Metin Yavuz

List of Publications by Year in descending order

19 papers	534 citations	759233 12 h-index	888059 17 g-index
19 all docs	19 docs citations	19 times ranked	379 citing authors

#	Article	IF	Citations
1	Temporal characteristics of plantar shear distribution: Relevance to diabetic patients. Journal of Biomechanics, 2008, 41, 556-559.	2.1	85
2	Peak Plantar Pressure and Shear Locations. Diabetes Care, 2007, 30, 2643-2645.	8.6	80
3	American Society of Biomechanics Clinical Biomechanics Award 2012: Plantar shear stress distributions in diabetic patients with and without neuropathy. Clinical Biomechanics, 2014, 29, 223-229.	1.2	64
4	Plantar shear stress distributions: Comparing actual and predicted frictional forces at the footâ€“ground interface. Journal of Biomechanics, 2007, 40, 3045-3049.	2.1	63
5	Plantar Shear Stress in Individuals With a History of Diabetic Foot Ulcer: An Emerging Predictive Marker for Foot Ulceration. Diabetes Care, 2017, 40, e14-e15.	8.6	43
6	Temperature as a predictive tool for plantar triaxial loading. Journal of Biomechanics, 2014, 47, 3767-3770.	2.1	40
7	Peak Plantar Shear and Pressure and Foot Ulcer Locations: A Call to Revisit Ulceration Pathomechanics. Diabetes Care, 2015, 38, e184-e185.	8.6	35
8	Forefoot plantar shear stress distribution in hallux valgus patients. Gait and Posture, 2009, 30, 257-259.	1.4	31
9	Temperature as a Causative Factor in Diabetic Foot Ulcers: A Call to Revisit Ulceration Pathomechanics. Journal of the American Podiatric Medical Association, 2019, 109, 345-350.	0.3	22
10	Association Between Plantar Temperatures and Triaxial Stresses in Individuals With Diabetes. Diabetes Care, 2015, 38, e178-e179.	8.6	16
11	Prediction of Plantar Shear Stress Distribution by Artificial Intelligence Methods. Journal of Biomechanical Engineering, 2009, 131, 091007.	1.3	15
12	Plantar Shear Stress Distribution in Athletic Individuals with Frictional Foot Blisters. Journal of the American Podiatric Medical Association, 2010, 100, 116-120.	0.3	14
13	Temperature- and Pressure-Regulating Insoles for Prevention of Diabetic Foot Ulcers. Journal of Foot and Ankle Surgery, 2020, 59, 685-688.	1.0	10
14	Plantar Shear Stress Distribution in Patients with Rheumatoid Arthritis. Journal of the American Podiatric Medical Association, 2010, 100, 265-269.	0.3	8
15	Biomechanical Efficacy of Shear-Reducing Diabetic Insoles: Elaborations on Future Design Criteria. Journal of Prosthetics and Orthotics, 2019, 31, 82-86.	0.4	3
16	Plantar shear stress: Is it the H pylori of diabetic foot ulcers?. Clinical Biomechanics, 2022, 92, 105581.	1.2	3
17	A Biomechanical Examination of Prefabricated Total Contact Cast Kits: Relevance to Patients With Diabetic Neuropathy. International Journal of Lower Extremity Wounds, 2021, 20, 232-235.	1.1	2
18	Pathomechanics of diabetic foot ulceration. , 2021, , 89-106.		0

#	Article	IF	Citations
19	Prediction of Plantar Shear Stress Distribution by Conditional GAN with Attention Mechanism. Lecture Notes in Computer Science, 2020, , 770-780.	1.3	0