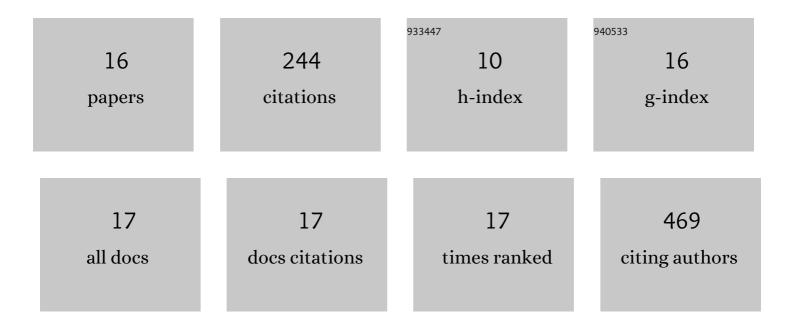
Felix Hensling

List of Publications by Year in descending order

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FELLY HENSLING

#	Article	IF	CITATIONS
1	Adsorption-controlled growth of Ga2O3 by suboxide molecular-beam epitaxy. APL Materials, 2021, 9, .	5.1	38
2	Unraveling the enhanced Oxygen Vacancy Formation in Complex Oxides during Annealing and Growth. Scientific Reports, 2017, 7, 39953.	3.3	37
3	UV radiation enhanced oxygen vacancy formation caused by the PLD plasma plume. Scientific Reports, 2018, 8, 8846.	3.3	36
4	In-Gap States and Band-Like Transport in Memristive Devices. Nano Letters, 2019, 19, 54-60.	9.1	22
5	Antiphase Boundaries Constitute Fast Cation Diffusion Paths in SrTiO ₃ Memristive Devices. Advanced Functional Materials, 2020, 30, 2004118.	14.9	19
6	SrTiO ₃ termination control: a method to tailor the oxygen exchange kinetics. Materials Research Letters, 2020, 8, 31-40.	8.7	14
7	Tailoring the switching performance of resistive switching SrTiO3 devices by SrO interface engineering. Solid State Ionics, 2018, 325, 247-250.	2.7	13
8	Engineering antiphase boundaries in epitaxial SrTiO3 to achieve forming free memristive devices. APL Materials, 2019, 7, .	5.1	13
9	Trade-off between variability and retention of memristive epitaxial SrTiO3 devices. APL Materials, 2021, 9, .	5.1	13
10	Extending the Kinetic and Thermodynamic Limits of Molecular-Beam Epitaxy Utilizing Suboxide Sources or Metal-Oxide-Catalyzed Epitaxy. Physical Review Applied, 2022, 17, .	3.8	11
11	Behavior of cation vacancies in single-crystal and in thin-film <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">SrTiO<mml:mn>3</mml:mn></mml:mi </mml:msub> : The importance of strontium vacancies and their defect associates. Physical Review Materials, 2020, 4, .</mml:math 	2.4	8
12	Canonical approach to cation flux calibration in oxide molecular-beam epitaxy. Physical Review Materials, 2022, 6, .	2.4	8
13	Structure and orbital ordering of ultrathin LaVO3probed by atomic resolution electron microscopy and Raman spectroscopy. Physica Status Solidi - Rapid Research Letters, 2017, 11, 1600350.	2.4	4
14	Epitaxial stannate pyrochlore thin films: Limitations of cation stoichiometry and electron doping. APL Materials, 2021, 9, .	5.1	3
15	Development of Epitaxial Thin Film Model Electrodes for the Systematic Investigation of Metal Exsolution from MIEC Perovskite Oxides. ECS Transactions, 2019, 91, 1783-1789.	0.5	2
16	Local inhomogeneities resolved by scanning probe techniques and their impact on local 2DEG formation in oxide heterostructures. Nanoscale Advances, 2021, 3, 4145-4155.	4.6	2