Michael J Mueller

List of Publications by Year
in descending order

81 papers	3,916 citations	136950 32 h-index	123424 61 g-index
83 all docs	83 docs citations	83 times ranked	3040 citing authors

#	Article	IF	Citations
1	Body mass index and maximum available midfoot motion are associated with midfoot angle at peak heel rise in people with type 2 diabetes mellitus and peripheral neuropathy. Foot, 2022, 51, 101912.	1.1	1
2	Implementation of an acute palliative care unit for COVID-19 patients in a tertiary hospital: Qualitative data on clinician perspectives. Palliative Medicine, 2022, 36, 332-341.	3.1	7
3	Midfoot and ankle motion during heel rise and gait are related in people with diabetes and peripheral neuropathy. Gait and Posture, 2021, 84, 38-44.	1.4	7
4	Heel Rise and Nonâ€“Weight-Bearing Ankle Plantar Flexion Tasks to Assess Foot and Ankle Function in People With Diabetes Mellitus and Peripheral Neuropathy. Physical Therapy, 2021, 101, .	2.4	5
5	Oneâ€year outcomes following physical therapistâ€led intervention for chronic hipâ€related groin pain: Ancillary analysis of a pilot multicenter randomized clinical trial. Journal of Orthopaedic Research, 2021, 39, 2409-2418.	2.3	4
6	Association of toe-extension movement pattern magnitude and variability during three functional tasks with diabetic foot complications. Clinical Biomechanics, 2021, 85, 105371.	1.2	0
7	Should weight-bearing activity be reduced during healing of plantar diabetic foot ulcers, even when using appropriate offloading devices?. Diabetes Research and Clinical Practice, 2021, 175, 108733.	2.8	19
8	Deteriorated regional calf microcirculation measured by contrast-free MRI in patients with diabetes mellitus and relation with physical activity. Diabetes and Vascular Disease Research, 2021, 18, 147916412110290.	2.0	6
9	Three dimensional kinematics of visually classified lower extremity movement patterns during a single leg squat among people with chronic hip joint pain. Physiotherapy Theory and Practice, 2020, 36, 598-606.	1.3	9
10	Mobility advice to help prevent reâ€ulceration in diabetes. Diabetes/Metabolism Research and Reviews, 2020, 36, e3259.	4.0	8
11	Movement pattern training compared with standard strengthening and flexibility among patients with hip-related groin pain: results of a pilot multicentre randomised clinical trial. BMJ Open Sport and Exercise Medicine, 2020, 6, e000707.	2.9	16
12	Relationships within and between lower and upper extremity dysfunction in people with diabetes. Foot, 2020, 44, 101680.	1.1	2
13	Multi-System Factors Associated with Metatarsophalangeal Joint Deformity in Individuals with Type 2 Diabetes. Journal of Clinical Medicine, 2020, 9, 1012.	2.4	6
14	Diffusion Tensor Imaging of the Calf Muscles in Subjects With and Without Diabetes Mellitus. Journal of Magnetic Resonance Imaging, 2019, 49, 1285-1295.	3.4	9
15	Intravenous contrastâ€free standardized exercise perfusion imaging in diabetic feet with ulcers. Journal of Magnetic Resonance Imaging, 2019, 50, 474-480.	3.4	19
16	Reduced Hip Adduction Is Associated With Improved Function After Movement-Pattern Training in Young People With Chronic Hip Joint Pain. Journal of Orthopaedic and Sports Physical Therapy, 2018, 48, 316-324.	3.5	37
17	Effect of a Shoulder Movement Intervention on Joint Mobility, Pain, and Disability in People With Diabetes: A Randomized Controlled Trial. Physical Therapy, 2018, 98, 745-753.	2.4	11
18	Physical Training and Activity in People With Diabetic Peripheral Neuropathy: Paradigm Shift. Physical Therapy, 2017, 97, 31-43.	2.4	68

