

Huajun Sun

List of Publications by Year in descending order

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papers

491

citations

1163117

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h-index

1588992

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8

all docs

8

docs citations

8

times ranked

674

citing authors

#	ARTICLE	IF	CITATIONS
1	Homo-layer hafnia-based memristor with large analog switching window. Applied Physics Letters, 2021, 118, .	3.3	9
2	Multilevel switching in Mg-doped HfOx memristor through the mutual-ion effect. Applied Physics Letters, 2021, 119, .	3.3	20
3	Evolution of the conductive filament system in HfO2-based memristors observed by direct atomic-scale imaging. Nature Communications, 2021, 12, 7232.	12.8	85
4	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.	3.9	32
5	Oxygen migration around the filament region in HfOx memristors. AIP Advances, 2019, 9, .	1.3	8
6	Customized binary and multi-level HfO _{2-x} -based memristors tuned by oxidation conditions. Scientific Reports, 2017, 7, 10070.	3.3	46
7	16 Boolean logics in three steps with two anti-serially connected memristors. Applied Physics Letters, 2015, 106, .	3.3	56
8	Activity-Dependent Synaptic Plasticity of a Chalcogenide Electronic Synapse for Neuromorphic Systems. Scientific Reports, 2014, 4, 4906.	3.3	235