## Kevin Deschamps

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Body of evidence supporting the clinical use of 3D multisegment foot models: A systematic review. Gait and Posture, 2011, 33, 338-349.	1.4	133
2	The impact of hallux valgus on foot kinematics: A cross-sectional, comparative study. Gait and Posture, 2010, 32, 102-106.	1.4	93
3	Biomechanical gait features associated with hip osteoarthritis: Towards a better definition of clinical hallmarks. Journal of Orthopaedic Research, 2015, 33, 1498-1507.	2.3	45
4	Repeatability in the assessment of multi-segment foot kinematics. Gait and Posture, 2012, 35, 255-260.	1.4	44
5	Are two-dimensional measured frontal plane angles related to three-dimensional measured kinematic profiles during running?. Physical Therapy in Sport, 2018, 29, 84-92.	1.9	44
6	Inter- and intra-observer reliability of masking in plantar pressure measurement analysis. Gait and Posture, 2009, 30, 379-382.	1.4	43
7	Estimation of foot joint kinetics in three and four segment foot models using an existing proportionality scheme: Application in paediatric barefoot walking. Journal of Biomechanics, 2017, 61, 168-175.	2.1	42
8	Repeatability of a 3D multi-segment foot model protocol in presence of foot deformities. Gait and Posture, 2012, 36, 635-638.	1.4	36
9	Comparison of foot segmental mobility and coupling during gait between patients with diabetes mellitus with and without neuropathy and adults without diabetes. Clinical Biomechanics, 2013, 28, 813-819.	1.2	36
10	Classification of Forefoot Plantar Pressure Distribution in Persons with Diabetes: A Novel Perspective for the Mechanical Management of Diabetic Foot?. PLoS ONE, 2013, 8, e79924.	2.5	36
11	Intra-Individual Variability of Surface Electromyography in Front Crawl Swimming. PLoS ONE, 2015, 10, e0144998.	2.5	35
12	How reliable are knee kinematics and kinetics during side-cutting manoeuvres?. Gait and Posture, 2015, 41, 905-911.	1.4	29
13	Altered Achilles tendon function during walking in people with diabetic neuropathy: implications for metabolic energy saving. Journal of Applied Physiology, 2018, 124, 1333-1340.	2.5	26
14	Effect of taping on foot kinematics in persons with chronic ankle instability. Journal of Science and Medicine in Sport, 2016, 19, 541-546.	1.3	21
15	Is the metabolic cost of walking higher in people with diabetes?. Journal of Applied Physiology, 2016, 120, 55-62.	2.5	20
16	Differences in foot muscle morphology and foot kinematics between symptomatic and asymptomatic pronated feet. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1766-1773.	2.9	20
17	Inter-individual variability and pattern recognition of surface electromyography in front crawl swimming. Journal of Electromyography and Kinesiology, 2016, 31, 14-21.	1.7	19
18	Quantifying clinical misinterpretations associated to one-segment kinetic foot modelling in both a healthy and patient population. Clinical Biomechanics, 2019, 67, 160-165.	1.2	18

KEVIN DESCHAMPS

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19	The impact of walking speed on the kinetic behaviour of different foot joints. Gait and Posture, 2019, 68, 375-381.	1.4	17
20	Foot segmental motion and coupling in stage II and III tibialis posterior tendon dysfunction. Clinical Biomechanics, 2017, 45, 38-42.	1.2	16
21	Clinical Applicability of an Existing Proportionality Scheme in Three-Segment Kinetic Foot Models. Annals of Biomedical Engineering, 2020, 48, 247-257.	2.5	16
22	Effect of taping on multi-segmental foot kinematic patterns during walking in persons with chronic ankle instability. Journal of Science and Medicine in Sport, 2017, 20, 835-840.	1.3	15
23	Reliability and clinical features associated with the <scp>IPSG MRI</scp> tibiotalar and subtalar joint scores in children, adolescents and young adults with haemophilia. Haemophilia, 2018, 24, 141-148.	2.1	15
24	Efficacy measures associated to a plantar pressure based classification system in diabetic foot medicine. Gait and Posture, 2016, 49, 168-175.	1.4	14
25	Muscle-Activation Onset Times With Shoes and Foot Orthoses in Participants With Chronic Ankle Instability. Journal of Athletic Training, 2015, 50, 688-696.	1.8	13
26	ISB recommendations for skin-marker-based multi-segment foot kinematics. Journal of Biomechanics, 2021, 125, 110581.	2.1	13
27	Quantification of Skin Marker Movement at the Malleoli and Talar Heads. Journal of the American Podiatric Medical Association, 2011, 101, 497-504.	0.3	12
28	Biomechanical markers and theoretical concepts related to haemophilic ankle and subtalar joint arthropathy: introducing the term â€~haemophilic tarsal panâ€arthropathy'. Haemophilia, 2017, 23, e250-e258.	2.1	11
29	Altered leverage around the ankle in people with diabetes: A natural strategy to modify the muscular contribution during walking?. Gait and Posture, 2017, 57, 85-90.	1.4	11
30	Foot and ankle kinematics in chronic ankle instability subjects using a midfoot strike pattern when running, including influence of taping. Clinical Biomechanics, 2018, 54, 1-7.	1.2	10
31	Multi-segment foot kinematics during running and its association with striking patterns. Sports Biomechanics, 2022, 21, 71-84.	1.6	10
32	Loss of Mechanical Ankle Function Is Not Compensated by the Distal Foot Joints in Patients with Ankle Osteoarthritis. Clinical Orthopaedics and Related Research, 2021, 479, 105-115.	1.5	10
33	Pressure reducing capacity of felt: A feasibility study using a new portable system with thin sensors. Diabetes Research and Clinical Practice, 2015, 107, e11-e14.	2.8	9
34	Postural control of typical developing boys during the transition from double-leg stance to single-leg stance. European Journal of Pediatrics, 2017, 176, 273-278.	2.7	8
35	3D Multi-segment foot kinematics in children: A developmental study in typically developing boys. Gait and Posture, 2017, 52, 40-44.	1.4	8
36	Postural control during a transition task in haemophilic children, adolescents and young adults with haemophilic ankle arthropathy. Haemophilia, 2018, 24, 667-674.	2.1	8

