

Kevin Deschamps

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,040
citations

535685

17
h-index

511568

30
g-index

64
all docs

64
docs citations

64
times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	Body of evidence supporting the clinical use of 3D multisegment foot models: A systematic review. <i>Gait and Posture</i> , 2011, 33, 338-349.	0.6	133
2	The impact of hallux valgus on foot kinematics: A cross-sectional, comparative study. <i>Gait and Posture</i> , 2010, 32, 102-106.	0.6	93
3	Biomechanical gait features associated with hip osteoarthritis: Towards a better definition of clinical hallmarks. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1498-1507.	1.2	45
4	Repeatability in the assessment of multi-segment foot kinematics. <i>Gait and Posture</i> , 2012, 35, 255-260.	0.6	44
5	Are two-dimensional measured frontal plane angles related to three-dimensional measured kinematic profiles during running?. <i>Physical Therapy in Sport</i> , 2018, 29, 84-92.	0.8	44
6	Inter- and intra-observer reliability of masking in plantar pressure measurement analysis. <i>Gait and Posture</i> , 2009, 30, 379-382.	0.6	43
7	Estimation of foot joint kinetics in three and four segment foot models using an existing proportionality scheme: Application in paediatric barefoot walking. <i>Journal of Biomechanics</i> , 2017, 61, 168-175.	0.9	42
8	Repeatability of a 3D multi-segment foot model protocol in presence of foot deformities. <i>Gait and Posture</i> , 2012, 36, 635-638.	0.6	36
9	Comparison of foot segmental mobility and coupling during gait between patients with diabetes mellitus with and without neuropathy and adults without diabetes. <i>Clinical Biomechanics</i> , 2013, 28, 813-819.	0.5	36
10	Classification of Forefoot Plantar Pressure Distribution in Persons with Diabetes: A Novel Perspective for the Mechanical Management of Diabetic Foot?. <i>PLoS ONE</i> , 2013, 8, e79924.	1.1	36
11	Intra-Individual Variability of Surface Electromyography in Front Crawl Swimming. <i>PLoS ONE</i> , 2015, 10, e0144998.	1.1	35
12	How reliable are knee kinematics and kinetics during side-cutting manoeuvres?. <i>Gait and Posture</i> , 2015, 41, 905-911.	0.6	29
13	Altered Achilles tendon function during walking in people with diabetic neuropathy: implications for metabolic energy saving. <i>Journal of Applied Physiology</i> , 2018, 124, 1333-1340.	1.2	26
14	Effect of taping on foot kinematics in persons with chronic ankle instability. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 541-546.	0.6	21
15	Is the metabolic cost of walking higher in people with diabetes?. <i>Journal of Applied Physiology</i> , 2016, 120, 55-62.	1.2	20
16	Differences in foot muscle morphology and foot kinematics between symptomatic and asymptomatic pronated feet. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1766-1773.	1.3	20
17	Inter-individual variability and pattern recognition of surface electromyography in front crawl swimming. <i>Journal of Electromyography and Kinesiology</i> , 2016, 31, 14-21.	0.7	19
18	Quantifying clinical misinterpretations associated to one-segment kinetic foot modelling in both a healthy and patient population. <i>Clinical Biomechanics</i> , 2019, 67, 160-165.	0.5	18

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19	The impact of walking speed on the kinetic behaviour of different foot joints. <i>Gait and Posture</i> , 2019, 68, 375-381.	0.6	17
20	Foot segmental motion and coupling in stage II and III tibialis posterior tendon dysfunction. <i>Clinical Biomechanics</i> , 2017, 45, 38-42.	0.5	16
21	Clinical Applicability of an Existing Proportionality Scheme in Three-Segment Kinetic Foot Models. <i>Annals of Biomedical Engineering</i> , 2020, 48, 247-257.	1.3	16
22	Effect of taping on multi-segmental foot kinematic patterns during walking in persons with chronic ankle instability. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 835-840.	0.6	15
23	Reliability and clinical features associated with the <scp>IPSC MRI</scp> tibiotalar and subtalar joint scores in children, adolescents and young adults with haemophilia. <i>Haemophilia</i> , 2018, 24, 141-148.	1.0	15
24	Efficacy measures associated to a plantar pressure based classification system in diabetic foot medicine. <i>Gait and Posture</i> , 2016, 49, 168-175.	0.6	14
25	Muscle-Activation Onset Times With Shoes and Foot Orthoses in Participants With Chronic Ankle Instability. <i>Journal of Athletic Training</i> , 2015, 50, 688-696.	0.9	13
26	ISB recommendations for skin-marker-based multi-segment foot kinematics. <i>Journal of Biomechanics</i> , 2021, 125, 110581.	0.9	13
27	Quantification of Skin Marker Movement at the Malleoli and Talar Heads. <i>Journal of the American Podiatric Medical Association</i> , 2011, 101, 497-504.	0.2	12
28	Biomechanical markers and theoretical concepts related to haemophilic ankle and subtalar joint arthropathy: introducing the term "haemophilic tarsal panarthropathy". <i>Haemophilia</i> , 2017, 23, e250-e258.	1.0	11
29	Altered leverage around the ankle in people with diabetes: A natural strategy to modify the muscular contribution during walking?. <i>Gait and Posture</i> , 2017, 57, 85-90.	0.6	11
30	Foot and ankle kinematics in chronic ankle instability subjects using a midfoot strike pattern when running, including influence of taping. <i>Clinical Biomechanics</i> , 2018, 54, 1-7.	0.5	10
31	Multi-segment foot kinematics during running and its association with striking patterns. <i>Sports Biomechanics</i> , 2022, 21, 71-84.	0.8	10
32	Loss of Mechanical Ankle Function Is Not Compensated by the Distal Foot Joints in Patients with Ankle Osteoarthritis. <i>Clinical Orthopaedics and Related Research</i> , 2021, 479, 105-115.	0.7	10
33	Pressure reducing capacity of felt: A feasibility study using a new portable system with thin sensors. <i>Diabetes Research and Clinical Practice</i> , 2015, 107, e11-e14.	1.1	9
34	Postural control of typical developing boys during the transition from double-leg stance to single-leg stance. <i>European Journal of Pediatrics</i> , 2017, 176, 273-278.	1.3	8
35	3D Multi-segment foot kinematics in children: A developmental study in typically developing boys. <i>Gait and Posture</i> , 2017, 52, 40-44.	0.6	8
36	Postural control during a transition task in haemophilic children, adolescents and young adults with haemophilic ankle arthropathy. <i>Haemophilia</i> , 2018, 24, 667-674.	1.0	8

