

# Shaun M Frost

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,109  
citations

686830

13  
h-index

552369

26  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1868  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supine blood pressureâ€”A clinically relevant determinant of vascular target organ damage in hypertensive patients. <i>Journal of Clinical Hypertension</i> , 2021, 23, 44-52.	1.0	3
2	Retinal image registration using log-polar transform and robust description of bifurcation points. <i>Biomedical Signal Processing and Control</i> , 2021, 66, 102424.	3.5	3
3	Capillary vascular density in the retina of hypertensive patients is associated with a non-dipping pattern independent of mean ambulatory blood pressure. <i>Journal of Hypertension</i> , 2021, 39, 1826-1834.	0.3	9
4	Retinal capillary rarefaction is associated with arterial and kidney damage in hypertension. <i>Scientific Reports</i> , 2021, 11, 1001.	1.6	13
5	Microvascular changes at different stages of chronic kidney disease. <i>Journal of Clinical Hypertension</i> , 2021, 23, 309-316.	1.0	5
6	Deep learning segmentation of hyperautofluorescent fleck lesions in Stargardt disease. <i>Scientific Reports</i> , 2020, 10, 16491.	1.6	20
7	Morphometric Changes to Corneal Dendritic Cells in Individuals With Mild Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 2020, 14, 556137.	1.4	20
8	Effect of Pupil Dilation with Tropicamide on Retinal Vascular Caliber. <i>Ophthalmic Epidemiology</i> , 2019, 26, 400-407.	0.8	10
9	Major automatic diabetic retinopathy screening systems and related core algorithms: a review. <i>Machine Vision and Applications</i> , 2019, 30, 423-446.	1.7	19
10	Robust optic disc and cup segmentation with deep learning for glaucoma detection. <i>Computerized Medical Imaging and Graphics</i> , 2019, 74, 61-71.	3.5	128
11	Performance Evaluation of State-of-the-Art Local Feature Detectors and Descriptors in the Context of Longitudinal Registration of Retinal Images. <i>Journal of Medical Systems</i> , 2018, 42, 57.	2.2	13
12	Alzheimerâ€™s Disease: A Journey from Amyloid Peptides and Oxidative Stress, to Biomarker Technologies and Disease Prevention Strategiesâ€”Gains from AIBL and DIAN Cohort Studies. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 965-992.	1.2	96
13	Ocular Biomarkers of Alzheimer's Disease: The Role of Anterior Eye and Potential Future Directions. , 2018, 59, 3554.		22
14	Utility of Ward-Based Retinal Photography in Stroke Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 600-607.	0.7	3
15	Evaluation of Cholinergic Deficiency in Preclinical Alzheimerâ€™s Disease Using Pupillometry. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-8.	0.6	29
16	Modulation of Retinal Arteriolar Central Reflection by APOE Genotype. <i>Current Alzheimer Research</i> , 2017, 14, 916-923.	0.7	8
17	A Two-Step Approach for Longitudinal Registration of Retinal Images. <i>Journal of Medical Systems</i> , 2016, 40, 277.	2.2	24
18	Detection and measurement of retinal blood vessel pulsatile motion. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Alzheimer's Disease and the Early Signs of Age-Related Macular Degeneration. Current Alzheimer Research, 2016, 13, 1259-1266.	0.7	42
20	Innovative diagnostic tools for early detection of Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 561-578.	0.4	213
21	Ocular biomarkers for neurodegenerative and systemic disease. Medical Journal of Australia, 2014, 201, 128-128.	0.8	4
22	O3-13-01: RETINAL AMYLOID FLUORESCENCE IMAGING PREDICTS CEREBRAL AMYLOID BURDEN AND ALZHEIMER'S DISEASE. , 2014, 10, P234-P235.		25
23	Development and Reliability of Retinal Arteriolar Central Light Reflex Quantification System: A New Approach for Severity Grading. Investigative Ophthalmology and Visual Science, 2014, 55, 7975-7981.	3.3	5
24	Retinal vascular biomarkers for early detection and monitoring of Alzheimer's disease. Translational Psychiatry, 2013, 3, e233-e233.	2.4	230
25	Pupil Response Biomarkers Distinguish Amyloid Precursor Protein Mutation Carriers from Non-Carriers. Current Alzheimer Research, 2013, 10, 790-796.	0.7	30
26	Pupil Response Biomarkers for Early Detection and Monitoring of Alzheimer's Disease. Current Alzheimer Research, 2013, 10, 931-939.	0.7	26
27	Retinal image enhancement and registration for the evaluation of longitudinal changes. Proceedings of SPIE, 2012, , .	0.8	3
28	Retinal image registration and comparison for clinical decision support. Australasian Medical Journal, 2012, 5, 507-12.	0.1	5
29	Ocular Biomarkers for Early Detection of Alzheimer's Disease. Journal of Alzheimer's Disease, 2010, 22, 1-16.	1.2	101
30	<title>Empirical testing procedure to determine chemical pollutant detection limits for a new thermal imaging Fourier transform spectrometer</title>. , 2002, , .		0