

# Kevin J Howell

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,278  
citations

304743

22  
h-index

243625

44  
g-index

48  
all docs

48  
docs citations

48  
times ranked

2055  
citing authors

#	ARTICLE	IF	CITATIONS
1	Losartan therapy for Raynaud's phenomenon and scleroderma: Clinical and biochemical findings in a fifteen-week, randomized, parallel-group, controlled trial. <i>Arthritis and Rheumatism</i> , 1999, 42, 2646-2655.	6.7	274
2	Thermographic imaging in sports and exercise medicine: A Delphi study and consensus statement on the measurement of human skin temperature. <i>Journal of Thermal Biology</i> , 2017, 69, 155-162.	2.5	225
3	Treatment of Raynaud's phenomenon with the selective serotonin reuptake inhibitor fluoxetine. <i>Rheumatology</i> , 2001, 40, 1038-1043.	1.9	214
4	Shared expression of phenotypic markers in systemic sclerosis indicates a convergence of pericytes and fibroblasts to a myofibroblast lineage in fibrosis. <i>Arthritis Research and Therapy</i> , 2005, 7, R1113.	3.5	198
5	Evaluation of methotrexate and corticosteroids for the treatment of localized scleroderma (morphoea) in children. <i>British Journal of Dermatology</i> , 2006, 155, 1013-1020.	1.5	180
6	Microvascular imaging: techniques and opportunities for clinical physiological measurements. <i>Physiological Measurement</i> , 2014, 35, R91-R141.	2.1	160
7	Juvenile-onset localized scleroderma activity detection by infrared thermography. <i>British Journal of Rheumatology</i> , 2002, 41, 1178-1182.	2.3	107
8	Comparison of laser doppler perfusion imaging, laser doppler flowmetry, and thermographic imaging for assessment of blood flow in human skin. <i>European Journal of Vascular Surgery</i> , 1994, 8, 65-69.	0.9	91
9	Laser Doppler flowmetry for assessing localized scleroderma in children. <i>Arthritis and Rheumatism</i> , 2007, 56, 3489-3495.	6.7	84
10	Probucol improves symptoms and reduces lipoprotein oxidation susceptibility in patients with Raynaud's phenomenon. <i>British Journal of Rheumatology</i> , 1999, 38, 309-315.	2.3	81
11	Infrared Thermography: Current Applications in Equine Medicine. <i>Journal of Equine Veterinary Science</i> , 2018, 60, 90-96.e2.	0.9	69
12	A Multicenter Study of the Validity and Reliability of Responses to Hand Cold Challenge as Measured by Laser Speckle Contrast Imaging and Thermography. <i>Arthritis and Rheumatology</i> , 2018, 70, 903-911.	5.6	65
13	Novel Mutations Mapping to the Fourth Sodium Channel Domain of Nav1.7 Result in Variable Clinical Manifestations of Primary Erythromelalgia. <i>NeuroMolecular Medicine</i> , 2013, 15, 265-278.	3.4	56
14	Use of thermographic criteria to identify Raynaud's phenomenon in a population setting. <i>Journal of Rheumatology</i> , 2003, 30, 720-2.	2.0	32
15	Impact of Hallmark Autoantibody Reactivity on Early Diagnosis in Scleroderma. <i>Clinical Reviews in Allergy and Immunology</i> , 2012, 43, 249-255.	6.5	31
16	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.	2.5	31
17	Chilblain-like acral lesions in long COVID-19: management and implications for understanding microangiopathy. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 912.	9.1	28
18	Validation of a protocol for the assessment of skin temperature and blood flow in childhood localised scleroderma. <i>Skin Research and Technology</i> , 2009, 15, 346-356.	1.6	27

