Kirubin Pillay

List of Publications by Year
in descending order

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