Preetham Kumar

List of Publications by Year
in descending order

18 papers	226 citations	1477746 6 h-index	1872312 6 g-index
20 all docs	20 docs citations	20 times ranked	165 citing authors

#	Article	IF	Citations
1	Identification and red blood cell automated counting from blood smear images using computer-aided system. Medical and Biological Engineering and Computing, 2018, 56, 483-489.	1.6	48
2	Detection of acute lymphoblastic leukemia using image segmentation and data mining algorithms. Medical and Biological Engineering and Computing, 2019, 57, 1783-1811.	1.6	44
3	Automated segmentation of optic disc and optic cup for glaucoma assessment using improved UNET++ architecture. Biocybernetics and Biomedical Engineering, 2021, 41, 819-832.	3.3	32
4	Automated detection of optic disc contours in fundus images using decision tree classifier. Biocybernetics and Biomedical Engineering, 2020, 40, 52-64.	3.3	26
5	Novel ensemble of optimized CNN and dynamic selection techniques for accurate Covid-19 screening using chest CT images. Computers in Biology and Medicine, 2021, 137, 104835.	3.9	19
6	Automatic detection of acute myeloid leukemia from microscopic blood smear image. , 2017, , .		16
7	Identification and red blood cell classification using computer aided system to diagnose blood disorders. , 2017, , .		13
8	Segmentation of Optic Disc by Localized Active Contour Model in Retinal Fundus Image. Advances in Intelligent Systems and Computing, 2019, , 35-44.	0.5	13
9	Discovery of weighted association rules mining. , 2010, , .		4
10	I2Apriori: An improved apriori algorithm based on infrequent count. , 2016, , .		4
11	The Role of Color and Texture Features in Glaucoma Detection. , 2018, , .		3
12	Parallel Method for Discovering Frequent Itemsets Using Weighted Tree Approach. , 2009, , .		2
13	Bitwise dynamic itemset counting algorithm. , 2015, , .		1
14	Segmentation of Pap Smear Images to Diagnose Cervical Cancer Types and Stages. , 2018, , .		1
15	Segmentation Techniques for Computer-Aided Diagnosis of Glaucoma: A Review. Advances in Intelligent Systems and Computing, 2018, , 163-173.	0.5	0
16	Efficient Mining of Rare Itemsets. Lecture Notes in Electrical Engineering, 2021, , 569-577.	0.3	0
17	Preprocessing of Datasets Using Sequential and Parallel Approach: AÂComparison. Lecture Notes in Networks and Systems, 2022, , 311-320.	0.5	0
18	Data Mapping in Intelligent Form Using Random Hierarchical Bit Format Enhancing the Security in Data Retrieval. Advances in Intelligent Systems and Computing, 2013, , 807-812.	0.5	0