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37	Assessment of passive musculoarticular ankle stiffness in children, adolescents and young adults with haemophilic ankle arthropathy. <i>Haemophilia</i> , 2018, 24, e103-e112.	1.0	8
38	Subclassification of recreational runners with a running-related injury based on running kinematics evaluated with marker-based two-dimensional video analysis. <i>Physical Therapy in Sport</i> , 2020, 44, 99-106.	0.8	8
39	A color-code based method for the interpretation of plantar pressure measurements in clinical gait analysis. <i>Gait and Posture</i> , 2015, 41, 852-856.	0.6	7
40	A novel approach for the detection and exploration of joint coupling patterns in the lower limb kinetic chain. <i>Gait and Posture</i> , 2018, 62, 372-377.	0.6	7
41	The Biomechanical Behavior of Distal Foot Joints in Patients with Isolated, End-Stage Tibiotalar Osteoarthritis Is Not Altered Following Tibiotalar Fusion. <i>Journal of Clinical Medicine</i> , 2020, 9, 2594.	1.0	7
42	Deficits of ankle muscle strength not found in children, adolescents and young adults with haemophilic ankle arthropathy. <i>Haemophilia</i> , 2017, 23, e409-e418.	1.0	6
43	Pattern description and reliability parameters of six force-time related indices measured with plantar pressure measurements. <i>Gait and Posture</i> , 2013, 38, 824-829.	0.6	5
44	Foot segmental mobility during subphases of running: Comparative study between two striking patterns. <i>Gait and Posture</i> , 2017, 53, 127-130.	0.6	4
45	Clinical gait features are associated with MRI findings in patients with haemophilic ankle arthropathy. <i>Haemophilia</i> , 2020, 26, 333-339.	1.0	4
46	Dynamic in Vivo Subtalar Joint Kinematics Measured Using a Skin Marker-Based Protocol. <i>Journal of the American Podiatric Medical Association</i> , 2014, 104, 357-364.	0.2	3
47	Contribution of foot joints in the energetics of human running. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2020, 23, 557-563.	0.9	3
48	Blood-induced cartilage damage alters the ankle joint load during walking. <i>Journal of Orthopaedic Research</i> , 2020, 38, 2419-2428.	1.2	2
49	The biomechanical behaviour of ankle and foot joints during walking with shoes in patients with haemophilia. <i>Haemophilia</i> , 2020, 26, 726-734.	1.0	2
50	The biopsychosocial-digital continuum of foot orthosis practice and research: the VALUATOR model. <i>Journal of Foot and Ankle Research</i> , 2021, 14, 25.	0.7	2
51	A conceptual framework for contemporary professional foot care practice: The value based digital foot care framework™. <i>Journal of Foot and Ankle Research</i> , 2021, 14, 22.	0.7	2
52	Biomechanical maturation of foot joints in typically developing boys: Novel insight in mechanics and energetics from a cross-sectional study. <i>Gait and Posture</i> , 2021, 85, 244-250.	0.6	2
53	The Receptive and Propulsive Behavior of Human Foot Joints During Running With Different Striking Strategies. <i>Journal of Applied Biomechanics</i> , 2019, 35, 336-343.	0.3	2
54	Influence of heel drop height on COP trajectory. <i>Footwear Science</i> , 2015, 7, S114-S115.	0.8	1

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55	A novel magnet based 3D printed marker wand as basis for repeated in-shoe multi segment foot analysis: a proof of concept. <i>Journal of Foot and Ankle Research</i> , 2017, 10, 38.	0.7	1
56	Acquired multi-segment foot kinematics in haemophilic children, adolescents and young adults with or without haemophilic ankle arthropathy. <i>Haemophilia</i> , 2020, 26, 701-710.	1.0	1
57	Preliminary Evidence That Taping Does Not Optimize Joint Coupling of the Foot and Ankle Joints in Patients with Chronic Ankle Instability. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2029.	1.2	1
58	Posterior tibial tendon dysfunction alters the midfoot mechanics and energetics during gait. <i>Journal of Orthopaedic Research</i> , 2022, 40, 2196-2208.	1.2	1
59	Evidence for symmetrically reduced foot mechanics and energetics in patients after trimalleolar fracture repair: A cross-sectional study. <i>Gait and Posture</i> , 2022, 97, 13-20.	0.6	1
60	Paediatric patients with blood-induced ankle joint arthritis demonstrate physiological foot joint mechanics and energetics during walking. <i>Haemophilia</i> , 2020, 26, 907-915.	1.0	0
61	Clinical and Biomechanical Progression after Ankle Joint Distraction in a Young Adolescent Patient with Haemophilia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11405.	1.2	0