

# Yuta Arata

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

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citations

1684188

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1720034

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docs citations

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times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructures and rotational domains in orthorhombic $\mu\text{-Ga}_2\text{O}_3$ thin films. Japanese Journal of Applied Physics, 2018, 57, 115601.	1.5	61
2	Heteroepitaxial growth of single-phase $\mu\text{-Ga}_2\text{O}_3$ 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
3	Phase control of $\mu\text{-}$ and $\mu\text{-Ga}_2\text{O}_3$ epitaxial growth on LiNbO <sub>3</sub> and LiTaO <sub>3</sub> substrates using $\mu\text{-Fe}_2\text{O}_3$ buffer layers. AIP Advances, 2020, 10, .	1.3	18
4	van der Waals epitaxy of ferroelectric <i>c</i> -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 <sub>2</sub> O <sub>3</sub> Thin Films on Synthetic Mica for p- and n-type Wide-Bandgap Semiconductor Oxides. MRS Advances, 2020, 5, 1671-1679.	0.9	9
6	Alloying In <sub>2</sub> O <sub>3</sub> and Ga <sub>2</sub> O <sub>3</sub> 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
7	Growth of Metastable $\mu\text{-Ga}_2\text{O}_3$ ; Epitaxial Thin Film on Flexible Synthetic Mica by Insertion $\mu\text{-Fe}_2\text{O}_3$ Buffer Layer. Zairyo/Journal of the Society of Materials Science, Japan, 2021, 70, 738-744.	0.2	2
8	Microstructures of $\epsilon\text{-Ga}_2\text{O}_3$ thin film on (100) TiO <sub>2</sub> substrate by mist chemical vapor deposition. , 2019, , .		0