

Philipp Storm

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	High mobility, highly transparent, smooth, p-type CuI thin films grown by pulsed laser deposition. <i>APL Materials</i> , 2020, 8, .	5.1	41
2	Epitaxial $(\text{Al}_{1-x}\text{Ga}_x)_2\text{O}_3$ thin films and heterostructures grown by tin-assisted VCCS-PLD. <i>APL Materials</i> , 2019, 7, .	5.1	30
3	A Review of the Segmented-Target Approach to Combinatorial Material Synthesis by Pulsed-Laser Deposition. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 1900626.	1.5	26
4	Growth, structural and optical properties of coherent $(\text{Al}_{1-x}\text{Ga}_x)_2\text{O}_3/\text{In}_2\text{O}_3$ quantum well superlattice heterostructures. <i>APL Materials</i> , 2020, 8, .	5.1	24
5	Combinatorial Material Science and Strain Engineering Enabled by Pulsed Laser Deposition Using Radially Segmented Targets. <i>ACS Combinatorial Science</i> , 2018, 20, 643-652.	3.8	21
6	Structural and Elastic Properties of $(\text{Al}_{1-x}\text{Ga}_x)_2\text{O}_3$ Thin Films on (11.0) Al_2O_3 Substrates for the Entire Composition Range. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000394.	1.5	18
7	Band Offsets at $(\text{Al}_{1-x}\text{In}_x)_2\text{O}_3/\text{MgO}$ Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 8879-8885.	8.0	14
8	p-type Doping and Alloying of CuI Thin Films with Selenium. <i>Physica Status Solidi - Rapid Research Letters</i> , 2021, 15, 2100214.	2.4	13
9	Evidence for oxygen being a dominant shallow acceptor in p-type CuI. <i>APL Materials</i> , 2021, 9, 051101.	5.1	12
10	Epitaxial Growth of $(\text{Al}_{1-x}\text{Ga}_x)_2\text{O}_3$ Layers and Superlattice Heterostructures up to $x=0.48$ on Highly Conductive Al-doped ZnO Thin-Film Templates by Pulsed Laser Deposition. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000359.	1.5	7
11	Suppression of Rotational Domains of CuI Employing Sodium Halide Buffer Layers. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12350-12358.	8.0	2
12	Epitaxial lift-off of single crystalline CuI thin films. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4124-4127.	5.5	1