

# Hisato Yabuta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/482589/publications.pdf>

Version: 2024-02-01

38  
papers

2,066  
citations

471509

17  
h-index

395702

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1988  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-mobility thin-film transistor with amorphous InGaZnO <sub>4</sub> channel fabricated by room temperature rf-magnetron sputtering. Applied Physics Letters, 2006, 89, 112123.	3.3	1,048
2	Sputtering formation of p-type SnO thin-film transistors on glass toward oxide complimentary circuits. Applied Physics Letters, 2010, 97, .	3.3	189
3	(Ba+Sr)/Ti ratio dependence of the dielectric properties for (Ba <sub>0.5</sub> Sr <sub>0.5</sub> )TiO <sub>3</sub> thin films prepared by ion beam sputtering. Applied Physics Letters, 1994, 64, 1644-1646.	3.3	125
4	Circuits using uniform TFTs based on amorphous InGaZnO. Journal of the Society for Information Display, 2007, 15, 915-921.	2.1	121
5	Materials, Devices, and Circuits of Transparent Amorphous-Oxide Semiconductor. Journal of Display Technology, 2009, 5, 531-540.	1.2	71
6	42.1: <i>Invited Paper</i> : Improved Amorphous InGaZnO TFTs. Digest of Technical Papers SID International Symposium, 2008, 39, 621-624.	0.3	56
7	A stacked capacitor technology with ECR plasma MOCVD (Ba,Sr)TiO <sub>3</sub> and RuO <sub>2</sub> /Ru/TiN/TiSi <sub>x</sub> storage nodes for Gb-scale DRAMs. IEEE Transactions on Electron Devices, 1997, 44, 1076-1083.	3.0	46
8	Structural, Dielectric, and Piezoelectric Properties of Mn-Doped BaTiO <sub>3</sub> Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> BiFeO <sub>3</sub> Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09ND07.	1.5	42
9	Structural, Dielectric, and Piezoelectric Properties of Mn-Doped BaTiO <sub>3</sub> Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> BiFeO <sub>3</sub> Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09ND07.	1.5	42
10	Microstructure of BaTiO <sub>3</sub> Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> BiFeO <sub>3</sub> Piezoelectric Ceramics. Japanese Journal of Applied Physics, 2012, 51, 09LD04.	1.5	34
11	Low Temperature Deposition of (Ba,Sr)TiO <sub>3</sub> Films by Electron Cyclotron Resonance Plasma Chemical Vapor Deposition. Japanese Journal of Applied Physics, 1996, 35, 5089-5093.	1.5	28
12	Structure and Magnetic Properties of BiFe <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> and Bi <sub>0.9</sub> Sm <sub>0.1</sub> Fe <sub>1-x</sub> Co <sub>x</sub> O <sub>3</sub> . Inorganic Chemistry, 2013, 52, 10698-10704.	4.0	24
13	Sequential Phase Transitions in Sm Substituted BiFeO <sub>3</sub> . Japanese Journal of Applied Physics, 2011, 50, 09NE08.	1.5	23
14	Structural Transformation of Hexagonal (0001)BaTiO <sub>3</sub> Ceramics to Tetragonal (111)BaTiO <sub>3</sub> Ceramics. Japanese Journal of Applied Physics, 2011, 50, 09ND01.	1.5	22
15	Temperature- and Field-Induced First-Order Ferromagnetic Transitions in MnFe(P <sub>1-x</sub> G <sub>x</sub> ). Journal of the Physical Society of Japan, 2006, 75, 113707.	1.6	21
16	Enhancement of tetragonal anisotropy and stabilisation of the tetragonal phase by Bi/Mn-double-doping in BaTiO <sub>3</sub> ferroelectric ceramics. Scientific Reports, 2017, 7, 45842.	3.3	21
17	Microstructure of BaTiO <sub>3</sub> Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> BiFeO <sub>3</sub> Piezoelectric Ceramics. Japanese Journal of Applied Physics, 2012, 51, 09LD04.	1.5	20
18	Relaxor Characteristics of BaTiO <sub>3</sub> Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> Ceramics. Key Engineering Materials, 0, 485, 31-34.	1.5	18

