

Cheikh Latyr Fall

List of Publications by Year in descending order

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11
papers

702
citations

1478505

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1872680

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11
docs citations

11
times ranked

749
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning for Electromyographic Hand Gesture Signal Classification Using Transfer Learning. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 760-771.	4.9	440
2	Transfer learning for sEMG hand gestures recognition using convolutional neural networks. , 2017, , .		107
3	A Wireless Respiratory Monitoring System Using a Wearable Patch Sensor Network. IEEE Sensors Journal, 2019, 19, 650-657.	4.7	54
4	Wireless sEMG-Based Bodyâ€“Machine Interface for Assistive Technology Devices. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 967-977.	6.3	27
5	A Multimodal Adaptive Wireless Control Interface for People With Upper-Body Disabilities. IEEE Transactions on Biomedical Circuits and Systems, 2018, 12, 564-575.	4.0	24
6	Intuitive wireless control of a robotic arm for people living with an upper body disability. , 2015, 2015, 4399-402.		22
7	Detection of Neuromuscular Activity Using New Non-Invasive and Flexible Multimaterial Fiber Dry-Electrodes. IEEE Sensors Journal, 2019, 19, 11624-11633.	4.7	9
8	A Wearable Sensor Network With Embedded Machine Learning for Real-Time Motion Analysis and Complex Posture Detection. IEEE Sensors Journal, 2022, 22, 7868-7876.	4.7	9
9	Non-Invasive and Flexible Electrodes Based on Multimaterial Fiber for sEMG Signal Detection. , 2018, , .		6
10	A multimodal adaptive wireless control interface for people with upper-body disabilities. , 2017, , .		3
11	A Multichannel Wireless sEMG Sensor Endowing a $0.13 \mu\text{m}$ CMOS Mixed-Signal SoC. , 2018, , .		1