

Ryan G L Koh

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

127
citations

1478505

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h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Tutorial: a guide to techniques for analysing recordings from the peripheral nervous system. Journal of Neural Engineering, 2022, 19, 042001.	3.5	6
2	Compensation Strategies for Bioelectric Signal Changes in Chronic Selective Nerve Cuff Recordings: A Simulation Study. Sensors, 2021, 21, 506.	3.8	6
3	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
4	Selective peripheral nerve recordings from nerve cuff electrodes using convolutional neural networks. Journal of Neural Engineering, 2020, 17, 016042.	3.5	30
5	Effect of Neighbourhood Size in Entropy Mapping of Ultrasound Images. , 2020, 2020, 2015-2018.		1
6	Impact of Encapsulation Tissue Growth on Selective Recording in Nerve Cuff Electrodes: A Simulation Study. , 2020, 2020, 3444-3447.		0
7	Compensating for Electrode Contact Failures in Chronic Selective Nerve Cuff Recordings: A Simulation Study. , 2020, , .		0
8	Classification of naturally evoked compound action potentials in peripheral nerve spatiotemporal recordings. Scientific Reports, 2019, 9, 11145.	3.3	24
9	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
10	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
11	Use of spatiotemporal templates for pathway discrimination in peripheral nerve recordings: a simulation study. Journal of Neural Engineering, 2017, 14, 016013.	3.5	19
12	Effects of the choice of reference on the selectivity of a multi-contact nerve cuff electrode. , 2016, 2016, 4443-4446.		2