

Yingfen Wei

List of Publications by Year in descending order

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818
citing authors

#	ARTICLE	IF	CITATIONS
1	A rhombohedral ferroelectric phase in epitaxially strained Hf _{0.5} Zr _{0.5} O ₂ thin films. Nature Materials, 2018, 17, 1095-1100.	27.5	324
2	Reversible oxygen migration and phase transitions in hafnia-based ferroelectric devices. Science, 2021, 372, 630-635.	12.6	138
3	Direct Epitaxial Growth of Polar (1 × ×)HfO ₂ × ×(× ×)ZrO ₂ Ultrathin Films on Silicon. ACS Applied Electronic Materials, 2019, 1, 2585-2593.	4.3	48
4	Magnetic Tunnel Junctions Based on Ferroelectric $\text{Hf}_{0.5}\text{Zr}_{0.5}\text{O}_2$ Tunnel Barriers. Physical Review Applied, 2019, 12, .	0.8	44
5	Guidelines for the stabilization of a polar rhombohedral phase in epitaxial Hf _{0.5} Zr _{0.5} O ₂ thin films. Ferroelectrics, 2020, 569, 148-163.	0.6	37
6	Magneto-ionic control of spin polarization in multiferroic tunnel junctions. Npj Quantum Materials, 2019, 4, .	5.2	34
7	Negative piezoelectric effect in an organic supramolecular ferroelectric. Materials Horizons, 2019, 6, 1688-1698.	12.2	25
8	<i>In situ</i> heating studies on temperature-induced phase transitions in epitaxial Hf _{0.5} Zr _{0.5} O ₂ /La _{0.67} Sr _{0.33} MnO ₃ heterostructures. Applied Physics Letters, 2021, 118, .	3.3	15
9	Direct observation of reversible oxygen migration and phase transitions in ferroelectric Hf _{0.5} Zr _{0.5} O ₂ thin-film devices. Microscopy and Microanalysis, 2021, 27, 956-959.	0.4	0