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19	Rehabilitation Research at the National Institutes of Health: Moving the Field Forward (Executive) Tj ETQq1 1 0.784314 rgBT /Overloc	0.9	6
20	Rehabilitation research at the National Institutes of Health: Moving the field forward (Executive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	2.0	3
21	Relationship of shoulder activity and skin intrinsic fluorescence with low level shoulder pain and disability in people with type 2 diabetes. Journal of Diabetes and Its Complications, 2017, 31, 983-987.	2.3	2
22	Rehabilitation Research at the National Institutes of Health: Moving the Field Forward (Executive) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	0.3	5
23	Rehabilitation research at the National Institutes of Health moving the field forward (executive) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	2
24	Musculoskeletal Impairments Are Often Unrecognized and Underappreciated Complications From Diabetes. Physical Therapy, 2016, 96, 1861-1864.	2.4	17
25	Acquired midfoot deformity and function in individuals with diabetes and peripheral neuropathy. Clinical Biomechanics, 2016, 32, 261-267.	1.2	29
26	Metatarsophalangeal Hyperextension Movement Pattern Related to Diabetic Forefoot Deformity. Physical Therapy, 2016, 96, 1143-1151.	2.4	13
27	Movement-Pattern Training to Improve Function in People With Chronic Hip Joint Pain: A Feasibility Randomized Clinical Trial. Journal of Orthopaedic and Sports Physical Therapy, 2016, 46, 452-461.	3.5	57
28	Oximetric angiosome imaging in diabetic feet. Journal of Magnetic Resonance Imaging, 2016, 44, spcone-spcone.	3.4	0
29	Oximetric angiosome imaging in diabetic feet. Journal of Magnetic Resonance Imaging, 2016, 44, 940-946.	3.4	7
30	Next-Generation Sequencing-Assisted DNA-Based Digital PCR for a Personalized Approach to the Detection and Quantification of Residual Disease in Chronic Myeloid Leukemia Patients. Journal of Molecular Diagnostics, 2016, 18, 176-189.	2.8	34
31	Muscle and Joint Factors Associated With Forefoot Deformity in the Diabetic Neuropathic Foot. Foot and Ankle International, 2016, 37, 514-521.	2.3	34
32	Static and Dynamic Predictors of Foot Progression Angle in Individuals with and without Diabetes Mellitus and Peripheral Neuropathy. , 2016, 3, .		0
33	Adipose tissue content, muscle performance and physical function in obese adults with type 2 diabetes mellitus and peripheral neuropathy. Journal of Diabetes and Its Complications, 2015, 29, 250-257.	2.3	51
34	Shoulder limited joint mobility in people with diabetes mellitus. Clinical Biomechanics, 2015, 30, 308-313.	1.2	24
35	Relationship Between Skin Intrinsic Fluorescenceâ€"an Indicator of Advanced Glycation End Productsâ€"and Upper Extremity Impairments in Individuals With Diabetes Mellitus. Physical Therapy, 2015, 95, 1111-1119.	2.4	19
36	Truncating Homozygous Mutation of Carboxypeptidase E (CPE) in a Morbidly Obese Female with Type 2 Diabetes Mellitus, Intellectual Disability and Hypogonadotrophic Hypogonadism. PLoS ONE, 2015, 10, e0131417.	2.5	72

