Weidong Zhang

List of Publications by Year
in descending order

18	147	1478505	1199594
18	**147**	**6**	**12**
papers	citations	h-index	g-index
18	**18**	**18**	**96**
all docs	docs citations	times ranked	citing authors

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