

Edmund Arthur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3150888/publications.pdf>

Version: 2024-02-01

18
papers

229
citations

1478505

6
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing retinal biomarkers for the earliest stages of Alzheimer's disease: What we know, what we don't, and how to move forward. <i>Alzheimer's and Dementia</i> , 2020, 16, 229-243.	0.8	92
2	Investigating Multimodal Diagnostic Eye Biomarkers of Cognitive Impairment by Measuring Vascular and Neurogenic Changes in the Retina. <i>Frontiers in Physiology</i> , 2018, 9, 1721.	2.8	44
3	Distances From Capillaries to Arterioles or Venules Measured Using OCTA and AOSLO. , 2019, 60, 1833.		19
4	Postoperative Corneal and Surgically Induced Astigmatism following Superior Approach Manual Small Incision Cataract Surgery in Patients with Preoperative Against-the-Rule Astigmatism. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-7.	1.3	13
5	Portable, non-invasive video imaging of retinal blood flow dynamics. <i>Scientific Reports</i> , 2020, 10, 20236.	3.3	11
6	Subtle changes in diabetic retinas localised in 3D using <scp>OCT</scp>. <i>Ophthalmic and Physiological Optics</i> , 2018, 38, 477-491.	2.0	9
7	Central Macular Thickness in Diabetic Patients: A Sex-based Analysis. <i>Optometry and Vision Science</i> , 2019, 96, 266-275.	1.2	8
8	Safety and Tolerability of APOE Genotyping and Disclosure in Cognitively Normal Volunteers From the Butler Alzheimerâ€™s Prevention Registry. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2022, 35, 293-301.	2.3	7
9	Disruption of cholinergic neurotransmission, within a cognitive challenge paradigm, is indicative of AÎ²-related cognitive impairment in preclinical Alzheimerâ€™s disease after a 27-month delay interval. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 31.	6.2	6
10	The relationship between cerebral and retinal microbleeds in cerebral amyloid angiopathy (CAA): A pilot study. <i>Journal of the Neurological Sciences</i> , 2021, 423, 117383.	0.6	6
11	Distinguishing cognitive impairment by using singularity spectrum and lacunarity analysis of the retinal vascular network. <i>Neurophotonics</i> , 2019, 6, 1.	3.3	5
12	OCTA reveals remodeling of the peripheral capillary free zones in normal aging. <i>Scientific Reports</i> , 2021, 11, 15593.	3.3	4
13	A recommended "minimum data set" framework for SD-OCT retinal image acquisition and analysis from the Atlas of Retinal Imaging in Alzheimer's Study (ARIAS). <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12119.	2.4	3
14	Seeing the Brain Through the Eye: What Is Next for Neuroimaging and Neurology Applications. , 2020, , 55-82.		2
15	Design Considerations in Decreasing the Cost of Adaptive Optics Retinal Imaging. , 2017, , .		0
16	Simultaneous viewing of retinal stimuli during high contrast retinal imaging. <i>Journal of Vision</i> , 2017, 17, 29.	0.3	0
17	Recent Developments of Retinal Image Analysis in Alzheimerâ€™s Disease and Potential AI Applications. <i>Lecture Notes in Computer Science</i> , 2019, , 261-275.	1.3	0
18	Pediatric Neuro-Ophthalmology and OCT. , 2020, , 487-505.		0