

# Graham Dinsdale MPhys

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

533  
citations

623188

14  
h-index

676716

22  
g-index

37  
all docs

37  
docs citations

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times ranked

550  
citing authors

#	ARTICLE	IF	CITATIONS
1	OA08â€fDevelopment of an automated deep learning-based system for distinguishing between â€systemic sclerosis' and â€normal' capillaries. Rheumatology, 2022, 61, .	0.9	0
2	P228â€fMobile phone thermal imaging as an ambulatory assessment tool in Raynaudâ€™s phenomenon. Rheumatology, 2022, 61, .	0.9	0
3	Imaging digital arteries in systemic sclerosis by tomographic 3-dimensional ultrasound. Rheumatology International, 2021, 41, 1089-1096.	1.5	4
4	The influence of hydration and heating on visualisation of nailfold capillaries in patients with systemic sclerosis. Microvascular Research, 2021, 136, 104170.	1.1	0
5	Corrigendum to: Systemic sclerosis-related digital ulcers; a pilot study of cutaneous oxygenation and perfusion. Rheumatology, 2021, 60, 2490-2490.	0.9	0
6	Three-dimensional optoacoustic imaging of nailfold capillaries in systemic sclerosis and its potential for disease differentiation using deep learning. Scientific Reports, 2020, 10, 16444.	1.6	19
7	Comparison between low cost USB nailfold capillaroscopy and videocapillaroscopy: a pilot study. Rheumatology, 2020, 60, 3862-3867.	0.9	12
8	Systemic sclerosis-related digital ulcers; a pilot study of cutaneous oxygenation and perfusion. Rheumatology, 2020, 59, 3573-3575.	0.9	3
9	A pilot study of cutaneous oxygenation and perfusion in systemic sclerosisâ€related digital calcinosis. Rheumatology, 2020, 59, 3109-3111.	0.9	8
10	State-of-the-art technologies provide new insights linking skin and blood vessel abnormalities in SSc-related disorders. Microvascular Research, 2020, 130, 104006.	1.1	9
11	New perspectives in the imaging of Raynaudâ€™s phenomenon. European Journal of Rheumatology, 2020, 7, 212-221.	1.3	21
12	Do thermographic parameters help to classify patients with early systemic sclerosis?. Rheumatology, 2019, 58, 1105-1106.	0.9	1
13	Nailfold capillaroscopyâ€how many fingers should be examined to detect abnormality?. Rheumatology, 2019, 58, 284-288.	0.9	19
14	A Multicenter Study of the Validity and Reliability of Responses to Hand Cold Challenge as Measured by Laser Speckle Contrast Imaging and Thermography. Arthritis and Rheumatology, 2018, 70, 903-911.	2.9	65
15	Longitudinal nailfold capillaroscopy tracking of microangiopathic changes in systemic sclerosis. Rheumatology, 2018, 57, 1554-1554.	0.9	1
16	Automated structure and flow measurement â€ a promising tool in nailfold capillaroscopy. Microvascular Research, 2018, 118, 173-177.	1.1	23
17	The assessment of nailfold capillaries: comparison of dermoscopy and nailfold videocapillaroscopy. Rheumatology, 2018, 57, 1115-1116.	0.9	18
18	Patterns and predictors of skin score change in early diffuse systemic sclerosis from the European Scleroderma Observational Study. Annals of the Rheumatic Diseases, 2018, 77, 563-570.	0.5	50

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19	Tracking digital ulcers in systemic sclerosis: a feasibility study assessing lesion area in patient-recorded smartphone photographs. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, 1382-1384.	0.5	12
20	Automated analysis of nailfold images from handheld devices. <i>Rheumatology</i> , 2018, 57, .	0.9	0
21	Dermscopy versus videocapillaroscopy in the assessment of nailfold capillaroscopy images in patients with systemic sclerosis and healthy controls. <i>Rheumatology</i> , 2018, 57, .	0.9	0
22	Quantifying Digital Ulcers in Systemic Sclerosis: Reliability of Computer-Assisted Planimetry in Measuring Lesion Size. <i>Arthritis Care and Research</i> , 2018, 70, 486-490.	1.5	10
23	Intra-and inter-observer reliability of nailfold videocapillaroscopy – A possible outcome measure for systemic sclerosis-related microangiopathy. <i>Microvascular Research</i> , 2017, 112, 1-6.	1.1	31
24	Quantitative outcome measures for systemic sclerosis-related Microangiopathy – Reliability of image acquisition in Nailfold Capillaroscopy. <i>Microvascular Research</i> , 2017, 113, 56-59.	1.1	23
25	Novel light treatment for digital ulcers in systemic sclerosis: a feasibility study. <i>Lancet, The</i> , 2017, 389, S49.	6.3	0
26	An international Survey on non-invasive techniques to assess the microcirculation in patients with Raynaud's phenomenon (SUNSHINE survey). <i>Rheumatology International</i> , 2017, 37, 1879-1890.	1.5	33
27	Non-invasive Imaging of Localised Scleroderma for Assessment of Skin Blood Flow and Structure. <i>Acta Dermato-Venereologica</i> , 2016, 96, 641-644.	0.6	18
28	Imaging the Microcirculation. <i>Microcirculation</i> , 2016, 23, 335-336.	1.0	1
29	Thermographic Abnormalities are Associated with Future Digital Ulcers and Death in Patients with Systemic Sclerosis. <i>Journal of Rheumatology</i> , 2016, 43, 1519-1522.	1.0	19
30	Improved Diagnosis of Systemic Sclerosis Using Nailfold Capillary Flow. <i>Lecture Notes in Computer Science</i> , 2016, , 344-352.	1.0	3
31	Pilot study assessing pathophysiology and healing of digital ulcers in patients with systemic sclerosis using laser Doppler imaging and thermography. <i>Clinical and Experimental Rheumatology</i> , 2016, 34 Suppl 100, 100-105.	0.4	9
32	A study comparing videocapillaroscopy and dermoscopy in the assessment of nailfold capillaries in patients with systemic sclerosis – spectrum disorders. <i>Rheumatology</i> , 2015, 54, 1435-1442.	0.9	60
33	Whole finger iontophoresis of sodium nitroprusside to increase blood flow in patients with systemic sclerosis: Influence of concentration. <i>International Journal of Pharmaceutics</i> , 2015, 490, 446-449.	2.6	5
34	An Automated System for Detecting and Measuring Nailfold Capillaries. <i>Lecture Notes in Computer Science</i> , 2014, 17, 658-665.	1.0	18
35	A comparison of intense pulsed light and laser treatment of telangiectases in patients with systemic sclerosis: a within-subject randomized trial. <i>Rheumatology</i> , 2014, 53, 1422-1430.	0.9	25
36	A liquid-based skin and blood flow model for Doppler optical coherence tomography imaging. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0

#	ARTICLE	IF	CITATIONS
37	Vascular diagnostics for Raynaud's phenomenon. Journal of Vascular Diagnostics, 0, , 127.	0.2	13