

Soumya Jana

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

460
citations

1040056

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h-index

1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	En-face choroidal vascularity map of the macula in healthy eyes. <i>European Journal of Ophthalmology</i> , 2021, 31, 218-225.	1.3	7
2	CHOROIDAL VASCULARITY INDEX AND CHOROIDAL THICKNESS IN EYES WITH RETICULAR PSEUDODRUSEN. <i>Retina</i> , 2020, 40, 612-617.	1.7	40
3	RESILIENT: A robust statistical method for estimating multiple VOC sources from limited field measurements. <i>Heliyon</i> , 2020, 6, e05296.	3.2	0
4	A Step Towards Miniaturized Milk Adulteration Detection System: Smartphone-Based Accurate pH Sensing Using Electrospun Halochromic Nanofibers. <i>Food Analytical Methods</i> , 2019, 12, 612-624.	2.6	25
5	Quantitative shadow compensated optical coherence tomography of choroidal vasculature. <i>Scientific Reports</i> , 2018, 8, 6461.	3.3	36
6	Dictionary-based monitoring of premature ventricular contractions: An ultra-low-cost point-of-care service. <i>Artificial Intelligence in Medicine</i> , 2018, 87, 91-104.	6.5	5
7	AGE-RELATED CHANGES IN CHOROIDAL VASCULAR DENSITY OF HEALTHY SUBJECTS BASED ON IMAGE BINARIZATION OF SWEEP-SOURCE OPTICAL COHERENCE TOMOGRAPHY. <i>Retina</i> , 2018, 38, 508-515.	1.7	38
8	Automated 2D-3D quantitative analysis of corneal graft detachment post DSAEK based on AS-OCT images. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 167, 1-12.	4.7	4
9	Amplitude-scan classification using artificial neural networks. <i>Scientific Reports</i> , 2018, 8, 12451.	3.3	5
10	Automated quantification of Haller's layer in choroid using swept-source optical coherence tomography. <i>PLoS ONE</i> , 2018, 13, e0193324.	2.5	16
11	Influence of scanning area on choroidal vascularity index measurement using optical coherence tomography. <i>Acta Ophthalmologica</i> , 2017, 95, e770-e775.	1.1	87
12	Semi-automated quantification of hard exudates in colour fundus photographs diagnosed with diabetic retinopathy. <i>BMC Ophthalmology</i> , 2017, 17, 172.	1.4	18
13	Semi-automated quantification of retinal IS/OS damage in en-face OCT image. <i>Computers in Biology and Medicine</i> , 2016, 69, 52-60.	7.0	9
14	Laser-based detection and depth estimation of dry and water-filled potholes: A geometric approach. , 2015, , .		9
15	Automated estimation of choroidal thickness distribution and volume based on OCT images of posterior visual section. <i>Computerized Medical Imaging and Graphics</i> , 2015, 46, 315-327.	5.8	68
16	Surviving wireless energy interference in RF-harvesting sensor networks: An empirical study. , 2014, , .		6
17	Implementation of multi-path energy routing. , 2014, , .		13
18	Experimental study of concurrent data and wireless energy transfer for sensor networks. , 2014, , .		42

#	ARTICLE	IF	CITATIONS
19	A hybrid Fourier/wavelet technique for improved ECG signal approximation. , 2013, , .		1
20	Experimental demonstration of multi-hop RF energy transfer. , 2013, , .		30
21	3D visualization and mapping of choroid thickness based on optical coherence tomography: A step-by-step geometric approach. , 2013, , .		1