

Kirubin Pillay

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2045107/publications.pdf>

Version: 2024-02-01

9
papers

312
citations

1306789

7
h-index

1588620

8
g-index

9
all docs

9
docs citations

9
times ranked

258
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of sleep-EEG in preterm and term neonates. <i>Early Human Development</i> , 2017, 113, 87-103.	0.8	99
2	An Automated Quiet Sleep Detection Approach in Preterm Infants as a Gateway to Assess Brain Maturation. <i>International Journal of Neural Systems</i> , 2017, 27, 1750023.	3.2	55
3	Automated EEG sleep staging in the term-age baby using a generative modelling approach. <i>Journal of Neural Engineering</i> , 2018, 15, 036004.	1.8	51
4	A convolutional neural network outperforming state-of-the-art sleep staging algorithms for both preterm and term infants. <i>Journal of Neural Engineering</i> , 2020, 17, 016028.	1.8	41
5	Neonatal EEG sleep stage classification based on deep learning and HMM. <i>Journal of Neural Engineering</i> , 2020, 17, 036031.	1.8	29
6	Applying a data-driven approach to quantify EEG maturational deviations in preterms with normal and abnormal neurodevelopmental outcomes. <i>Scientific Reports</i> , 2020, 10, 7288.	1.6	20
7	A Deep Shared Multi-Scale Inception Network Enables Accurate Neonatal Quiet Sleep Detection With Limited EEG Channels. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 1023-1033.	3.9	13
8	Functional brain maturation and sleep organisation in neonates with congenital heart disease. <i>European Journal of Paediatric Neurology</i> , 2022, 36, 115-122.	0.7	3
9	A Bayesian parametric model for quantifying brain maturation from sleep-EEG in the vulnerable newborn baby. , 2018, 2018, 1-4.		1