

# Mario Lavanga

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4126583/publications.pdf>

Version: 2024-02-01

13  
papers

257  
citations

1307594

7  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Results of quantitative EEG analysis are associated with autism spectrum disorder and development abnormalities in infants with tuberous sclerosis complex. <i>Biomedical Signal Processing and Control</i> , 2021, 68, 102658.	5.7	7
2	The effect of early procedural pain in preterm infants on the maturation of electroencephalogram and heart rate variability. <i>Pain</i> , 2021, 162, 1556-1566.	4.2	10
3	A Bradycardia-Based Stress Calculator for the Neonatal Intensive Care Unit: A Multisystem Approach. <i>Frontiers in Physiology</i> , 2020, 11, 741.	2.8	7
4	Prediction of Neurodevelopment in Infants With Tuberous Sclerosis Complex Using Early EEG Characteristics. <i>Frontiers in Neurology</i> , 2020, 11, 582891.	2.4	19
5	Maturation of the Autonomic Nervous System in Premature Infants: Estimating Development Based on Heart-Rate Variability Analysis. <i>Frontiers in Physiology</i> , 2020, 11, 581250.	2.8	7
6	A perinatal stress calculator for the neonatal intensive care unit: an unobtrusive approach. <i>Physiological Measurement</i> , 2020, 41, 075012.	2.1	3
7	Decomposition of a Multiscale Entropy Tensor for Sleep Stage Identification in Preterm Infants. <i>Entropy</i> , 2019, 21, 936.	2.2	8
8	Measurement of Neurovascular Coupling in Neonates. <i>Frontiers in Physiology</i> , 2019, 10, 65.	2.8	61
9	A brain-age model for preterm infants based on functional connectivity. <i>Physiological Measurement</i> , 2018, 39, 044006.	2.1	17
10	Quiet sleep detection in preterm infants using deep convolutional neural networks. <i>Journal of Neural Engineering</i> , 2018, 15, 066006.	3.5	47
11	The possible role of the vagal nervous system in the recovery of the blood pressure control after cardiac arrest: a porcine model study. <i>Physiological Measurement</i> , 2017, 38, 63-76.	2.1	4
12	Monitoring Effective Connectivity in the Preterm Brain: A Graph Approach to Study Maturation. <i>Complexity</i> , 2017, 2017, 1-13.	1.6	8
13	Complexity Analysis of Neonatal EEG Using Multiscale Entropy: Applications in Brain Maturation and Sleep Stage Classification. <i>Entropy</i> , 2017, 19, 516.	2.2	52