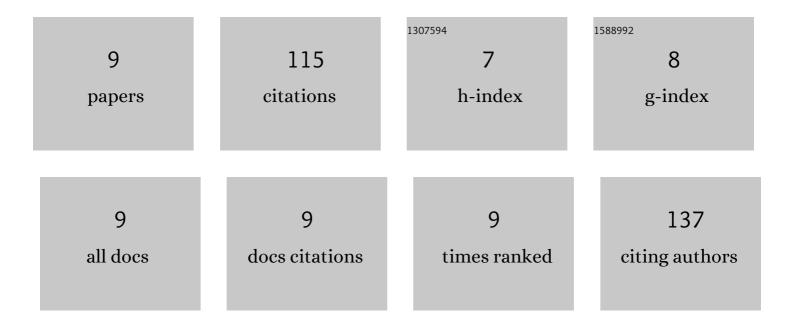
Matthew P West

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8431419/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Substrate dependent resistive switching in amorphous-HfO _x memristors: an experimental and computational investigation. Journal of Materials Chemistry C, 2020, 8, 5092-5101.	5.5	25
2	Synthetic Engineering of Morphology and Electronic Band Gap in Lateral Heterostructures of Monolayer Transition Metal Dichalcogenides. ACS Nano, 2020, 14, 6323-6330.	14.6	24
3	Towards a better understanding of the forming and resistive switching behavior of Ti-doped HfO _{<i>x</i>} RRAM. Journal of Materials Chemistry C, 2022, 10, 5896-5904.	5.5	16
4	Impact of the thermal environment on the analog temporal response of HfOx-based neuromorphic devices. Applied Physics Letters, 2020, 116, .	3.3	13
5	Experimental and computational analysis of thermal environment in the operation of HfO2 memristors. AIP Advances, 2020, 10, .	1.3	13
6	Impact of titanium doping and pulsing conditions on the analog temporal response of hafnium oxide based memristor synapses. Journal of Applied Physics, 2022, 131, .	2.5	11
7	Impact of oxygen concentration at the HfOx/Ti interface on the behavior of HfOx filamentary memristors. Journal of Materials Science, 2022, 57, 9299-9311.	3.7	8
8	Impact of Synthesized MoS ₂ Wafer-Scale Quality on Fermi Level Pinning in Vertical Schottky-Barrier Heterostructures. ACS Applied Materials & Interfaces, 2018, 10, 39860-39871.	8.0	5
9	Preferential growth of crystalline MoS ₂ on patterned Ni channels in contact with Au thin films. , 2021, , .		0