Sicco A Bus

List of Publications by Year
in descending order

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Version: 2024-02-01

126 papers	9,949 citations	46918 47 h-index	39575 94 g-index
128 all docs	128 docs citations	128 times ranked	5108 citing authors

#	Article	IF	Citations
1	Diabetic Foot Ulcers and Their Recurrence. New England Journal of Medicine, 2017, 376, 2367-2375.	13.9	2,139
2	Practical Guidelines on the prevention and management of diabetic foot disease (IWGDF 2019 update). Diabetes/Metabolism Research and Reviews, 2020, 36, e3266.	1.7	442
3	Five year mortality and direct costs of care for people with diabetic foot complications are comparable to cancer. Journal of Foot and Ankle Research, 2020, 13, 16.	0.7	364
4	Guidelines on the prevention of foot ulcers in persons with diabetes (IWGDF 2019 update). Diabetes/Metabolism Research and Reviews, 2020, 36, e3269.	1.7	276
5	Prevention of foot ulcers in the atâ€risk patient with diabetes: a systematic review. Diabetes/Metabolism Research and Reviews, 2016, 32, 84-98.	1.7	244
6	IWGDF guidance on the prevention of foot ulcers in atâ€risk patients with diabetes. Diabetes/Metabolism Research and Reviews, 2016, 32, 16-24.	1.7	226
7	Pressure relief and load redistribution by custom-made insoles in diabetic patients with neuropathy and foot deformity. Clinical Biomechanics, 2004, 19, 629-638.	0.5	221
8	Effect of Custom-Made Footwear on Foot Ulcer Recurrence in Diabetes. Diabetes Care, 2013, 36, 4109-4116.	4.3	216
9	Footwear and offloading interventions to prevent and heal foot ulcers and reduce plantar pressure in patients with diabetes: a systematic review. Diabetes/Metabolism Research and Reviews, 2016, 32, 99-118.	1.7	204
10	Definitions and criteria for diabetic foot disease. Diabetes/Metabolism Research and Reviews, 2020, 36, e3268.	1.7	203
11	The effectiveness of footwear and offloading interventions to prevent and heal foot ulcers and reduce plantar pressure in diabetes: a systematic review. Diabetes/Metabolism Research and Reviews, 2008, 24, S162-S180.	1.7	200
12	Risk Factors for Plantar Foot Ulcer Recurrence in Neuropathic Diabetic Patients. Diabetes Care, 2014, 37, 1697-1705.	4.3	193
13	A comparison of the 1-step, 2-step, and 3-step protocols for obtaining barefoot plantar pressure data in the diabetic neuropathic foot. Clinical Biomechanics, 2005, 20, 892-899.	0.5	180
14	Intrinsic Muscle Atrophy and Toe Deformity in the Diabetic Neuropathic Foot: A magnetic resonance imaging study. Diabetes Care, 2002, 25, 1444-1450.	4.3	174
15	IWGDF guidance on footwear and offloading interventions to prevent and heal foot ulcers in patients with diabetes. Diabetes/Metabolism Research and Reviews, 2016, 32, 25-36.	1.7	153
16	A shift in priority in diabetic foot care and research: 75% of foot ulcers are preventable. Diabetes/Metabolism Research and Reviews, 2016, 32, 195-200.	1.7	153
17	Guidelines on the classification of diabetic foot ulcers (IWGDF 2019). Diabetes/Metabolism Research and Reviews, 2020, 36, e3273.	1.7	151
18	Reporting standards of studies and papers on the prevention and management of foot ulcers in diabetes: required details and markers of good quality. Lancet Diabetes and Endocrinology,the, 2016, 4, 781-788.	5.5	149

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19	Elevated plantar pressures in neuropathic diabetic patients with claw/hammer toe deformity. Journal of Biomechanics, 2005, 38, 1918-1925.	0.9	141
20	Guidelines on offloading foot ulcers in persons with diabetes (IWGDF 2019 update). Diabetes/Metabolism Research and Reviews, 2020, 36, e3274.	1.7	127
21	Adherence to Wearing Prescription Custom-Made Footwear in Patients With Diabetes at High Risk for Plantar Foot Ulceration. Diabetes Care, 2013, 36, 1613-1618.	4.3	126
