

Tatsuya Yasuoka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optical Characterization of Gallium Oxide $\hat{1}\pm$ and $\hat{1}^2$ Polymorph Thin-Films Grown on c-Plane Sapphire. Journal of Electronic Materials, 2021, 50, 2990-2998.	2.2	9
2	The effect of HCl on the $\hat{1}\pm$ -Ga ₂ O ₃ thin films fabricated by third generation mist chemical vapor deposition. AIP Advances, 2021, 11, 045123.	1.3	7
3	Sub- $\hat{1}\frac{1}{4}$ m features patterned with laser interference lithography for the epitaxial lateral overgrowth of $\hat{1}\pm$ -Ga ₂ O ₃ via mist chemical vapor deposition. Applied Physics Letters, 2021, 119, 041902.	3.3	6
4	$\hat{1}\pm$ -(Al _x Ga _{1-x}) ₂ O ₃ single-layer and heterostructure buffers for the growth of conductive Sn-doped $\hat{1}\pm$ -Ga ₂ O ₃ thin films via mist chemical vapor deposition. APL Materials, 2020, 8, .	5.1	15
5	Conductive Si-doped $\hat{1}\pm$ -(Al _x Ga _{1-x}) ₂ O ₃ thin films with the bandgaps up to 6.22 eV. AIP Advances, 2020, 10, 115019.	1.3	13
6	Challenges of fabrication of a large-area-uniform molybdenum disulfide layered thin film at low growth temperature by atmospheric-pressure solution-based mist CVD. Japanese Journal of Applied Physics, 2018, 57, 110306.	1.5	6
7	Growth of $\hat{1}\pm$ -Cr ₂ O ₃ single crystals by mist CVD using ammonium dichromate. Applied Physics Express, 2018, 11, 111101.	2.4	11
8	Bandgap engineering of $\hat{1}\pm$ -(Al _x Ga _{1-x}) ₂ O ₃ by a mist chemical vapor deposition two-chamber system and verification of Vegard's Law. Applied Physics Letters, 2018, 113, .	3.3	64