

Dong-Won Kim

List of Publications by Year in descending order

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6
papers

50
citations

1937685

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2053705

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g-index

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all docs

6
docs citations

6
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Perpendicular-spin-transfer-torque magnetic-tunnel-junction neuron for spiking neural networks depending on the nanoscale grain size of the MgO tunnelling barrier. <i>Materials Advances</i> , 2022, 3, 1587-1593.	5.4	0
2	Real-time Correlation Detection via Online Learning of a Spiking Neural Network with a Conductive-Bridge Neuron. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	5
3	An electroforming-free mechanism for Cu ₂ O solid-electrolyte-based conductive-bridge random access memory (CBRAM). <i>Journal of Materials Chemistry C</i> , 2020, 8, 8125-8134.	5.5	5
4	Double MgO-Based Perpendicular Magnetic Tunnel Junction for Artificial Neuron. <i>Frontiers in Neuroscience</i> , 2020, 14, 309.	2.8	15
5	Nanoscale CuO solid-electrolyte-based conductive-bridging, random-access memory cell with a TiN liner. <i>Journal of the Korean Physical Society</i> , 2018, 72, 116-121.	0.7	4
6	Nanoscale CuO solid-electrolyte-based conductive-bridging-random-access-memory cell operating multi-level-cell and 1selector1resistor. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9540-9550.	5.5	21