22	Plantar pressures in diabetic patients with foot ulcers which have remained healed. Diabetic Medicine, 2009, 26, 1141-1146.	1.2	125
23	Evaluation and Optimization of Therapeutic Footwear for Neuropathic Diabetic Foot Patients Using In-Shoe Plantar Pressure Analysis. Diabetes Care, 2011, 34, 1595-1600.	4.3	116
24	Off-loading the diabetic foot for ulcer prevention and healing. Journal of Vascular Surgery, 2010, 52, 37S-43S.	0.6	110
25	Plantar Fat-Pad Displacement in Neuropathic Diabetic Patients With Toe Deformity: A magnetic resonance imaging study. Diabetes Care, 2004, 27, 2376-2381.	4.3	108
26	Automatic detection of diabetic foot complications with infrared thermography by asymmetric analysis. Journal of Biomedical Optics, 2015, 20, 026003.	1.4	106
27	Infrared Thermal Imaging for Automated Detection of Diabetic Foot Complications. Journal of Diabetes Science and Technology, 2013, 7, 1122-1129.	1.3	103
28	Ground Reaction Forces and Kinematics in Distance Running in Older-Aged Men. Medicine and Science in Sports and Exercise, 2003, 35, 1167-1175.	0.2	94
29	Unresolved issues in the management of ulcers of the foot in diabetes. Diabetic Medicine, 2008, 25, 1380-1389.	1.2	90
30	The Role of Pressure Offloading on Diabetic Foot Ulcer Healing and Prevention of Recurrence. Plastic and Reconstructive Surgery, 2016, 138, 179S-187S.	0.7	90
31	Twelve steps per foot are recommended for valid and reliable in-shoe plantar pressure data in neuropathic diabetic patients wearing custom made footwear. Clinical Biomechanics, 2011, 26, 880-884.	0.5	85
32	Diagnostic Values for Skin Temperature Assessment to Detect Diabetes-Related Foot Complications. Diabetes Technology and Therapeutics, 2014, 16, 714-721.	2.4	84
33	Diabetic Foot Australia guideline on footwear for people with diabetes. Journal of Foot and Ankle Research, 2018, 11, 2.	0.7	83
34	Measuring Plantar Tissue Stress in People With Diabetic Peripheral Neuropathy: A Critical Concept in Diabetic Foot Management. Journal of Diabetes Science and Technology, 2019, 13, 869-880.	1.3	79
35	Prevention of foot ulcers in the atâ€risk patient with diabetes: a systematic review. Diabetes/Metabolism Research and Reviews, 2020, 36, e3270.	1.7	79
36	Role of Intrinsic Muscle Atrophy in the Etiology of Claw Toe Deformity in Diabetic Neuropathy May Not Be as Straightforward as Widely Believed. Diabetes Care, 2009, 32, 1063-1067.	4.3	73

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37	Priorities in offloading the diabetic foot. Diabetes/Metabolism Research and Reviews, 2012, 28, 54-59.	1.7	73
38	Plantar pressure relief in the diabetic foot using forefoot offloading shoes. Gait and Posture, 2009, 29, 618-622.	0.6	72
39	Diabetic foot ulcer classifications: A critical review. Diabetes/Metabolism Research and Reviews, 2020, 36, e3272.	1.7	70
40	Effectiveness of offloading interventions to heal foot ulcers in persons with diabetes: a systematic review. Diabetes/Metabolism Research and Reviews, 2020, 36, e3275.	1.7	68
41	Off-loading the Diabetic Foot for Ulcer Prevention and Healing. Journal of the American Podiatric Medical Association, 2010, 100, 360-368.	0.2	66
42	Predictors of Barefoot Plantar Pressure during Walking in Patients with Diabetes, Peripheral Neuropathy and a History of Ulceration. PLoS ONE, 2015, 10, e0117443.	1.1	65
43	Off-Loading the Diabetic Foot for Ulcer Prevention and Healing. Plastic and Reconstructive Surgery, 2011, 127, 248S-256S.	0.7	62
44	New Monitoring Technology to Objectively Assess Adherence to Prescribed Footwear and Assistive Devices During Ambulatory Activity. Archives of Physical Medicine and Rehabilitation, 2012, 93, 2075-2079.	0.5	57
45	The future for diabetic foot ulcer prevention: A paradigm shift from stratified healthcare towards personalized medicine. Diabetes/Metabolism Research and Reviews, 2020, 36, e3234.	1.7	57
