

Huajun Sun

List of Publications by Year in descending order

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papers

491
citations

1162889
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all docs

8
docs citations

8
times ranked

674
citing authors

#	ARTICLE	IF	CITATIONS
1	Activity-Dependent Synaptic Plasticity of a Chalcogenide Electronic Synapse for Neuromorphic Systems. Scientific Reports, 2014, 4, 4906.	1.6	235
2	Evolution of the conductive filament system in HfO ₂ -based memristors observed by direct atomic-scale imaging. Nature Communications, 2021, 12, 7232.	5.8	85
3	16 Boolean logics in three steps with two anti-serially connected memristors. Applied Physics Letters, 2015, 106, .	1.5	56
4	Customized binary and multi-level HfO _{2-x} -based memristors tuned by oxidation conditions. Scientific Reports, 2017, 7, 10070.	1.6	46
5	Coexistence of Digital and Analog Resistive Switching With Low Operation Voltage in Oxygen-Gradient HfO _x Memristors. IEEE Electron Device Letters, 2019, 40, 1068-1071.	2.2	32
6	Multilevel switching in Mg-doped HfOx memristor through the mutual-ion effect. Applied Physics Letters, 2021, 119, .	1.5	20
7	Homo-layer hafnia-based memristor with large analog switching window. Applied Physics Letters, 2021, 118, .	1.5	9
8	Oxygen migration around the filament region in HfOx memristors. AIP Advances, 2019, 9, .	0.6	8