Subramoniam M

List of Publications by Year
in descending order

20 papers	253 citations
1307594 7 h-index	1372567 10 g-index
20 all docs	20 docs citations
20 times ranked	114 citing authors

#	Article	IF	Citations
1	Prediction of Pulmonary Diseases With Electronic Nose Using SVM and XGBoost. IEEE Sensors Journal, 2021, 21, 20886-20895.	4.7	47
2	A robust single and multiple moving object detection, tracking and classification. Applied Computing and Informatics, 2021, 17, 2-18.	5.9	40
3	Discrimination of COPD and lung cancer from controls through breath analysis using a self-developed e-nose. Journal of Breath Research, 2021, 15, 046003.	3.0	37
4	Detection of COPD and Lung Cancer with electronic nose using ensemble learning methods. Clinica Chimica Acta, 2021, 523, 231-238.	1.1	34
5	Noninvasive detection of COPD and Lung Cancer through breath analysis using MOS Sensor array based e-nose. Expert Review of Molecular Diagnostics, 2021, 21, 1223-1233.	3.1	28
6	Local Binary Pattern Approach to the Classification of Osteoarthritis in Knee X-ray Images. Asian Journal of Scientific Research, 2013, 6, 805-811.	0.1	13
7	Advances in Early Lung Cancer Detection: A Systematic Review. , 2018, , .		11
8	Early Detection of Lung Cancer Through Breath Analysis Using AdaBoost Ensemble Learning Method. , 2021, , .		8
9	A hybrid gray wolf and genetic whale optimization algorithm for efficient moving object analysis. Multimedia Tools and Applications, 2019, 78, 26633-26659.	3.9	7
10	ACOâ€"MKFCM: An Optimized Object Detection and Tracking Using DNN and Gravitational Search Algorithm. Wireless Personal Communications, 2020, 110, 1567-1604.	2.7	7
11	A non-invasive method for analysis of arthritis inflammations by using image segmentation algorithm. , 2015, , .		6
12	Exhaled Breath Volatile Organic Compound Analysis for the Detection of Lung Cancer- A Systematic Review. Journal of Biomimetics, Biomaterials and Biomedical Engineering, 0, 56, 17-35.	0.5	6
13	CBFD: a refined W4+ cluster-based frame difference approach for efficient moving object detection. Soft Computing, 2019, 23, 10661-10679.	3.6	3
14	Statistical feature based classification of arthritis in knee X-ray images using local binary pattern. , 2013, , .		2
15	Arduino Based Wireless Datalogger For Nuclear Power Plant Using Processing Software. , 2017, , .		2
16	A trusted waterfall framework based moving object detection using FACO-MKFCM techniques. Multimedia Tools and Applications, 2019, 78, 26427-26452.	3.9	1
17	Analysis on Image Restoration of Ancient Paintings. , 2022, , .		1
18	Assessment of cartilage disorder in knee with VAG signals using wavelet transform and neural network. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	A novel method for early diagnosis of arthritis from digital x-ray images. Research Journal of Pharmacy and Technology, 2017, 10, 1611.	0.8	0
20	Multi-Modal Authentication using Machine Learning Algorithm. International Journal of Engineering and Advanced Technology, 2019, 8, 1151-1155.	0.3	0