

Jani Jesenovec

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photodarkening and dopant segregation in Cu-doped $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$ Czochralski single crystals. Journal of Crystal Growth, 2022, 578, 126419.	1.5	12
2	Cu^{2+} and Cu^{3+} acceptors in $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$ crystals: A magnetic resonance and optical absorption study. Journal of Applied Physics, 2022, 131, .	2.5	8
3	Effect of extended defects on photoluminescence of gallium oxide and aluminum gallium oxide epitaxial films. Scientific Reports, 2022, 12, 3243.	3.3	16
4	Persistent Room-Temperature Photodarkening in Cu-Doped $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$ Crystals. Physical Review Letters, 2022, 128, 077402.	2.5	17
5	Electronic and ionic conductivity in $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$ single crystals. Journal of Applied Physics, 2022, 131, .	2.5	5
6	Growth and defect characterization of doped and undoped $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$ crystals. , 2022, , .		2
7	Alloyed $\hat{\text{I}}^2\text{-(Al}_{1-x}\text{Ga}_x)_2\text{O}_3$ bulk Czochralski single $\hat{\text{I}}^2\text{-(Al}_{0.1}\text{Ga}_{0.9})_2\text{O}_3$ and polycrystals	2.5	16
8	Zn acceptors in $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$ crystals. Journal of Applied Physics, 2021, 129, .	2.5	22
9	Compensation of Shallow Donors by Gallium Vacancies in Monoclinic $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$. Physical Review Applied, 2021, 15, .	2.5	17
10	Electronic and optical properties of Zn-doped $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$ Czochralski single crystals. Journal of Applied Physics, 2021, 129, .	2.5	23
11	Gallium vacancy formation in oxygen annealed $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$. Journal of Applied Physics, 2021, 129, .	2.5	21
12	Zinc-hydrogen and zinc-iridium pairs in $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$. Applied Physics Letters, 2021, 119, .	3.3	8
13	Atomic-scale characterization of structural and electronic properties of Hf doped $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$. Applied Physics Letters, 2021, 119, .	3.3	6
14	Degenerate doping in $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$ single crystals through Hf-doping. Semiconductor Science and Technology, 2020, 35, 04LT01.	2.0	43
15	Electrical and optical properties of Zr doped $\hat{\text{I}}^2\text{-Ga}_2\text{O}_3$ single crystals. Applied Physics Express, 2019, 12, 085502.	2.4	38