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19	In-Field-of-View Thermal Image Calibration System for Medical Thermography Applications. <i>International Journal of Thermophysics</i> , 2008, 29, 1123-1130.	2.1	26
20	The effect of ambient temperature on infrared thermographic images of joints in the distal forelimbs of healthy racehorses. <i>Journal of Thermal Biology</i> , 2017, 66, 63-67.	2.5	26
21	Thermographic Evaluation of Racehorse Performance. <i>Journal of Equine Veterinary Science</i> , 2014, 34, 1076-1083.	0.9	24
22	Quantitative outcome measures for systemic sclerosis-related Microangiopathy – Reliability of image acquisition in Nailfold Capillaroscopy. <i>Microvascular Research</i> , 2017, 113, 56-59.	2.5	23
23	Heritability of Raynaud's phenomenon and vascular responsiveness to cold: A study of adult female twins. <i>Arthritis and Rheumatism</i> , 2007, 57, 524-528.	6.7	22
24	Maximum Eye Temperature in the Assessment of Training in Racehorses: Correlations With Salivary Cortisol Concentration, Rectal Temperature, and Heart Rate. <i>Journal of Equine Veterinary Science</i> , 2016, 45, 39-45.	0.9	19
25	Nailfold capillaroscopy – how many fingers should be examined to detect abnormality?. <i>Rheumatology</i> , 2019, 58, 284-288.	1.9	19
26	The assessment of nailfold capillaries: comparison of dermoscopy and nailfold videocapillaroscopy. <i>Rheumatology</i> , 2018, 57, 1115-1116.	1.9	18
27	Prospective evaluation of treatment response and disease reversibility of paediatric localized scleroderma (morphoea) to steroids and methotrexate using multi-modal imaging. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 1609-1616.	2.4	17
28	Thermal camera performance and image analysis repeatability in equine thermography. <i>Infrared Physics and Technology</i> , 2020, 110, 103447.	2.9	16
29	A Pilot Study Into the Utility of Dynamic Infrared Thermography for Measuring Body Surface Temperature Changes During Treadmill Exercise in Horses. <i>Journal of Equine Veterinary Science</i> , 2018, 62, 44-46.	0.9	15
30	Assessment of Saddle Fit in Racehorses Using Infrared Thermography. <i>Journal of Equine Veterinary Science</i> , 2018, 63, 30-34.	0.9	15
31	Optimisation of botulinum toxin type a treatment for the management of Raynaud's phenomenon using a dorsal approach: a prospective case series. <i>Clinical Rheumatology</i> , 2019, 38, 3669-3676.	2.2	15
32	Clinical features and management of erythromelalgia: long term follow-up of 46 cases. <i>Clinical and Experimental Rheumatology</i> , 2017, 35, 80-84.	0.8	12
33	Diffuse cutaneous systemic sclerosis following SARS-Co V-2 vaccination. <i>Journal of Autoimmunity</i> , 2022, 128, 102812.	6.5	12
34	The influence of breed, age, gender, training level and ambient temperature on forelimb and back temperature in racehorses. <i>Animal Science Journal</i> , 2017, 88, 347-355.	1.4	11
35	Comparison of the Effect of High-Intensity Laser Therapy (HILT) on Skin Surface Temperature and Vein Diameter in Pigmented and Non-Pigmented Skin in Healthy Racehorses. <i>Animals</i> , 2021, 11, 1965.	2.3	9
36	A case of Myhre syndrome mimicking juvenile scleroderma. <i>Pediatric Rheumatology</i> , 2020, 18, 72.	2.1	6

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37	Changes in Body Surface Temperature Associated with High-Speed Treadmill Exercise in Beagle Dogs Measured by Infrared Thermography. <i>Animals</i> , 2021, 11, 2982.	2.3	5
38	Morphea (Localized Scleroderma). <i>Journal of Pediatrics</i> , 2007, 150, 560.	1.8	4
39	Photothermal Effects of High-Intensity Laser Therapy on the Superficial Digital Flexor Tendon Area in Clinically Healthy Racehorses. <i>Animals</i> , 2022, 12, 1253.	2.3	3
40	Focus collection on Thermal Imaging in Medicine. <i>Physiological Measurement</i> , 2019, 40, 100301.	2.1	2
41	The Application of Infrared Thermography in Equestrian Sport. <i>Biological and Medical Physics Series</i> , 2017, , 265-296.	0.4	2
42	Autologous fat transfer in the successful treatment of upper limb linear morphea. <i>Clinical and Experimental Rheumatology</i> , 2018, 36 Suppl 113, 183.	0.8	2
43	Comparison between the thermal insulation properties of Huacayo alpaca and Merino sheep fleeces. <i>Veterinarski Arhiv</i> , 2019, 89, 519-528.	0.3	1
44	Multimodal image registration for potential diagnosis and monitoring of morphea using a hybrid NGC method. , 2016, , .		0
45	051.â€fQUANTITATIVE OUTCOME MEASURES FOR SYSTEMIC SCLEROSISâ€RELATED MICROANGIOPATHY: RELIABILITY OF IMAGE ACQUISITION IN NAILFOLD CAPILLAROSCOPY. <i>Rheumatology</i> , 2017, 56, .	1.9	0
46	159â€fDermoscopy versus videocapillaroscopy in the assessment of nailfold capillaroscopy images in patients with systemic sclerosis and healthy controls. <i>Rheumatology</i> , 2018, 57, .	1.9	0
47	Physiological Changes of the Horse Musculoskeletal System During Physiological Effort Measured by Infrared Thermography. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2018, , 1011-1014.	0.5	0