

Jung Ho Yoon

List of Publications by Year in descending order

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13
papers

1,695
citations

933447

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1199594

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docs citations

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times ranked

2061
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial Adaptive and Maladaptive Sensory Receptors Based on a Surface-Dominated Diffusive Memristor. <i>Advanced Science</i> , 2022, 9, e2103484.	11.2	26
2	Low Energy and Analog Memristor Enabled by Regulation of Ru ion Motion for High Precision Neuromorphic Computing. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	3
3	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. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 2000209.	2.4	9
4	A Memristor with Low Switching Current and Voltage for 1S1R Integration and Array Operation. <i>Advanced Electronic Materials</i> , 2020, 6, 1901411.	5.1	51
5	A Low-Current and Analog Memristor with Ru as Mobile Species. <i>Advanced Materials</i> , 2020, 32, e1904599.	21.0	59
6	An artificial nociceptor based on a diffusive memristor. <i>Nature Communications</i> , 2018, 9, 417.	12.8	295
7	Fully memristive neural networks for pattern classification with unsupervised learning. <i>Nature Electronics</i> , 2018, 1, 137-145.	26.0	787
8	Nociceptive Memristor. <i>Advanced Materials</i> , 2018, 30, 1704320.	21.0	116
9	Capacitive neural network with neuro-transistors. <i>Nature Communications</i> , 2018, 9, 3208.	12.8	199
10	An efficient analog Hamming distance comparator realized with a unipolar memristor array: a showcase of physical computing. <i>Scientific Reports</i> , 2017, 7, 40135.	3.3	27
11	Double-Layer-Stacked One Diode-One Resistive Switching Memory Crossbar Array with an Extremely High Rectification Ratio of 10^9 . <i>Advanced Electronic Materials</i> , 2017, 3, 1700152.	5.1	42
12	Truly Electroforming-Free and Low-Energy Memristors with Preconditioned Conductive Tunneling Paths. <i>Advanced Functional Materials</i> , 2017, 27, 1702010.	14.9	75
13	Multi-Level Control of Conductive Filament Evolution and Enhanced Resistance Controllability of the Cu-Cone Structure Embedded Conductive Bridge Random Access Memory. <i>Advanced Electronic Materials</i> , 0, , 2100209.	5.1	6