

Jung Ho Yoon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9760880/publications.pdf>

Version: 2024-02-01

13
papers

1,695
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

2061
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully memristive neural networks for pattern classification with unsupervised learning. Nature Electronics, 2018, 1, 137-145.	26.0	787
2	An artificial nociceptor based on a diffusive memristor. Nature Communications, 2018, 9, 417.	12.8	295
3	Capacitive neural network with neuro-transistors. Nature Communications, 2018, 9, 3208.	12.8	199
4	Nociceptive Memristor. Advanced Materials, 2018, 30, 1704320.	21.0	116
5	Truly Electroforming-Free and Low-Energy Memristors with Preconditioned Conductive Tunneling Paths. Advanced Functional Materials, 2017, 27, 1702010.	14.9	75
6	A Low-Current and Analog Memristor with Ru as Mobile Species. Advanced Materials, 2020, 32, e1904599.	21.0	59
7	A Memristor with Low Switching Current and Voltage for 1S1R Integration and Array Operation. Advanced Electronic Materials, 2020, 6, 1901411.	5.1	51
8	Double-Layer-Stacked One Diode-One Resistive Switching Memory Crossbar Array with an Extremely High Rectification Ratio of 10^9 . Advanced Electronic Materials, 2017, 3, 1700152.	5.1	42
9	An efficient analog Hamming distance comparator realized with a unipolar memristor array: a showcase of physical computing. Scientific Reports, 2017, 7, 40135.	3.3	27
10	Artificial Adaptive and Maladaptive Sensory Receptors Based on a Surface-Dominated Diffusive Memristor. Advanced Science, 2022, 9, e2103484.	11.2	26
11	Area-Type Electronic Bipolar Resistive Switching of Pt/Al ₂ O ₃ /Si ₃ N ₄ /Ti with Forming-Free, Self-Rectification, and Nonlinear Characteristics. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000209.	2.4	9
12	Multi-Level Control of Conductive Filament Evolution and Enhanced Resistance Controllability of the Cone Structure Embedded Conductive Bridge Random Access Memory. Advanced Electronic Materials, 2020, 6, 2100209.	5.1	6
13	Low Energy and Analog Memristor Enabled by Regulation of Ru ion Motion for High Precision Neuromorphic Computing. Advanced Electronic Materials, 2022, 8, .	5.1	3