

Yuta Arata

List of Publications by Year in descending order

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8
papers

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142
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#	ARTICLE	IF	CITATIONS
1	Alloying In ₂ O ₃ and Ga ₂ O ₃ on AlN templates for deep-ultraviolet transparent conductive films by mist chemical vapor deposition. Japanese Journal of Applied Physics, 2022, 61, SC1037.	1.5	6
2	Growth of Metastable $\hat{\pm}$ -Ga ₂ O ₃ ; Epitaxial Thin Film on Flexible Synthetic Mica by Insertion $\hat{\pm}$ -Fe ₂ O ₃ ; Buffer Layer. Zairyo/Journal of the Society of Materials Science, Japan, 2021, 70, 738-744.	0.2	2
3	Phase control of $\hat{\pm}$ - and $\hat{\nu}$ -Ga ₂ O ₃ epitaxial growth on LiNbO ₃ and LiTaO ₃ substrates using $\hat{\pm}$ -Fe ₂ O ₃ buffer layers. AIP Advances, 2020, 10, .	1.3	18
4	van der Waals epitaxy of ferroelectric $\hat{\mu}$ -gallium oxide thin film on flexible synthetic mica. Japanese Journal of Applied Physics, 2020, 59, 025503.	1.5	15
5	Epitaxial Growth of Bendable Cubic NiO and In ₂ O ₃ Thin Films on Synthetic Mica for p- and n-type Wide-Bandgap Semiconductor Oxides. MRS Advances, 2020, 5, 1671-1679.	0.9	9
6	Microstructures of ϵ - Ga_2O_3 thin film on (100) TiO ₂ substrate by mist chemical vapor deposition. , 2019, , .		0
7	Microstructures and rotational domains in orthorhombic $\hat{\mu}$ -Ga ₂ O ₃ thin films. Japanese Journal of Applied Physics, 2018, 57, 115601.	1.5	61
8	Heteroepitaxial growth of single-phase $\hat{\mu}$ -Ga ₂ O ₃ thin films on <i>c</i> -plane sapphire by mist chemical vapor deposition using a NiO buffer layer. CrystEngComm, 2018, 20, 6236-6242.	2.6	38