46	Innovations in plantar pressure and foot temperature measurements in diabetes. Diabetes/Metabolism Research and Reviews, 2016, 32, 221-226.	1.7	52
47	Pressureâ€reduction and preservation in customâ€made footwear of patients with diabetes and a history of plantar ulceration. Diabetic Medicine, 2012, 29, 1542-1549.	1.2	51
48	An Explorative Study on the Efficacy and Feasibility of the Use of Motivational Interviewing to Improve Footwear Adherence in Persons with Diabetes at High Risk for Foot Ulceration. Journal of the American Podiatric Medical Association, 2018, 108, 90-99.	0.2	49
49	Standards for the development and methodology of the 2019 International Working Group on the Diabetic Foot guidelines. Diabetes/Metabolism Research and Reviews, 2020, 36, e3267.	1.7	49
50	The interdependency of peak pressure and pressureâ€“time integral in pressure studies on diabetic footwear: No need to report both parameters. Gait and Posture, 2012, 35, 1-5.	0.6	48
51	Assessment of Signs of Foot Infection in Diabetes Patients Using Photographic Foot Imaging and Infrared Thermography. Diabetes Technology and Therapeutics, 2014, 16, 370-377.	2.4	48
52	Perceived usability and use of custom-made footwear in diabetic patients at high risk for foot ulceration. Journal of Rehabilitation Medicine, 2014, 46, 357-362.	0.8	47
53	Dataâ€driven directions for effective footwear provision for the highâ€risk diabetic foot. Diabetic Medicine, 2015, 32, 790-797.	1.2	45
54	A comparison of foot/ground interaction during stair negotiation and level walking in young and older women. Ergonomics, 2005, 48, 1047-1056.	1.1	44

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55	Telehealth and telemedicine applications for the diabetic foot: A systematic review. Diabetes/Metabolism Research and Reviews, 2020, 36, e3247.	1.7	44
56	Foot structure and footwear prescription in diabetes mellitus. Diabetes/Metabolism Research and Reviews, 2008, 24, S90-S95.	1.7	43
57	An explorative study on the validity of various definitions of a 2Â·2Â°C temperature threshold as warning signal for impending diabetic foot ulceration. International Wound Journal, 2017, 14, 1346-1351.	1.3	39
58	Specific guidelines on footwear and offloading. Diabetes/Metabolism Research and Reviews, 2008, 24, S192-S193.	1.7	38
59	The value of reporting pressureâ€“time integral data in addition to peak pressure data in studies on the diabetic foot: A systematic review. Clinical Biomechanics, 2013, 28, 117-121.	0.5	38
60	Treatment of modifiable risk factors for foot ulceration in persons with diabetes: a systematic review. Diabetes/Metabolism Research and Reviews, 2020, 36, e3271.	1.7	38
61	A candidate core set of outcome measures based on the international classification of functioning, disability and health for clinical studies on lower limb orthoses. Prosthetics and Orthotics International, 2011, 35, 269-277.	0.5	37
62	Offloading effect of therapeutic footwear in patients with diabetic neuropathy at high risk for plantar foot ulceration. Diabetic Medicine, 2012, 29, 1534-1541.	1.2	37
63	Infrared dermal thermography on diabetic feet soles to predict ulcerations: a case study. , 2013, , .		36
64	The efficacy of removable devices to offload and heal neuropathic plantar forefoot ulcers in people with diabetes: a singleâ€blinded multicentre randomised controlled trial. International Wound Journal, 2018, 15, 65-74.	1.3	36
65	Effect of Single Dose of RANKL Antibody Treatment on Acute Charcot Neuro-osteoarthropathy of the Foot. Diabetes Care, 2018, 41, e21-e22.	4.3	35
66	Ankle-foot orthoses that restrict dorsiflexion improve walking in polio survivors with calf muscle weakness. Gait and Posture, 2014, 40, 391-398.	0.6	33
