

Marco Laurino

List of Publications by Year in descending order

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55
papers

1,004
citations

567281

15
h-index

477307

29
g-index

59
all docs

59
docs citations

59
times ranked

1146
citing authors

#	ARTICLE	IF	CITATIONS
1	A Systematic Review on the Role of Substance Consumption in Work-Related Road Traffic Crashes Reveals the Importance of Biopsychosocial Factors in Prevention. Behavioral Sciences (Basel, TJ ETQq1 1 0.7843142rgBT /Overlock 10		
2	Exploiting Resistive Matrix Technology to Build a Stretchable Sensorised Sock for Gait Analysis in Daily Life. Sensors, 2022, 22, 1761.	3.8	3
3	Healthy aging: the INTECMAN project. Aging Clinical and Experimental Research, 2021, 33, 2011-2015.	2.9	2
4	Attention-Dependent Physiological Correlates in Sleep-Deprived Young Healthy Humans. Behavioral Sciences (Basel, Switzerland), 2021, 11, 22.	2.1	2
5	Sport in Town: The Smart Healthy ENV Project, a Pilot Study of Physical Activity with Multiparametric Monitoring. International Journal of Environmental Research and Public Health, 2021, 18, 2432.	2.6	3
6	Textile-Based Pressure Sensing Matrix for In-Bed Monitoring of Subject Sleeping Posture and Breathing Activity. Applied Sciences (Switzerland), 2021, 11, 2552.	2.5	25
7	Persistently Elevated Heart Rate Alters EEG Patterns and Locomotor Behavior in Mice. FASEB Journal, 2021, 35, .	0.5	0
8	Moving Auto-Correlation Window Approach for Heart Rate Estimation in Ballistocardiography Extracted by Mattress-Integrated Accelerometers. Sensors, 2020, 20, 5438.	3.8	9
9	Potential markers of healing from near infrared spectroscopy imaging of venous leg ulcer. A randomized controlled clinical trial comparing conventional with hyperbaric oxygen treatment. Wound Repair and Regeneration, 2020, 28, 856-866.	3.0	14
10	Recognition of Cutaneous Melanoma on Digitized Histopathological Slides via Artificial Intelligence Algorithm. Frontiers in Oncology, 2020, 10, 1559.	2.8	38
11	Comparative Study of the Restorative Effects of Forest and Urban Videos during COVID-19 Lockdown: Intrinsic and Benchmark Values. International Journal of Environmental Research and Public Health, 2020, 17, 8011.	2.6	46
12	Sleep slow oscillations favour local cortical plasticity underlying the consolidation of reinforced procedural learning in human sleep. Journal of Sleep Research, 2020, 29, e13117.	3.2	12
13	A Smart Bed for Non-Obtrusive Sleep Analysis in Real World Context. IEEE Access, 2020, 8, 45664-45673.	4.2	32
14	The PERFORM Mask: A Psychophysiological sEnsoRs Mask FOr Real-Life Cognitive Monitoring. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 86-93.	0.3	2
15	A SmartBed for Non-obtrusive Physiological Monitoring During Sleep: The LAID Project. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 153-162.	0.3	1
16	Preliminary Assessment of a Smart Mattress for Position and Breathing Sensing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 249-255.	0.3	3
17	SAT-393 Cognitive Function Evaluation in an Italian Cohort of Patients with Post-Operative Hypoparathyroidism. Journal of the Endocrine Society, 2020, 4, .	0.2	0
18	Local Gamma Activity During Non-REM Sleep in the Context of Sensory Evoked K-Complexes. Frontiers in Neuroscience, 2019, 13, 1094.	2.8	11

