

# Yiran Lang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1501593/publications.pdf>

Version: 2024-02-01

18  
papers

346  
citations

1478505

6  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gesture recognition based on sEMG using multi-attention mechanism for remote control. <i>Neural Computing and Applications</i> , 2023, 35, 13839-13849.	5.6	7
2	Effect of neuromorphic transcutaneous electrical nerve stimulation (nTENS) of cortical functional networks on tactile perceptions: an event-related electroencephalogram study. <i>Journal of Neural Engineering</i> , 2022, 19, 026017.	3.5	4
3	Unexpected Terrain Induced Changes in Cortical Activity in Bipedal-Walking Rats. <i>Biology</i> , 2022, 11, 36.	2.8	1
4	Electrocortical activity in freely walking rats varies with environmental conditions. <i>Brain Research</i> , 2021, 1751, 147188.	2.2	6
5	Rat Locomotion Detection Based on Brain Functional Directed Connectivity from Implanted Electroencephalography Signals. <i>Brain Sciences</i> , 2021, 11, 345.	2.3	2
6	Low-Intensity Focused Ultrasound-Mediated Attenuation of Acute Seizure Activity Based on EEG Brain Functional Connectivity. <i>Brain Sciences</i> , 2021, 11, 711.	2.3	15
7	Association between cortical thickness and distinct vascular cognitive impairment and dementia in patients with white matter lesions. <i>Experimental Physiology</i> , 2021, 106, 1612-1620.	2.0	2
8	Different Modes of Low-Frequency Focused Ultrasound-Mediated Attenuation of Epilepsy Based on the Topological Theory. <i>Micromachines</i> , 2021, 12, 1001.	2.9	6
9	Multisite Simultaneous Neural Recording of Motor Pathway in Free-Moving Rats. <i>Biosensors</i> , 2021, 11, 503.	4.7	2
10	The lateralization of left hippocampal CA3 during the retrieval of spatial working memory. <i>Nature Communications</i> , 2020, 11, 2901.	12.8	37
11	A Robust Real-Time Detecting and Tracking Framework for Multiple Kinds of Unmarked Object. <i>Sensors</i> , 2020, 20, 2.	3.8	23
12	Tactile priming accelerates conscious access to continuous flash-suppressed characters. <i>Experimental Physiology</i> , 2019, 104, 1711-1716.	2.0	2
13	sEMG-Based Hand-Gesture Classification Using a Generative Flow Model. <i>Sensors</i> , 2019, 19, 1952.	3.8	17
14	Continuous Flash Suppression Inhibits Semantic Processing of Chinese Characters with Unawareness: An Event-Related Potential Study. <i>Journal of Behavioral and Brain Science</i> , 2018, 08, 574-586.	0.5	3
15	Wireless Neurosensor for Full-Spectrum Electrophysiology Recordings during Free Behavior. <i>Neuron</i> , 2014, 84, 1170-1182.	8.1	200
16	Encoding-based brain-computer interface controlled by non-motor area of rat brain. <i>Science China Life Sciences</i> , 2011, 54, 841-853.	4.9	6
17	Hemodynamic Responses of Rat Brain Measured by Near-infrared Spectroscopy During Various Whisker Stimulations. <i>Journal of the Optical Society of Korea</i> , 2009, 13, 166-170.	0.6	8
18	Development of a Neuron Based Internet Game Driven by a Brain-Computer Interface System. , 2006, , .		5