Deep Recurrent Neural Network Architecture of High Order Indirect Integration Method. <i>Neural Processing Letters</i> , 2022, 54, 1233-1253.	3.2	2
14	Finite Element Simulation and Fatigue Damage Analysis of High-Speed Train Gearbox Shell Based on Structure and Material Cross-Scale Correlation. <i>Journal of Failure Analysis and Prevention</i> , 2022, 22, 1215-1228.	0.9	1
15	A fast temperature rise identification method based on an adaptive particle filter. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 98, 1217-1235.	3.0	0
16	Performance Degradation Analysis and Life Prediction of the Fatigue Damage Process of High Strength Aluminum Alloy Using Acoustic Emission. <i>Journal of Nondestructive Evaluation</i> , 2021, 40, 1.	2.4	0
17	SiamMFC: Visual Object Tracking Based on Manifold Full Convolution Siamese Network. <i>Sensors</i> , 2021, 21, 6388.	3.8	0
18	The Cross-Scale Life Prediction for the High-Speed Train Gearbox Shell Based on the Three-Interval Method. <i>Scientific Programming</i> , 2022, 2022, 1-10.	0.7	0