67	State of the art design protocol for custom made footwear for people with diabetes and peripheral neuropathy. Diabetes/Metabolism Research and Reviews, 2020, 36, e3237.	1.7	32
68	Motivational interviewing to improve adherence behaviours for the prevention of diabetic foot ulceration. Diabetes/Metabolism Research and Reviews, 2019, 35, e3105.	1.7	30
69	An exploratory study on differences in cumulative plantar tissue stress between healing and non-healing plantar neuropathic diabetic foot ulcers. Clinical Biomechanics, 2018, 53, 86-92.	0.5	28
70	Effects of a foot strengthening program on foot muscle morphology and running mechanics: A proof-of-concept, single-blind randomized controlled trial. Physical Therapy in Sport, 2020, 42, 107-115.	0.8	28
71	Lowerâ€limb amputation following foot ulcers in patients with diabetes: classification systems, external validation and comparative analysis. Diabetes/Metabolism Research and Reviews, 2015, 31, 515-529.	1.7	27
72	Gait patterns in association with underlying impairments in polio survivors with calf muscle weakness. Gait and Posture, 2017, 58, 146-153.	0.6	27

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73	Validity and reproducibility of the Functional Gait Assessment in persons after stroke. Clinical Rehabilitation, 2019, 33, 94-103.	1.0	26
74	Effectiveness of at-home skin temperature monitoring in reducing the incidence of foot ulcer recurrence in people with diabetes: a multicenter randomized controlled trial (DIATEMP). BMJ Open Diabetes Research and Care, 2021, 9, e002392.	1.2	25
75	Telemedical home-monitoring of diabetic foot disease using photographic foot imaging â€“ a feasibility study. Journal of Telemedicine and Telecare, 2012, 18, 32-36.	1.4	24
76	The efficacy of a removable vacuum-cushioned cast replacement system in reducing plantar forefoot pressures in diabetic patients. Clinical Biomechanics, 2009, 24, 459-464.	0.5	23
77	The Validity and Reliability of Diagnosing Foot Ulcers and Pre-Ulcerative Lesions in Diabetes Using Advanced Digital Photography. Diabetes Technology and Therapeutics, 2010, 12, 1011-1017.	2.4	22
78	Protocol for evaluating the effects of a foot-ankle therapeutic exercise program on daily activity, foot-ankle functionality, and biomechanics in people with diabetic polyneuropathy: a randomized controlled trial. BMC Musculoskeletal Disorders, 2018, 19, 400.	0.8	22
79	Geospatial mapping and data linkage uncovers variability in outcomes of foot disease according to multiple deprivation: a population cohort study of people with diabetes. Diabetologia, 2020, 63, 659-667.	2.9	22
80	Assessment of foot disease in the home environment of diabetic patients using a new photographic foot imaging device. Journal of Medical Engineering and Technology, 2010, 34, 43-50.	0.8	21
81	Diabetic foot disease: â€œThe Times They are A Changinâ€™ â€•. Diabetes/Metabolism Research and Reviews, 2020, 36, e3249.	1.7	21
82	Optimizing footwear for the diabetic foot: Data-driven custom-made footwear concepts and their effect on pressure relief to prevent diabetic foot ulceration. PLoS ONE, 2020, 15, e0224010.	1.1	21
83	Reproducibility of foot structure measurements in neuropathic diabetic patients using magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2006, 24, 25-32.	1.9	20
84	Infrared thermography for monitoring severity and treatment of diabetic foot infections. Vascular Biology (Bristol, England), 2020, 2, 1-10.	1.2	20
85	The cost-effectiveness and cost-utility of at-home infrared temperature monitoring in reducing the incidence of foot ulcer recurrence in patients with diabetes (DIATEMP): study protocol for a randomized controlled trial. Trials, 2018, 19, 520.	0.7	19
86	The Role of Foot-Loading Factors and Their Associations with Ulcer Development and Ulcer Healing in People with Diabetes: A Systematic Review. Journal of Clinical Medicine, 2020, 9, 3591.	1.0	17
