

# François Fraysse

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

844  
citations

516561

16  
h-index

552653

26  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1334  
citing authors

#	ARTICLE	IF	CITATIONS
1	User Engagement and Attrition in an App-Based Physical Activity Intervention: Secondary Analysis of a Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2019, 21, e14645.	2.1	81
2	A systematic literature review of tibial plateau fractures: What classifications are used and how reliable and useful are they?. <i>Injury</i> , 2018, 49, 473-490.	0.7	75
3	Comparability of Measured Acceleration from Accelerometry-Based Activity Monitors. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 201-210.	0.2	55
4	Compliance With Mobile Ecological Momentary Assessment of Self-Reported Health-Related Behaviors and Psychological Constructs in Adults: Systematic Review and Meta-analysis. <i>Journal of Medical Internet Research</i> , 2021, 23, e17023.	2.1	49
5	Changes in diet, activity, weight, and wellbeing of parents during COVID-19 lockdown. <i>PLoS ONE</i> , 2021, 16, e0248008.	1.1	45
6	Comparison of global and joint-to-joint methods for estimating the hip joint load and the muscle forces during walking. <i>Journal of Biomechanics</i> , 2009, 42, 2357-2362.	0.9	41
7	A method to investigate the effect of shoe-hole size on surface marker movement when describing in-shoe joint kinematics using a multi-segment foot model. <i>Gait and Posture</i> , 2015, 41, 295-299.	0.6	37
8	The Association of the Body Composition of Children with 24-Hour Activity Composition. <i>Journal of Pediatrics</i> , 2019, 208, 43-49.e9.	0.9	34
9	The Effect of Lunate Morphology on the 3-Dimensional Kinematics of the Carpus. <i>Journal of Hand Surgery</i> , 2015, 40, 81-89.e1.	0.7	30
10	Coordination of digit force variability during dominant and non-dominant sustained precision pinch. <i>Experimental Brain Research</i> , 2015, 233, 2053-2060.	0.7	26
11	Sleep: population epidemiology and concordance in Australian children aged 11-12 years and their parents. <i>BMJ Open</i> , 2019, 9, 127-135.	0.8	26
12	Sleep and cardiometabolic health in children and adults: examining sleep as a component of the 24-h day. <i>Sleep Medicine</i> , 2021, 78, 63-74.	0.8	25
13	Peak loading during walking is not associated with fracture migration following tibial plateau fracture: A preliminary case series. <i>Journal of Orthopaedic Research</i> , 2015, 33, 1398-1406.	1.2	24
14	Postoperative weight bearing and patient reported outcomes at one year following tibial plateau fractures. <i>Injury</i> , 2017, 48, 1650-1656.	0.7	24
15	Physical activity and sedentary activity: population epidemiology and concordance in Australian children aged 11-12 years and their parents. <i>BMJ Open</i> , 2019, 9, 136-146.	0.8	24
16	Patterns of correlation between vehicle occupant seat pressure and anthropometry. <i>Work</i> , 2012, 41, 2226-2231.	0.6	18
17	Introducing novel approaches for examining the variability of individuals' physical activity. <i>Journal of Sports Sciences</i> , 2015, 33, 457-466.	1.0	17
18	Physical Activity Intensity Cut-Points for Wrist-Worn GENEActiv in Older Adults. <i>Frontiers in Sports and Active Living</i> , 2020, 2, 579278.	0.9	17

