Thibault Lussiana

List of Publications by Year
in descending order

29	347	1170033 9	993246 17
papers	citations	h-index	g-index

30	30	30	311
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	There Is No Global Running Pattern More Economic Than Another at Endurance Running Speeds. International Journal of Sports Physiology and Performance, 2022, 17, 659-662.	1.1	6
2	A Single Sacral-Mounted Inertial Measurement Unit to Estimate Peak Vertical Ground Reaction Force, Contact Time, and Flight Time in Running. Sensors, 2022, 22, 784.	2.1	8
3	Non-South East Asians have a better running economy and different anthropometrics and biomechanics than South East Asians. Scientific Reports, 2022, 12, 6291.	1.6	2
4	The Nike Vaporfly 4%: a game changer to improve performance without biomechanical explanation yet. Footwear Science, 2022, 14, 147-150.	0.8	9
5	PIMP Your Stride: Preferred Running Form to Guide Individualized Injury Rehabilitation. Frontiers in Rehabilitation Sciences, 2022, 3, .	0.5	0
6	Footstrike pattern at the 10â€‰km and 39â€‰km points of the Singapore marathon in recreational runners. Footwear Science, 2021, 13, 43-53.	0.8	7
7	Does Characterizing Global Running Pattern Help to Prescribe Individualized Strength Training in Recreational Runners?. Frontiers in Physiology, 2021, 12, 631637.	1.3	3
8	The effect of natural preferences on serving biomechanics: a new approach to the motor skills of tennis players. Coaching & Sport Science Review, 2021, 29, 15-17.	0.3	0
9	Different plantar flexors neuromuscular and mechanical characteristics depending on the preferred running form. Journal of Electromyography and Kinesiology, 2021, 59, 102568.	0.7	1
10	Both a single sacral marker and the whole-body center of mass accurately estimate peak vertical ground reaction force in running. Gait and Posture, 2021, 89, 186-192.	0.6	7
11	Estimating effective contact and flight times using a sacral-mounted inertial measurement unit. Journal of Biomechanics, 2021, 127, 110667.	0.9	2
12	A novel kinematic detection of foot-strike and toe-off events during noninstrumented treadmill running to estimate contact time. Journal of Biomechanics, 2021, 128, 110737.	0.9	6
13	A Multivariate Polynomial Regression to Reconstruct Ground Contact and Flight Times Based on a Sine Wave Model for Vertical Ground Reaction Force and Measured Effective Timings. Frontiers in Bioengineering and Biotechnology, 2021, 9, 687951.	2.0	0
14	Duty Factor Reflects Lower Limb Kinematics of Running. Applied Sciences (Switzerland), 2020, 10, 8818.	1.3	13
15	Predicting Temporal Gait Kinematics: Anthropometric Characteristics and Global Running Pattern Matter. Frontiers in Physiology, 2020, 11, 625557.	1.3	2
16	Recognition of Foot Strike Pattern in Asian Recreational Runners. Sports, 2019, 7, 147.	0.7	10
17	The implications of time on the ground on running economy: less is not always better. Journal of Experimental Biology, 2019, 222, .	0.8	33
18	Duty Factor Is a Viable Measure to Classify Spontaneous Running Forms. Sports, 2019, 7, 233.	0.7	8

#	Article	IF	Citations
19	Motor preferences in running and quiet standing. Science and Sports, 2018, 33, e249-e252.	0.2	1
20	Do subjective assessments of running patterns reflect objective parameters?. European Journal of Sport Science, 2017, 17, 847-857.	1.4	17
21	Similar Running Economy With Different Running Patterns Along the Aerial-Terrestrial Continuum. International Journal of Sports Physiology and Performance, 2017, 12, 481-489.	1.1	23
22	Feel your stride and find your preferred running speed. Biology Open, 2016, 5, 45-48.	0.6	16
23	Biomechanical Changes During a 50-minute Run in Different Footwear and on Various Slopes. Journal of Applied Biomechanics, 2016, 32, 40-49.	0.3	18
24	Aerial and Terrestrial Patterns: A Novel Approach to Analyzing Human Running. International Journal of Sports Medicine, 2016, 37, 25-26.	0.8	35
25	Reliability and validity of the MyotestÂ® for measuring running stride kinematics. Journal of Sports Sciences, 2016, 34, 664-670.	1.0	32
26	Effect of minimal shoes and slope on vertical and leg stiffness during running. Journal of Sport and Health Science, 2015, 4, 195-202.	3.3	34
27	Les chaussures minimalistes modifient-elles la raideur musculotendineuse lors de la course Ã piedÂ?. Science and Sports, 2013, 28, 335-337.	0.2	1
28	Effect of slope and footwear on running economy and kinematics. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, e246-53.	1.3	46
29	Examination of running pattern consistency across speeds. Sports Biomechanics, 0, , 1-15.	0.8	2