

Antonis Ekizos

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

593
citations

623734

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h-index

940533

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g-index

19
all docs

19
docs citations

19
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenging human locomotion: stability and modular organisation in unsteady conditions. Scientific Reports, 2018, 8, 2740.	3.3	113
2	On the Methodological Implications of Extracting Muscle Synergies from Human Locomotion. International Journal of Neural Systems, 2017, 27, 1750007.	5.2	83
3	Neuromotor Dynamics of Human Locomotion in Challenging Settings. IScience, 2020, 23, 100796.	4.1	52
4	A Pressure Plate-Based Method for the Automatic Assessment of Foot Strike Patterns During Running. Annals of Biomedical Engineering, 2016, 44, 1646-1655.	2.5	39
5	Modular Control of Human Movement During Running: An Open Access Data Set. Frontiers in Physiology, 2018, 9, 1509.	2.8	37
6	Transition from shod to barefoot alters dynamic stability during running. Gait and Posture, 2017, 56, 31-36.	1.4	35
7	Muscle Activation Patterns Are More Constrained and Regular in Treadmill Than in Overground Human Locomotion. Frontiers in Bioengineering and Biotechnology, 2020, 8, 581619.	4.1	32
8	Lower complexity of motor primitives ensures robust control of high-speed human locomotion. Heliyon, 2020, 6, e05377.	3.2	31
9	The Influence of Footwear on the Modular Organization of Running. Frontiers in Physiology, 2017, 8, 958.	2.8	29
10	Neuromuscular organisation and robustness of postural control in the presence of perturbations. Scientific Reports, 2019, 9, 12273.	3.3	27
11	The Maximum Lyapunov Exponent During Walking and Running: Reliability Assessment of Different Marker-Sets. Frontiers in Physiology, 2018, 9, 1101.	2.8	25
12	Fuzziness of muscle synergies in patients with multiple sclerosis indicates increased robustness of motor control during walking. Scientific Reports, 2020, 10, 7249.	3.3	25
13	Short- and long-term effects of altered point of ground reaction force application on human running energetics. Journal of Experimental Biology, 2018, 221, .	1.7	22
14	Modular control during incline and level walking in humans. Journal of Experimental Biology, 2017, 220, 807-813.	1.7	19
15	Swaying slower reduces the destabilizing effects of a compliant surface on voluntary sway dynamics. PLoS ONE, 2019, 14, e0226263.	2.5	11
16	Runners Employ Different Strategies to Cope With Increased Speeds Based on Their Initial Strike Patterns. Frontiers in Physiology, 2021, 12, 686259.	2.8	3