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19	Annual, seasonal, cultural and vacation patterns in sleep, sedentary behaviour and physical activity: a systematic review and meta-analysis. BMC Public Health, 2021, 21, 1384.	1.2	17
20	Sleep and cardiometabolic risk: a cluster analysis of actigraphy-derived sleep profiles in adults and children. Sleep, 2021, 44, .	0.6	16
21	Life on holidays: study protocol for a 3-year longitudinal study tracking changes in children's fitness and fatness during the in-school versus summer holiday period. BMC Public Health, 2019, 19, 1353.	1.2	14
22	The sedentary behaviour and physical activity patterns of survivors of a critical illness over their acute hospitalisation: An observational study. Australian Critical Care, 2020, 33, 272-280.	0.6	13
23	Promoting physical activity in rural Australian adults using an online intervention. Journal of Science and Medicine in Sport, 2019, 22, 70-75.	0.6	12
24	Does compliance with healthy lifestyle behaviours cluster within individuals in Australian primary school-aged children?. Child: Care, Health and Development, 2018, 44, 117-123.	0.8	11
25	Comparison of anatomical, functional and regression methods for estimating the rotation axes of the forearm. Journal of Biomechanics, 2014, 47, 3488-3493.	0.9	10
26	A method for concise reporting of joint reaction forces orientation during gait. Journal of Biomechanics, 2016, 49, 3538-3542.	0.9	10
27	Bone health, activity and sedentariness at age 11-12 years: Cross-sectional Australian population-derived study. Bone, 2018, 112, 153-160.	1.4	10
28	A novel method to replicate the kinematics of the carpus using a six degree-of-freedom robot. Journal of Biomechanics, 2014, 47, 1091-1098.	0.9	9
29	Movement coordination patterns between the foot joints during walking. Journal of Foot and Ankle Research, 2017, 10, 47.	0.7	7
30	Sleep profiles of Australian children aged 11-12 years and their parents: sociodemographic characteristics and lifestyle correlates. Sleep Medicine, 2020, 73, 53-62.	0.8	7
31	Postoperative lower limb joint kinematics following tibial plateau fracture: A 2-year longitudinal study. Gait and Posture, 2021, 83, 20-25.	0.6	7
32	Annual rhythms in adults' lifestyle and health (ARIA): protocol for a 12-month longitudinal study examining temporal patterns in weight, activity, diet, and wellbeing in Australian adults. BMC Public Health, 2021, 21, 70.	1.2	6
33	Usage of Sit-Stand Workstations and Associations Between Work and Nonwork Sitting Time. Journal of Occupational and Environmental Medicine, 2018, 60, e268-e272.	0.9	5
34	Sleep and physical activity: When a null finding is not really a null finding. Sleep Medicine Reviews, 2020, 51, 101302.	3.8	5
35	Estimation of the Muscle Efforts of the Lower Limb during a Clutch Pedal Operation. , 2007, , .		4
36	Accelerometer wear-site detection: When one site does not suit all, all of the time. Journal of Science and Medicine in Sport, 2017, 20, 368-372.	0.6	4

#	ARTICLE	IF	CITATIONS
37	Study protocol for a 9-month randomised controlled trial assessing the effects of almonds versus carbohydrate-rich snack foods on weight loss and weight maintenance. <i>BMJ Open</i> , 2020, 10, e036542.	0.8	4
38	Are all MVPA minutes equal? Associations between MVPA characteristics, independent of duration, and childhood adiposity. <i>BMC Public Health</i> , 2021, 21, 1321.	1.2	4
39	3D modelling of tibial plateau fractures: Variability in fracture location and characteristics across Schatzker fracture types. <i>Injury</i> , 2021, 52, 2415-2424.	0.7	4
40	Longitudinal changes in lower limb joint loading up to two years following tibial plateau fracture. <i>Gait and Posture</i> , 2020, 78, 72-79.	0.6	3
41	Comparisons of Daily Energy Intake vs. Expenditure Using the GeneActiv Accelerometer in Elite Australian Football Athletes. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 1273-1278.	1.0	3
42	How does the size and shape of local populations in China compare to general anthropometric surveys currently used for product design?. <i>Work</i> , 2012, 41, 4088-4090.	0.6	2
43	The Simulation of the Whole-Body Vibration Experienced During Military Land Transit. <i>Human Factors and Mechanical Engineering for Defense and Safety</i> , 2018, 2, 1.	2.4	2
44	Changes in 24-Hour Physical Activity Patterns and Walking Gait Biomechanics After Primary Total Hip Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1166-1174.	1.4	2
45	The EIPHA-KNEE trial: Explaining Pain to target unhelpful pain beliefs to Increase PHysical Activity in KNEE osteoarthritis – a protocol for a multicentre, randomised controlled trial with clinical- and cost-effectiveness analysis. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 738.	0.8	2
46	Practices and risks associated with operation of tie-down lashings in the vehicle transport industry. <i>Ergonomics</i> , 2016, 59, 1661-1672.	1.1	1
47	Complications of trans arterial embolization during the resuscitation of pelvic fractures. <i>Injury</i> , 2017, 48, 2724-2729.	0.7	1
48	Are young children with asthma more likely to be less physically active?. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 288-294.	1.1	1
49	Effects of wearing a pressure redistribution belt while lying in a hospital bed. <i>Work</i> , 2012, 41, 2030-2036.	0.6	0
50	Development and evaluation of a method to define a tibial coordinate system through the fitting of geometric primitives. <i>International Biomechanics</i> , 2021, 8, 12-18.	0.9	0