Orhan Yaman

List of Publications by Year
in descending order

		759233	888059
27 papers	**570** citations	**12** h-index	**17** g-index
27 all docs	**27** docs citations	**27** times ranked	**390** citing authors

#	Article	IF	Citations
1	Automated Parkinsonâ€™s disease recognition based on statistical pooling method using acoustic features. Medical Hypotheses, 2020, 135, 109483.	1.5	52
2	A New Computer Vision Based Method for Rail Track Detection and Fault Diagnosis in Railways. International Journal of Mechanical Engineering and Robotics Research, 2017, , 22-27.	1.0	51
3	Exemplar pyramid deep feature extraction based cervical cancer image classification model using pap-smear images. Biomedical Signal Processing and Control, 2022, 73, 103428.	5.7	49
4	A new arc detection method based on fuzzy logic using S-transform for pantographâ€"catenary systems. Journal of Intelligent Manufacturing, 2018, 29, 839-856.	7.3	47
5	A sound based method for fault detection with statistical feature extraction in UAV motors. Applied Acoustics, 2021, 183, 108325.	3.3	44
6	Complex Fuzzy System Based Predictive Maintenance Approach in Railways. IEEE Transactions on Industrial Informatics, 2020, 16, 6023-6032.	11.3	40
7	A blockchain-based approach to smart cargo transportation using UHF RFID. Expert Systems With Applications, 2022, 188, 116030.	7.6	38
8	Automated accurate schizophrenia detection system using Collatz pattern technique with EEG signals. Biomedical Signal Processing and Control, 2021, 70, 102936.	5.7	37
9	Exemplar Darknet19 feature generation technique for automated kidney stone detection with coronal CT images. Artificial Intelligence in Medicine, 2022, 127, 102274.	6.5	32
10	Automatic COVID-19 Detection Using Exemplar Hybrid Deep Features with X-ray Images. International Journal of Environmental Research and Public Health, 2021, 18, 8052.	2.6	28
11	A New Approach for Condition Monitoring and Detection of Rail Components and Rail Track in Railway*. International Journal of Computational Intelligence Systems, 2018, 11, 830.	2.7	24
12	DES-Pat: A novel DES pattern-based propeller recognition method using underwater acoustical sounds. Applied Acoustics, 2021, 175, 107859.	3.3	23
13	Auto correlation based elevator rope monitoring and fault detection approach with image processing. , 2017, , .		17
14	Particle swarm based arc detection on time series in pantograph-catenary system. , 2014, , .		16
15	Development of image processing based methods using augmented reality in higher education. , 2016, , .		13
16	Real-time condition monitoring approach of pantograph-catenary system using FPGA. , 2016, , .		11
17	A vision based diagnosis approach for multi rail surface faults using fuzzy classificiation in railways. , 2017, , .		11
18	Accurate respiratory sound classification model based on piccolo pattern. Applied Acoustics, 2022, 188, 108589.	3.3	11

#	Article	IF	Citations
19	A real time interface for vision inspection of rail components and surface in railways. , 2017, , .		6
20	PSO Based Traffic Optimization Approach for Railway Networks. , 2018, , .		4
21	Image processing and machine learning‐based classification method for hyperspectral images. Journal of Engineering, 2021, 2021, 85-96.	1.1	4
22	Automated UHF RFID‐based book positioning and monitoring method in smart libraries. IET Smart Cities, 2020, 2, 173-180.	3.1	4
23	Band Reducing Based SVM Classification Method in Hyperspectral Image Processing. , 2020, , .		3
24	Bitkilerdeki Yaprak Hastalığı Tespiti için Derin Özellik Çıkarma ve Makine Öğrenmesi Yöntemi. Fırat Üniversitesi Mühendislik Bilimleri Dergisi, 2022, 34, 123-132.	0.5	3
25	Automated book location and classification method using RFID tags for smart libraries. Microprocessors and Microsystems, 2021, 87, 104388.	2.8	2
26	A New Depth Classification Method based on Underwater Acoustics for Naval Defense Applications. European Journal of Science and Technology, 0, , .	0.5	0
27	Accurate deep and direction classification model based on the antiprism graph pattern feature generator using underwater acoustic for defense system. Multimedia Tools and Applications, 0, , .	3.9	0