

Dominik Walk

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

65
citations

1684188

5
h-index

2053705

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g-index

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all docs

10
docs citations

10
times ranked

72
citing authors

#	ARTICLE	IF	CITATIONS
1	All-Oxide Varactor Electromechanical Properties Extracted by Highly Accurate Modeling Over a Broad Frequency and Electric Bias Range. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2804-2814.	3.0	0
2	Suppression of Acoustic Resonances in All-Oxide Varactors. , 2020, , .		2
3	Matching conflicting oxidation conditions and strain accommodation in perovskite epitaxial thin-film ferroelectric varactors. Journal of Applied Physics, 2020, 128, .	2.5	7
4	Oxygen diffusion barriers for epitaxial thin-film heterostructures with highly conducting SrMoO ₃ electrodes. Journal of Applied Physics, 2020, 127, .	2.5	14
5	Atomically interface engineered micrometer-thick SrMoO ₃ oxide electrodes for thin-film Ba _x Sr _{1-x} TiO ₃ ferroelectric varactors tunable at low voltages. APL Materials, 2019, 7, .	5.1	25
6	Characterization and Deembedding of Negative Series Inductance in On-Wafer Measurements of Thin-Film All-Oxide Varactors. IEEE Microwave and Wireless Components Letters, 2019, 29, 213-215.	3.2	7
7	All-Oxide Thin Film Varactor: From Test Structure to SMD Component. , 2019, , .		0
8	Highly Accurate Analytic Modeling of Dispersive Field Distributions in MIM Capacitances With Electrodes Thinner Than Skin Depth. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 4665-4673.	4.6	6
9	Characterization and Modeling of Epitaxially Grown BST on a Conducting Oxide Electrode. , 2018, , .		3
10	Ferroelectrics for Tunable High-Power Applications. , 2018, , .		1