Haisong

List of Publications by Year
in descending order

28 papers	745 citations	758635 12 h-index	552369 26 g-index
31 all docs	31 docs citations	31 times ranked	566 citing authors

#	ARTICLE	IF	CITATIONS
1	Research on a Surface Defect Detection Algorithm Based on MobileNet-SSD. Applied Sciences (Switzerland), 2018, 8, 1678.	1.3	196
2	New imbalanced bearing fault diagnosis method based on Sample-characteristic Oversampling TechniquE (SCOTE) and multi-class LS-SVM. Applied Soft Computing Journal, 2021, 101, 107043.	4.1	81
3	New imbalanced fault diagnosis framework based on Cluster-MWMOTE and MFO-optimized LS-SVM using limited and complex bearing data. Engineering Applications of Artificial Intelligence, 2020, 96, 103966.	4.3	68
4	NI-MWMOTE: An improving noise-immunity majority weighted minority oversampling technique for imbalanced classification problems. Expert Systems With Applications, 2020, 158, 113504.	4.4	56
5	Research on a Real-Time Monitoring Method for the Wear State of a Tool Based on a Convolutional Bidirectional LSTM Model. Symmetry, 2019, 11, 1233.	1.1	47
6	Beetle antenna strategy based grey wolf optimization. Expert Systems With Applications, 2021, 165, 113882.	4.4	43
7	A modified equilibrium optimizer using opposition-based learning and novel update rules. Expert Systems With Applications, 2021, 170, 114575.	4.4	38
8	Wear and Corrosion Resistance of Al0.5CoCrCuFeNi High-Entropy Alloy Coating Deposited on AZ91D Magnesium Alloy by Laser Cladding. Entropy, 2018, 20, 915.	1.1	34
9	A modified self-adaptive marine predators algorithm: framework and engineering applications. Engineering With Computers, 2022, 38, 3269-3294.	3.5	32
10	IA-SUWO: An Improving Adaptive semi-unsupervised weighted oversampling for imbalanced classification problems. Knowledge-Based Systems, 2020, 203, 106116.	4.0	20
11	A Novel Approach to Component Assembly Inspection Based on Mask R-CNN and Support Vector Machines. Information (Switzerland), 2019, 10, 282.	1.7	15
12	Fine-Grained Mechanical Chinese Named Entity Recognition Based on ALBERT-AttBiLSTM-CRF and Transfer Learning. Symmetry, 2020, 12, 1986.	1.1	14
13	Research on a Product Quality Monitoring Method Based on Multi Scale PP-YOLO. IEEE Access, 2021, 9, 80373-80387.	2.6	13
14	SMD-YOLO: An efficient and lightweight detection method for mask wearing status during the COVID-19 pandemic. Computer Methods and Programs in Biomedicine, 2022, 221, 106888.	2.6	13
15	P300 event-related potential detection using one-dimensional convolutional capsule networks. Expert Systems With Applications, 2021, 174, 114701.	4.4	12
16	A Novel Self-Adaptive Control Method for Plasma Electrolytic Oxidation Processing of Aluminum Alloys. Materials, 2019, 12, 2744.	1.3	11
17	Research on a Tool Wear Monitoring Algorithm Based on Residual Dense Network. Symmetry, 2019, 11, 809.	1.1	10
18	An intelligent fault identification method of rolling bearings based on SVM optimized by improved GWO. Systems Science and Control Engineering, 2019, 7, 289-303.	1.8	8

#	Article	IF	Citations
19	Product Quality Detection through Manufacturing Process Based on Sequential Patterns Considering Deep Semantic Learning and Process Rules. Processes, 2020, 8, 751.	1.3	7
20	Analysis and Multi-Objective Optimization for Reducing Energy Consumption and Improving Surface Quality during Dry Machining of 304 Stainless Steel. Materials, 2020, 13, 4693.	1.3	7
21	Subtask-learning based for robot self-assembly in flexible collaborative assembly in manufacturing. International Journal of Advanced Manufacturing Technology, 2022, 120, 6807-6819.	1.5	6
22	Discharge Behavior and Dielectric Breakdown of Oxide Films during Single Pulse Anodizing of Aluminum Micro-Electrodes. Materials, 2019, 12, 2286.	1.3	5
23	Using Product Network Analysis to Optimize Product-to-Shelf Assignment Problems. Applied Sciences (Switzerland), 2019, 9, 1581.	1.3	4
24	Construction and application of an ergonomic simulation optimization method driven by a posture load regulatory network. Simulation, 2020, 96, 623-637.	1.1	2
25	Transportation Service Quality Improvement through Closed Sequential Pattern Mining Approach. Cybernetics and Information Technologies, 2016, 16, 185-194.	0.4	1
26	Multi-Class Imbalanced Fault Diagnosis Method Based on IMWMOTE and MFO-Bayes-LS-SVM. , 2021, , .		1
27	Step Surface Profile Measurement Based on Fringe Projection Phase-Shifting Using Selective Sampling. Photonics, 2021, 8, 592.	0.9	1
28	An Application of Fuzzy Control Based on PLC in the Pressure Control System of Chinese Medicine Water Extraction. , 2011, , .		0