KEVIN DESCHAMPS

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37	Assessment of passive musculoarticular ankle stiffness in children, adolescents and young adults with haemophilic ankle arthropathy. Haemophilia, 2018, 24, e103-e112.	2.1	8
38	Subclassification of recreational runners with a running-related injury based on running kinematics evaluated with marker-based two-dimensional video analysis. Physical Therapy in Sport, 2020, 44, 99-106.	1.9	8
39	A color-code based method for the interpretation of plantar pressure measurements in clinical gait analysis. Gait and Posture, 2015, 41, 852-856.	1.4	7
40	A novel approach for the detection and exploration of joint coupling patterns in the lower limb kinetic chain. Gait and Posture, 2018, 62, 372-377.	1.4	7
41	The Biomechanical Behavior of Distal Foot Joints in Patients with Isolated, End-Stage Tibiotalar Osteoarthritis Is Not Altered Following Tibiotalar Fusion. Journal of Clinical Medicine, 2020, 9, 2594.	2.4	7
42	Deficits of ankle muscle strength not found in children, adolescents and young adults with haemophilic ankle arthropathy. Haemophilia, 2017, 23, e409-e418.	2.1	6
43	Pattern description and reliability parameters of six force–time related indices measured with plantar pressure measurements. Gait and Posture, 2013, 38, 824-829.	1.4	5
44	Foot segmental mobility during subphases of running: Comparative study between two striking patterns. Gait and Posture, 2017, 53, 127-130.	1.4	4
45	Clinical gait features are associated with MRI findings in patients with haemophilic ankle arthropathy. Haemophilia, 2020, 26, 333-339.	2.1	4
46	Dynamic in Vivo Subtalar Joint Kinematics Measured Using a Skin Marker–Based Protocol. Journal of the American Podiatric Medical Association, 2014, 104, 357-364.	0.3	3
47	Contribution of foot joints in the energetics of human running. Computer Methods in Biomechanics and Biomedical Engineering, 2020, 23, 557-563.	1.6	3
48	Bloodâ€induced cartilage damage alters the ankle joint load during walking. Journal of Orthopaedic Research, 2020, 38, 2419-2428.	2.3	2
49	The biomechanical behaviour of ankle and foot joints during walking with shoes in patients with haemophilia. Haemophilia, 2020, 26, 726-734.	2.1	2
50	The biopsychosocialâ€digital continuum of foot orthosis practice and research: the VALUATOR model. Journal of Foot and Ankle Research, 2021, 14, 25.	1.9	2
51	A conceptual framework for contemporary professional foot care practice: â€~'The value based digital foot care framework''. Journal of Foot and Ankle Research, 2021, 14, 22.	1.9	2
52	Biomechanical maturation of foot joints in typically developing boys: Novel insight in mechanics and energetics from a cross-sectional study. Gait and Posture, 2021, 85, 244-250.	1.4	2
53	The Receptive and Propulsive Behavior of Human Foot Joints During Running With Different Striking Strategies. Journal of Applied Biomechanics, 2019, 35, 336-343.	0.8	2
54	Influence of heel drop height on COP trajectory. Footwear Science, 2015, 7, S114-S115.	2.1	1

**KEVIN DESCHAMPS** 

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55	A novel magnet based 3D printed marker wand as basis for repeated inâ€shoe multi segment foot analysis: a proof of concept. Journal of Foot and Ankle Research, 2017, 10, 38.	1.9	1
56	Acquired multiâ€segment foot kinematics in haemophilic children, adolescents and young adults with or without haemophilic ankle arthropathy. Haemophilia, 2020, 26, 701-710.	2.1	1
57	Preliminary Evidence That Taping Does Not Optimize Joint Coupling of the Foot and Ankle Joints in Patients with Chronic Ankle Instability. International Journal of Environmental Research and Public Health, 2021, 18, 2029.	2.6	1
58	Posterior tibial tendon dysfunction alters the midfoot mechanics and energetics during gait. Journal of Orthopaedic Research, 2022, 40, 2196-2208.	2.3	1
59	Evidence for symmetrically reduced foot mechanics and energetics in patients after trimalleolar fracture repair: A cross-sectional study. Gait and Posture, 2022, 97, 13-20.	1.4	1
60	Paediatric patients with bloodâ€induced ankle joint arthritis demonstrate physiological foot joint mechanics and energetics during walking. Haemophilia, 2020, 26, 907-915.	2.1	0
61	Clinical and Biomechanical Progression after Ankle Joint Distraction in a Young Adolescent Patient with Hapmonbilia, International Journal of Environmental Posearch and Public Health, 2021, 18, 11405	2.6	0