

Mauricio Cerda

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

276
citations

1163117

8
h-index

940533

16
g-index

26
all docs

26
docs citations

26
times ranked

355
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometrical characterization of active contraction pulses in epithelial cells using the two-dimensional vertex model. <i>Journal of the Royal Society Interface</i> , 2022, 19, 20210851.	3.4	4
2	The dendritic ERGIC: Microtubule and actin cytoskeletons participate in <sc>stop&end&go</sc> movement of mobile carriers between stable structures. <i>Traffic</i> , 2022, 23, 174-187.	2.7	1
3	Altered neural control of gait and its association with pain and joint impairment in adults with haemophilic arthropathy: Clinical and methodological implications. <i>Haemophilia</i> , 2022, 28, 497-504.	2.1	3
4	Ryanodine receptor-mediated Ca ²⁺ release and atlastin-2 GTPase activity contribute to IP3-induced dendritic Ca ²⁺ signals in primary hippocampal neurons. <i>Cell Calcium</i> , 2021, 96, 102399.	2.4	7
5	RyR-mediated Ca ²⁺ release elicited by neuronal activity induces nuclear Ca ²⁺ signals, CREB phosphorylation, and Npas4/RyR2 expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
6	Modular reorganization of gait in chronic but not in artificial knee joint constraint. <i>Journal of Neurophysiology</i> , 2021, 126, 516-531.	1.8	3
7	Exergames and Telerehabilitation on Smartphones to Improve Balance in Stroke Patients. <i>Brain Sciences</i> , 2020, 10, 773.	2.3	24
8	Aquatic community structure as sentinel of recent environmental changes unraveled from lake sedimentary records from the Atacama Desert, Chile. <i>PLoS ONE</i> , 2020, 15, e0229453.	2.5	6
9	A new 20th century lake sedimentary record from the Atacama Desert/Chile reveals persistent PDO (Pacific Decadal Oscillation) impact. <i>Journal of South American Earth Sciences</i> , 2019, 95, 102302.	1.4	10
10	Neuromuscular control during gait in people with haemophilic arthropathy. <i>Haemophilia</i> , 2019, 25, e69-e77.	2.1	13
11	Assessment of tensile mechanical properties of the Achilles tendon in adult patients with haemophilic arthropathy. Reproducibility study. <i>Haemophilia</i> , 2019, 25, e27-e29.	2.1	3
12	A high-speed tracking algorithm for dense granular media. <i>Computer Physics Communications</i> , 2018, 227, 8-16.	7.5	10
13	Nutrient budgets in the Piratinga-Itaipu lagoon system (southeastern Brazil): effects of sea-exchange management. <i>Latin American Journal of Aquatic Research</i> , 2017, 41, 226-238.	0.6	13
14	Coupling fallout ²¹⁰ Pb and stable isotopes (¹³ C, ¹⁵ N) for catchment urbanization reconstruction in southeastern coastal zone of Brazil. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 1021-1032.	1.5	6
15	<i>In vivo</i> relationship between pelvis motion and deep fascia displacement of the medial gastrocnemius: anatomical and functional implications. <i>Journal of Anatomy</i> , 2015, 227, 665-672.	1.5	41
16	<i>Trypanosoma cruzi</i> infectivity assessment in <i>in vitro</i> culture systems by automated cell counting. <i>Acta Tropica</i> , 2015, 143, 47-50.	2.0	8
17	Bleomycin-induced ³ H2AX foci map preferentially to replicating domains in CHO9 interphase nuclei. <i>Chromosome Research</i> , 2014, 22, 463-481.	2.2	9
18	<i>Trypanosoma cruzi</i> induces differentiation of the trophoblast. <i>Placenta</i> , 2013, 34, A78.	1.5	0

#	ARTICLE	IF	CITATIONS
19	Asymmetry in neural fields: a spatiotemporal encoding mechanism. <i>Biological Cybernetics</i> , 2013, 107, 161-178.	1.3	8
20	Animation of generic 3D head models driven by speech. , 2011, , .		1
21	Generic Face Animation. , 2010, , .		1
22	Bio-inspired Speed Detection and Discrimination. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2010, , 167-176.	0.3	0
23	Flexible Architecture for Three Classes of Optical Flow Extraction Algorithms. , 2008, , .		1
24	Experimental transplants of the large kelp <i>Lessonia nigrescens</i> (Phaeophyceae) in high-energy wave exposed rocky intertidal habitats of northern Chile: Experimental, restoration and management applications. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 335, 13-18.	1.5	51
25	Diversidad y biomasa de macro-invertebrados en matrices intermareales del tunicado <i>Pyura praeputialis</i> (Heller, 1878) en la Bahía de Antofagasta, Chile. <i>Revista Chilena De Historia Natural</i> , 2001, 74, .	1.2	29