87	Lower-extremity dynamics of walking in neuropathic diabetic patients who wear a forefoot-offloading shoe. Clinical Biomechanics, 2017, 50, 21-26.	0.5	16
88	Stiffness modification of two ankleâ€foot orthosis types to optimize gait in individuals with nonâ€spastic calf muscle weakness â€“ a proofâ€ofâ€concept study. Journal of Foot and Ankle Research, 2019, 12, 41.	0.7	16
89	In-shoe plantar pressure measurements for the evaluation and adaptation of foot orthoses in patients with rheumatoid arthritis: A proof of concept study. Gait and Posture, 2016, 45, 45-50.	0.6	15
90	Effects of a therapeutic foot exercise program on injury incidence, foot functionality and biomechanics in long-distance runners: Feasibility study for a randomized controlled trial. Physical Therapy in Sport, 2018, 34, 216-226.	0.8	15

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91	Statistical analysis of spectral data: a methodology for designing an intelligent monitoring system for the diabetic foot. Journal of Biomedical Optics, 2013, 18, 126004.	1.4	14
92	Effect of different casting design characteristics on offloading the diabetic foot. Gait and Posture, 2018, 64, 90-94.	0.6	13
93	Recurrence rates suggest delayed identification of plantar ulceration for patients in diabetic foot remission. BMJ Open Diabetes Research and Care, 2020, 8, e001697.	1.2	13
94	Biceps brachii can add to performance of tasks requiring supination in cerebral palsy patients. Journal of Electromyography and Kinesiology, 2013, 23, 516-522.	0.7	12
95	Gait training assisted by multi-channel functional electrical stimulation early after stroke: study protocol for a randomized controlled trial. Trials, 2016, 17, 477.	0.7	11
96	Concurrent validity and reliability of a low-cost gait analysis system for assessment of spatiotemporal gait parameters. Journal of Rehabilitation Medicine, 2019, 51, 456-463.	0.8	11
97	Foot ulcer recurrence, plantar pressure and footwear adherence in people with diabetes and Charcot midfoot deformity: A cohort analysis. Diabetic Medicine, 2021, 38, e14438.	1.2	11
98	Feasibility and Preliminary Efficacy of a Foot-Ankle Exercise Program Aiming to Improve Foot-Ankle Functionality and Gait Biomechanics in People with Diabetic Neuropathy: A Randomized Controlled Trial. Sensors, 2020, 20, 5129.	2.1	10
99	Effect of a carbon reinforcement for maximizing shoe outsole bending stiffness on plantar pressure and walking comfort in people with diabetes at high risk of foot ulceration. Gait and Posture, 2021, 86, 341-345.	0.6	10
100	Preventing foot ulcers in diabetes using plantar pressure feedback. The Lancet Digital Health, 2019, 1, e250-e251.	5.9	9
101	Custom-made footwear designed for indoor use increases short-term and long-term adherence in people with diabetes at high ulcer risk. BMJ Open Diabetes Research and Care, 2022, 10, e002593.	1.2	9
102	Biomechanical and musculoskeletal changes after flexor tenotomy to reduce the risk of diabetic neuropathic toe ulcer recurrence. Diabetic Medicine, 2022, 39, e14761.	1.2	9
103	Efficacy of at home monitoring of foot temperature for risk reduction of diabetesâ€related foot ulcer: A metaâ€analysis. Diabetes/Metabolism Research and Reviews, 2022, 38, .	1.7	9
104	Impact of diabetic neuropathy severity on foot clearance complexity and variability during walking. Gait and Posture, 2019, 74, 194-199.	0.6	8
105	Development of a multivariable prediction model for plantar foot ulcer recurrence in high-risk people with diabetes. BMJ Open Diabetes Research and Care, 2020, 8, e001207.	1.2	8
106	Feasibility and Preliminary Efficacy of Gait Training Assisted by Multichannel Functional Electrical Stimulation in Early Stroke Rehabilitation: A Pilot Randomized Controlled Trial. Neurorehabilitation and Neural Repair, 2021, 35, 131-144.	1.4	8
