Ryan G L Koh

List of Publications by Year
in descending order

12 papers	127 citations	1478505 6 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	160 citing authors

#	Article	IF	Citations
1	Selective peripheral nerve recordings from nerve cuff electrodes using convolutional neural networks. Journal of Neural Engineering, 2020, 17, 016042.	3.5	30
2	Classification of naturally evoked compound action potentials in peripheral nerve spatiotemporal recordings. Scientific Reports, 2019, 9, 11145.	3.3	24
3	Use of spatiotemporal templates for pathway discrimination in peripheral nerve recordings: a simulation study. Journal of Neural Engineering, 2017, 14, 016013.	3.5	19
4	Influence of Anatomical Detail and Tissue Conductivity Variations in Simulations of Multi-Contact Nerve Cuff Recordings. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 1653-1662.	4.9	15
5	EEG-Controlled Functional Electrical Stimulation Therapy With Automated Grasp Selection: A Proof-of-Concept Study. Topics in Spinal Cord Injury Rehabilitation, 2018, 24, 265-274.	1.8	14
6	Compensation Strategies for Bioelectric Signal Changes in Chronic Selective Nerve Cuff Recordings: A Simulation Study. Sensors, 2021, 21, 506.	3.8	6
7	Tutorial: a guide to techniques for analysing recordings from the peripheral nervous system. Journal of Neural Engineering, 2022, 19, 042001.	3.5	6
8	Effects of the choice of reference on the selectivity of a multi-contact nerve cuff electrode. , 2016, 2016, 4443-4446.		2
9	A randomized double blinded placebo controlled study to evaluate motor unit abnormalities after experimentally induced sensitization using capsaicin. Scientific Reports, 2021, 11, 13793.	3.3	2
10	Effect of Neighbourhood Size in Entropy Mapping of Ultrasound Images. , 2020, 2020, 2015-2018.		1
11	Impact of Encapsulation Tissue Growth on Selective Recording in Nerve Cuff Electrodes: A Simulation Study. , 2020, 2020, 3444-3447.		0
12	Compensating for Electrode Contact Failures in Chronic Selective Nerve Cuff Recordings: A Simulation Study. , 2020, , .		0