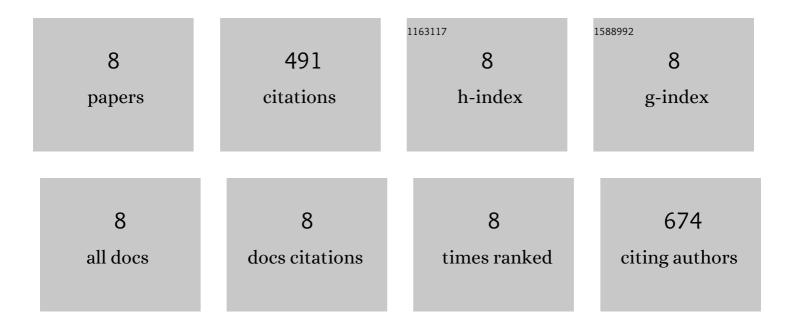
Huajun Sun

List of Publications by Year in descending order

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HUAILIN SUN

| # | 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 HfO2â^'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 |