107	Development of a prediction model for foot ulcer recurrence in people with diabetes using easy-to-obtain clinical variables. BMJ Open Diabetes Research and Care, 2021, 9, e002257.	1.2	8
108	Usersâ€™ needs and expectations and the design of a new custom-made indoor footwear solution for people with diabetes at risk of foot ulceration. Disability and Rehabilitation, 2022, 44, 8493-8500.	0.9	8

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109	Use and usability of custom-made dorsiflexion-restricting ankle-foot orthoses for calf muscle weakness in polio survivors: a cross-sectional survey. European Journal of Physical and Rehabilitation Medicine, 2020, 56, 575-584.	1.1	7
110	Footâ€“ankle therapeutic exercise program can improve gait speed in people with diabetic neuropathy: a randomized controlled trial. Scientific Reports, 2022, 12, 7561.	1.6	7
111	Weightâ€bearing physical activity in people with diabetesâ€related foot disease: A systematic review. Diabetes/Metabolism Research and Reviews, 2022, 38, .	1.7	7
112	Changes in sub-calcaneal fat pad composition and their association with dynamic plantar foot pressure in people with diabetic neuropathy. Clinical Biomechanics, 2021, 88, 105441.	0.5	5
113	Foot Function in Patients With Surgically Treated Preaxial Polydactyly of the Foot Compared With Age- and Sex-Matched Healthy Controls. Foot and Ankle International, 2019, 40, 414-421.	1.1	4
114	Comment on Crews et al. Role and Determinants of Adherence to Off-loading in Diabetic Foot Ulcer Healing: A Prospective Investigation. Diabetes Care 2016;39:1371â€“1377. Diabetes Care, 2016, 39, e220-e221.	4.3	3
115	The Importance of Foot Care in Older People With Diabetes. Journal of the American Medical Directors Association, 2013, 14, 136.	1.2	2
116	Lateral Versus Medial Hallux Excision in Preaxial Polydactyly of the Foot. Foot and Ankle International, 2020, 41, 1553-1562.	1.1	2
117	The Concurrent Validity, Testâ€“Retest Reliability and Usability of a New Foot Temperature Monitoring System for Persons with Diabetes at High Risk of Foot Ulceration. Sensors, 2021, 21, 3645.	2.1	2
118	The effectiveness of using inâ€shoe plantar pressure assessment and monitoring in prescription therapeutic footwear to prevent plantar foot ulcer recurrence in diabetic patients: a multicenter randomized controlled trial. Journal of Foot and Ankle Research, 2012, 5, .	0.7	1
119	Offloading the Diabetic Foot: The Evolution of an Integrated Strategy. Frontiers in Diabetes, 2018, , 97-106.	0.4	1
120	Toe gaps and their assessment in footwear for people with diabetes: a narrative review. Journal of Foot and Ankle Research, 2020, 13, 70.	0.7	1
121	Footwear for persons with diabetes at high risk for foot ulceration. , 2021, , 363-373.		1
122	Response to: Remote Diabetic Foot Temperature Monitoring for Early Detection of Diabetic Foot Ulcers: A Cost-Effectiveness Analysis [Letter]. ClinicoEconomics and Outcomes Research, 2022, Volume 14, 49-50.	0.7	1
123	PS6 - 31. The effect of therapeutic footwear modifications on in-shoe plantar pressures in high risk diabetic patients. Nederlands Tijdschrift Voor Diabetologie, 2012, 10, 119-119.	0.0	0
124	PS6 - 34. The effectiveness of offloading-improved custom-made footwear on plantar foot ulcer recurrence rate in diabetic patients: a multicenter randomized controlled trial. Nederlands Tijdschrift Voor Diabetologie, 2012, 10, 120-121.	0.0	0
125	Doing meaningful systematic reviews is no gravy train. Lancet, The, 2020, 395, 1905-1906.	6.3	0
126	Re â€œMethodological Assessment of Diabetic Foot Syndrome Clinical Practice Guidelinesâ€. European Journal of Vascular and Endovascular Surgery, 2021, 61, 162.	0.8	0