

Renoh Johnson Chalakkal

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

206
citations

1683354

5
h-index

1719596

7
g-index

15
all docs

15
docs citations

15
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Quality and content analysis of fundus images using deep learning. Computers in Biology and Medicine, 2019, 108, 317-331.	3.9	34
2	Automatic detection and segmentation of optic disc and fovea in retinal images. IET Image Processing, 2018, 12, 2100-2110.	1.4	32
3	Fundus retinal image analyses for screening and diagnosing diabetic retinopathy, macular edema, and glaucoma disorders. , 2020, , 59-111.		25
4	A Systematic Review of Current Teleophthalmology Services in New Zealand Compared to the Four Comparable Countries of the United Kingdom, Australia, United States of America (USA) and Canada. Clinical Ophthalmology, 2021, Volume 15, 4015-4027.	0.9	20
5	An efficient framework for automated screening of Clinically Significant Macular Edema. Computers in Biology and Medicine, 2021, 130, 104128.	3.9	19
6	Comparative Analysis of University of Auckland Diabetic Retinopathy Database. , 2017, , .		16
7	Cardiovascular Risk Stratification in Diabetic Retinopathy via Atherosclerotic Pathway in COVID-19/Non-COVID-19 Frameworks Using Artificial Intelligence Paradigm: A Narrative Review. Diagnostics, 2022, 12, 1234.	1.3	15
8	Improved Vessel Segmentation Using Curvelet Transform and Line Operators. , 2018, , .		10
9	Automatic segmentation of retinal vasculature. , 2017, , .		8
10	A new approach to non-mydratiac portable fundus imaging. Expert Review of Medical Devices, 2022, 19, 303-314.	1.4	8
11	On Deep Learning based algorithms for Detection of Diabetic Retinopathy. , 2019, , .		7
12	Comparison of Curvelet Generation 1 and Curvelet Generation 2 Transforms for Retinal Image Analysis. International Journal of Electrical and Computer Engineering, 2013, 3, .	0.5	4
13	Comparison of curvelet and contourlet transforms for retinal analysis. , 2012, , .		3
14	Performance Analysis of Magnetic Resonance Image Denoising Using Contourlet Transform. , 2013, , .		3
15	Detection and localization of texts from natural scene images using scale space and morphological operations. , 2013, , .		2