

# Yosuke Hamasaki

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Ferroelectric and Magnetic Properties in Room-Temperature Multiferroic $\text{Ga}_{1-x}\text{Fe}_{2x}\text{O}_3$ Epitaxial Thin Films. <i>Advanced Functional Materials</i> , 2018, 28, 1704789.	16.5	47
2	Epitaxial growth of metastable multiferroic $\text{AlFeO}_3$ film on $\text{SrTiO}_3$ (111) substrate. <i>Applied Physics Letters</i> , 2014, 104, 082906.	3.2	44
3	Ferrimagnetism and Ferroelectricity in Cr-Substituted $\text{GaFeO}_3$ Epitaxial Films. <i>Chemistry of Materials</i> , 2018, 30, 1436-1441.	7.1	29
4	A computational search for wurtzite-structured ferroelectrics with low coercive voltages. <i>APL Materials</i> , 2020, 8, .	4.8	27
5	Crystal Isomers of $\text{ScFeO}_3$ . <i>Crystal Growth and Design</i> , 2016, 16, 5214-5222.	3.2	25
6	Chemical tuning of room-temperature ferrimagnetism and ferroelectricity in $\mu\text{-Fe}_2\text{O}_3$ -type multiferroic oxide thin films. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12597-12601.	5.6	25
7	Control of crystal-domain orientation in multiferroic $\text{Ga}_{0.6}\text{Fe}_{1.4}\text{O}_3$ epitaxial thin films. <i>Applied Physics Letters</i> , 2017, 110, .	3.2	21
8	Evidence of ferroelectricity in ferrimagnetic $\text{Al}_2\text{O}_3$ -type $\text{In}_{0.25}\text{Fe}_{1.75}\text{O}_3$ films. <i>Applied Physics Letters</i> , 2016, 109, .	3.2	15
9	Crystal structure and magnetism in $\text{Al}_2\text{O}_3$ -type $\text{Al}_x\text{Fe}_{2-x}\text{O}_3$ films on $\text{SrTiO}_3(111)$ . <i>Journal of Applied Physics</i> , 2017, 122, 015301.	2.3	14
10	Switchable third $\text{ScFeO}_3$ polar ferromagnet with $\text{YMnO}_3$ -type structure. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4447-4452.	5.6	14
11	Room-Temperature Antiferroelectricity in Multiferroic Hexagonal Rare-Earth Ferrites. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 4230-4235.	8.3	13
12	Chemical design of a new displacive-type ferroelectric. <i>Dalton Transactions</i> , 2022, 51, 2610-2630.	3.4	12
13	Investigation of ferrimagnetism and ferroelectricity in $\text{Al}_x\text{Fe}_{2x}\text{O}_3$ thin films. <i>Journal of Materials Chemistry C</i> , 2020, 8, 706-714.	5.6	9
14	In-plane ferroelectricity and enhanced Curie temperature in perovskite $\text{BaTiO}_3$ epitaxial thin films. <i>Applied Physics Letters</i> , 2020, 117, .	3.2	7
15	Epitaxial thin film growth of garnet-, $\text{GdFeO}_3$ -, and $\text{YMnO}_3$ -type $\text{LuFeO}_3$ using pulsed laser deposition. <i>Thin Solid Films</i> , 2017, 642, 41-44.	1.9	6
16	Effect of Cr substitution on ferrimagnetic and ferroelectric properties of $\text{GaFeO}_3$ epitaxial thin films. <i>Applied Physics Letters</i> , 2018, 113, .	3.2	6
17	Redox-Based Multilevel Resistive Switching in $\text{AlFeO}_3$ Thin-Film Heterostructures. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1065-1073.	4.4	6
18	Comprehensive Structural Descriptor for Electrocatalytic Oxygen Evolution Activities of Iron Oxides. <i>ChemElectroChem</i> , 2021, 8, 4466-4471.	3.5	6

#	ARTICLE	IF	CITATIONS
19	Ferroelectric and ferrimagnetic properties of $\text{Pb}(\text{Rh}_{1-x}\text{Fe}_x)_2\text{O}_7$ thin films. <i>Journal of the Ceramic Society of Japan</i> , 2019, 127, 474-477.		
20	Modulating the Structure and Magnetic Properties of $\text{Pb-Fe}_2\text{O}_3$ Nanoparticles via Electrochemical $\text{Li}^+$ Insertion. <i>Inorganic Chemistry</i> , 2020, 59, 4357-4365.	4.2	4
21	Ferroelectric and magnetic properties in $\text{Pb-Fe}_2\text{O}_3$ epitaxial film. <i>Applied Physics Letters</i> , 2021, 119, .	3.2	4
22	Epitaxial growth of hexagonal $\text{GdFeO}_3$ thin films with magnetic order by pulsed laser deposition. <i>Thin Solid Films</i> , 2022, 757, 139409.	1.9	4
23	Structure, Lithium-Ion Conductivity Coupled with Second-Order Jahn-Teller Effect, and Electrochemical Stability of Sr-Based Perovskite-Type Solid Electrolytes. <i>Journal of Physical Chemistry C</i> , 2023, 127, 16041-16051.	3.3	2
24	Crystal Structure-Controlled Electrocatalysis on Iron-Based Oxides Toward Oxygen Evolution in Alkaline Media: Trend and Mechanism. <i>ECS Meeting Abstracts</i> , 2022, MA2022-02, 1689-1689.	0.0	0
25	Magnetic Phase Transition-Induced Modulation of Ferroelectric Properties in Hexagonal $\text{R-FeO}_3$ ( $R = \text{Tb}$ and $\text{Ho}$ ). <i>ACS Applied Materials &amp; Interfaces</i> , 2024, 16, 17832-17837.	8.3	0