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37	Windlass Mechanism in Individuals With Diabetes Mellitus, Peripheral Neuropathy, and Low Medial Longitudinal Arch Height. Foot and Ankle International, 2014, 35, 816-824.	2.3	7
38	A pilot study of regional perfusion and oxygenation in calf muscles of individuals with diabetes with a noninvasive measure. Journal of Vascular Surgery, 2014, 59, 419-426.	1.1	26
39	Kinematics and kinetics of single-limb heel rise in diabetes related medial column foot deformity. Clinical Biomechanics, 2014, 29, 1016-1022.	1.2	17
40	Radiographic-directed local coordinate systems critical in kinematic analysis of walking in diabetes-related medial column foot deformity. Gait and Posture, 2014, 40, 128-133.	1.4	7
41	Intrinsic foot muscle deterioration is associated with metatarsophalangeal joint angle in people with diabetes and neuropathy. Clinical Biomechanics, 2013, 28, 1055-1060.	1.2	55
42	Weight-Bearing Versus Nonweight-Bearing Exercise for Persons With Diabetes and Peripheral Neuropathy: A Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2013, 94, 829-838.	0.9	104
43	Genomic Pathology of SLE-Associated Copy-Number Variation at the FCGR2C/FCGR3B/FCGR2B Locus. American Journal of Human Genetics, 2013, 92, 28-40.	6.2	63
44	Reliability and validity of a MRâ€based volumetric analysis of the intrinsic foot muscles. Journal of Magnetic Resonance Imaging, 2013, 38, 1083-1093.	3.4	26
45	A Moderate-Intensity Weight-Bearing Exercise Program for a Person With Type 2 Diabetes and Peripheral Neuropathy. Physical Therapy, 2012, 92, 133-141.	2.4	19
46	Effect of selected exercises on in-shoe plantar pressures in people with diabetes and peripheral neuropathy. Foot, 2012, 22, 130-134.	1.1	20
47	Lower Physical Activity Is Associated With Higher Intermuscular Adipose Tissue in People With Type 2 Diabetes and Peripheral Neuropathy. Physical Therapy, 2011, 91, 923-930.	2.4	88
48	Editor Response. Physical Therapy, 2009, 89, 102-102.	2.4	0
49	Multi-plug insole design to reduce peak plantar pressure on the diabetic foot during walking. Medical and Biological Engineering and Computing, 2008, 46, 363-371.	2.8	61
50	Effect of metatarsal phalangeal joint extension on plantar soft tissue stiffness and thickness. Foot, 2008, 18, 61-67.	1.1	21
51	Pressure gradient and subsurface shear stress on the neuropathic forefoot. Clinical Biomechanics, 2008, 23, 342-348.	1.2	43
52	Subsurface shear stress associated with forefoot skin breakdown on the neuropathic foot. Clinical Biomechanics, 2008, 23, 682-683.	1.2	0
53	Estimating subsurface shear stress in the neuropathic foot from plantar pressure distribution. Clinical Biomechanics, 2008, 23, 696-697.	1.2	0
54	Plantar Stresses on the Neuropathic Foot During Barefoot Walking. Physical Therapy, 2008, 88, 1375-1384.	2.4	54

