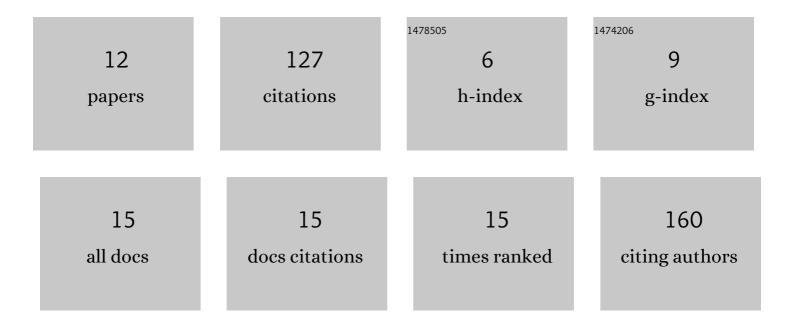
Ryan G L Koh

List of Publications by Year in descending order

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RVAN CL KOH

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Selective peripheral nerve recordings from nerve cuff electrodes using convolutional neural 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 |