#	ARTICLE	IF	CITATIONS
19	Models for optimally controlling varicella and herpes zoster by varicella vaccination: a comparative study. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 1121-1132.	2.8	2
20	Machine versus man in skin cancer diagnosis. <i>Lancet Oncology</i> , The, 2019, 20, 891-892.	10.7	3
21	Ultra-slow mechanical stimulation of olfactory epithelium modulates consciousness by slowing cerebral rhythms in humans. <i>Scientific Reports</i> , 2018, 8, 6581.	3.3	32
22	How Breath-Control Can Change Your Life: A Systematic Review on Psycho-Physiological Correlates of Slow Breathing. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 353.	2.0	294
23	Association of the hOCT1/ABCB1 genotype with efficacy and tolerability of imatinib in patients affected by chronic myeloid leukemia. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 79, 767-773.	2.3	12
24	Brain connectivity is altered by extreme physical exercise during non-REM sleep and wakefulness: indication from EEG and fMRI studies. <i>Archives Italiennes De Biologie</i> , 2017, 154, 103-117.	0.4	1
25	Cardiovascular and respiratory effects of the neoprene wetsuit in non-immersed divers. <i>Undersea and Hyperbaric Medicine</i> , 2017, 44, 141-147.	0.3	2
26	Perspectives on optimal control of varicella and herpes zoster by mass routine varicella vaccination. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160054.	2.6	16
27	A Classification method for eye movements direction during REM sleep trained on wake electro-oculographic recordings. , 2015, 2015, 370-3.		3
28	Procoagulant control strategies for the human blood clotting process. , 2015, 2015, 4439-42.		1
29	Self-organized dynamical complexity in human wakefulness and sleep: Different critical brain-activity feedback for conscious and unconscious states. <i>Physical Review E</i> , 2015, 92, 032808.	2.1	40
30	Psycho-physiological tele-monitoring of human operators in commercial diving: The Life Support System in the SUONO project. , 2015, 2015, 194-7.		3
31	Pattern recognition with adaptive-thresholds for sleep spindle in high density EEG signals. , 2015, 2015, 594-7.		0
32	Looking for a precursor of spontaneous Sleep Slow Oscillations in human sleep: The role of the sigma activity. <i>International Journal of Psychophysiology</i> , 2015, 97, 99-107.	1.0	6
33	Linking Sleep Slow Oscillation with consciousness theories: new vistas on slow wave Sleep unconsciousness. <i>Archives Italiennes De Biologie</i> , 2015, 153, 135-43.	0.4	11
34	Combined Famd and ANOVA Investigation Leads to Significant Association Between the hOCT1/ABCB1 DiploTYPE and Both Efficacy and Tolerability in Patients Affected By Chronic Myeloid Leukemia. <i>Blood</i> , 2015, 126, 4838-4838.	1.4	0
35	Parameters identification of HIV dynamic models for HAART treated patients: A comparative study. , 2014, , .		0
36	Disentangling different functional roles of evoked K-complex components: Mapping the sleeping brain while quenching sensory processing. <i>NeuroImage</i> , 2014, 86, 433-445.	4.2	48

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37	How stressful are 105days of isolation? Sleep EEG patterns and tonic cortisol in healthy volunteers simulating manned flight to Mars. International Journal of Psychophysiology, 2014, 93, 211-219.	1.0	73
38	Sleep unconsciousness and breakdown of serial critical intermittency: New vistas on the global workspace. Chaos, Solitons and Fractals, 2013, 55, 32-43.	5.1	20
39	Identification and experimental validation of an HIV model for HAART treated patients. Computer Methods and Programs in Biomedicine, 2013, 112, 432-440.	4.7	3
40	Fragments of wake-like activity frame down-states of sleep slow oscillations in humans: New vistas for studying homeostatic processes during sleep. International Journal of Psychophysiology, 2013, 89, 151-157.	1.0	23
41	Scaling and intermittency of brain events as a manifestation of consciousness. , 2013, , .		17
42	Detection and removal of ocular artifacts from EEG signals for an automated REM sleep analysis. , 2013, 2013, 5079-82.		8
43	Combining pharmacological therapy and vaccination in Chronic Myeloid Leukemia via model predictive control. , 2013, 2013, 3925-8.		1
44	Interactions between immune, stress-related hormonal and cardiovascular systems following strenuous physical exercise. Archives Italiennes De Biologie, 2013, 151, 126-36.	0.4	11
45	Thalamic contribution to Sleep Slow Oscillation features in humans: A single case cross sectional EEG study in Fatal Familial Insomnia. Sleep Medicine, 2012, 13, 946-952.	1.6	28
46	Sleep unconsciousness and the fragmentation of the global workspace. International Journal of Psychophysiology, 2012, 85, 332-333.	1.0	0
47	Mind-body relationships in elite apnea divers during breath holding: a study of autonomic responses to acute hypoxemia. Frontiers in Neuroengineering, 2012, 5, 4.	4.8	20
48	Comparative study of morphological ECG features classifiers: An application on athletes undergone to acute physical stress. , 2011, , .		4
49	Adaptive filtering for removing nonstationary physiological noise from resting state fMRI BOLD signals. , 2011, , .		1
50	A Model Predictive Control Strategy Toward Optimal Structured Treatment Interruptions in Anti-HIV Therapy. IEEE Transactions on Biomedical Engineering, 2010, 57, 1040-1050.	4.2	44
51	On the use of Nonlinear Model Predictive Control for pharmacological therapy optimization. , 2010, , .		0
52	Artificial Neural Networks for nonlinear regression and classification. , 2010, , .		19
53	Extraction and Synchronization of BOLD Spontaneous Oscillations Using Singular Spectrum Analysis. , 2009, , .		0
54	Modelling and control of HIV dynamics. Computer Methods and Programs in Biomedicine, 2008, 89, 162-168.	4.7	40

#	ARTICLE	IF	CITATIONS
55	Physiological Cybernetics: An Old-Novel Approach for Students in Biomedical Systems. , 0, , .		1