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55	Excessive Adipose Tissue Infiltration in Skeletal Muscle in Individuals With Obesity, Diabetes Mellitus, and Peripheral Neuropathy: Association With Performance and Function. Physical Therapy, 2008, 88, 1336-1344.	2.4	283
56	People With Diabetes: A Population Desperate for Movement. Physical Therapy, 2008, 88, 1250-1253.	2.4	5
57	Effect of Weight-Bearing Activity on Foot Ulcer Incidence in People With Diabetic Peripheral Neuropathy: Feet First Randomized Controlled Trial. Physical Therapy, 2008, 88, 1385-1398.	2.4	143
58	Reprintâ€"Comprehensive Foot Examination and Risk Assessment: A Report of the Task Force of the Foot Care Interest Group of the American Diabetes Association, With Endorsement by the American Association of Clinical Endocrinologists. Physical Therapy, 2008, 88, 1436-1443.	2.4	61
59	Effect of footwear and orthotic devices on stress reduction and soft tissue strain of the neuropathic foot. Clinical Biomechanics, 2007, 22, 352-359.	1.2	49
60	Effect of peak pressure and pressure gradient on subsurface shear stresses in the neuropathic foot. Journal of Biomechanics, 2007, 40, 883-890.	2.1	78
61	Efficacy and Mechanism of Orthotic Devices to Unload Metatarsal Heads in People With Diabetes and a History of Plantar Ulcers. Physical Therapy, 2006, 86, 833-842.	2.4	65
62	Numerical simulation of the plantar pressure distribution in the diabetic foot during the push-off stance. Medical and Biological Engineering and Computing, 2006, 44, 653-663.	2.8	44
63	Efficacy and mechanism of orthotic devices to unload metatarsal heads in people with diabetes and a history of plantar ulcers. Physical Therapy, 2006, 86, 833-42.	2.4	20
64	Relationship Between Changes in Activity and Plantar Ulcer Recurrence in a Patient With Diabetes Mellitus. Physical Therapy, 2005, 85, 579-588.	2.4	29
65	"Pressure Gradient" as an Indicator of Plantar Skin Injury. Diabetes Care, 2005, 28, 2908-2912.	8.6	84
66	Impact of Achilles Tendon Lengthening on Functional Limitations and Perceived Disability in People With a Neuropathic Plantar Ulcer. Diabetes Care, 2004, 27, 1559-1564.	8.6	55
67	Effect of Modeling Assumptions in the Plantar Pressure Distribution of the Diabetic Foot Using the p-Version of the Finite Element Method. , 2004, , 205.		3
68	Forefoot structural predictors of plantar pressures during walking in people with diabetes and peripheral neuropathy. Journal of Biomechanics, 2003, 36, 1009-1017.	2.1	176
69	EFFECT OF ACHILLES TENDON LENGTHENING ON NEUROPATHIC PLANTAR ULCERSâ˜†. Journal of Bone and Joint Surgery - Series A, 2003, 85, 1436-1445.	3.0	317
70	Effect of Achilles tendon lengthening on neuropathic plantar ulcers. A randomized clinical trial. Journal of Bone and Joint Surgery - Series A, 2003, 85, 1436-45.	3.0	48
71	Tissue Adaptation to Physical Stress: A Proposed â€œPhysical Stress Theoryâ€•to Guide Physical Therapist Practice, Education, and Research. Physical Therapy, 2002, 82, 383-403.	2.4	308
72	Plantar tissue stiffness in patients with diabetes mellitus and peripheral neuropathy. Archives of Physical Medicine and Rehabilitation, 2002, 83, 1796-1801.	0.9	128

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73	Structural Changes in the Forefoot of Individuals with Diabetes and a Prior Plantar Ulcer. Journal of Bone and Joint Surgery - Series A, 2002, 84, 1395-1404.	3.0	130
74	Tissue adaptation to physical stress: a proposed "Physical Stress Theory" to guide physical therapist practice, education, and research. Physical Therapy, 2002, 82, 383-403.	2.4	100
75	Effects of a Tendo-Achilles Lengthening Procedure on Muscle Function and Gait Characteristics in a Patient With Diabetes Mellitus. Journal of Orthopaedic and Sports Physical Therapy, 2000, 30, 85-90.	3.5	72
76	Functional Limitations in Patients With Diabetes and Transmetatarsal Amputations. Physical Therapy, 1997, 77, 937-943.	2.4	31
77	Effect of Total Contact Cast Immobilization on Subtalar and Talocrural Joint Motion in Patients with Diabetes Mellitus. Physical Therapy, 1993, 73, 310-315.	2.4	14
78	Relationship of Foot Deformity to Ulcer Location in Patients with Diabetes Mellitus. Physical Therapy, 1990, 70, 356-362.	2.4	76
79	Insensitivity, Limited Joint Mobility, and Plantar Ulcers in Patients with Diabetes Mellitus. Physical Therapy, 1989, 69, 453-459.	2.4	197
80	Reliability of a Diabetic Foot Evaluation. Physical Therapy, 1989, 69, 797-802.	2.4	162
81	Physical Therapy Director as Professional Value Setter. Physical Therapy, 1987, 67, 1389-1392.	2.4	4