#	ARTICLE	IF	CITATIONS
19	Electrical Properties of (Ba, Sr)TiO <sub>3</sub> Films on Ru Bottom Electrodes Prepared by Electron Cyclotron Resonance Plasma Chemical Vapor Deposition at Extremely Low Temperature and Rapid Thermal Annealing. Japanese Journal of Applied Physics, 1999, 38, 2200-2204.	1.5	14
20	Film Thickness Dependence of Ferroelectric Properties of (111)-Oriented Epitaxial Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> Films. Japanese Journal of Applied Physics, 2012, 51, 09LA04.	1.5	13
21	Effect of sintering condition and V-doping on the piezoelectric properties of BaTiO <sub>3</sub> -Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> -BiFeO <sub>3</sub> ceramics. Journal of the Ceramic Society of Japan, 2013, 121, 589-592.		
22	Microscopic structure and electrical transport property of sputter-deposited amorphous indium-gallium-zinc oxide semiconductor films. Journal of Physics: Conference Series, 2014, 518, 012001.	0.4	12
23	Pressure effects on the first order transition in MnFe(P,As) and MnFe(P,Ge). Journal of Magnetism and Magnetic Materials, 2007, 310, 1826-1828.	2.3	11
24	Low Temperature Recovery of Ru/(Ba, Sr)TiO <sub>3</sub> /Ru Capacitors Degraded by Forming Gas Annealing. Japanese Journal of Applied Physics, 2000, 39, 2063-2067.	1.5	10
25	Sequential Phase Transitions in Sm Substituted BiFeO <sub>3</sub> . Japanese Journal of Applied Physics, 2011, 50, 09NE08.	1.5	10
26	Plasma CVD of (BaSr)TiO <sub>3</sub> Dielectrics for Gigabit DRAM Capacitors. , 1999, 3, 123-133.		8
27	Magnetic and NMR study of valence phase transition in YbIn <sub>1-x</sub> TxCu <sub>4</sub> (T = Ag and Au). Journal of Magnetism and Magnetic Materials, 1992, 104-107, 653-654.	2.3	7
28	Structural investigation of ferroelectric BiFeO <sub>3</sub> -BaTiO <sub>3</sub> solid solutions near the rhombohedral-pseudocubic phase boundary. Applied Physics Letters, 2020, 116, .	3.3	5
29	Growth of (111) One-Axis-Oriented Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> Films on (100)Si Substrates. Japanese Journal of Applied Physics, 2013, 52, 04CH09.	1.5	4
30	Growth of (1-x)NaNbO <sub>3</sub> -xBaTiO <sub>3</sub> Single Crystals by Slow-Cooling and Flux Methods. Japanese Journal of Applied Physics, 2013, 52, 09KC02.	1.5	2
31	Microstructure and Piezoelectric Properties of BaTiO <sub>3</sub> -Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> -BiFeO <sub>3</sub> Ceramics. Key Engineering Materials, 2013, 566, 59-63.	0.4	2
32	Characterizations of epitaxial Bi(Mg <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> -Bi(Zn <sub>1/2</sub> Ti <sub>1/2</sub> )O <sub>3</sub> solid solution films grown by pulsed laser deposition. Japanese Journal of Applied Physics, 2014, 53, 05FE06.		2
33	Neutron powder diffraction study of the site disorder in. Journal of Magnetism and Magnetic Materials, 2007, 310, 380-382.	2.3	1
34	Electronic states of magnetic refrigerator materials Mn <sub>0.9</sub> Fe <sub>1.1</sub> P <sub>0.55</sub> As <sub>0.45</sub> using soft x-ray magnetic circular dichroism. Journal of Physics: Conference Series, 2010, 200, 012199.	0.4	1
35	Platelet NaNbO <sub>3</sub> grown by single-step molten salt synthesis: Study on bismuth migration in topochemical conversion reaction. Japanese Journal of Applied Physics, 2014, 53, 09PB08.	1.5	1
36	NMR study of YbInNi <sub>4</sub> . Journal of Magnetism and Magnetic Materials, 2004, 272-276, 205-206.	2.3	0

#	ARTICLE	IF	CITATIONS
37	Sequential Phase Transitions in Sm Substituted BiFeO <sub>3</sub> . Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2012, 59, 239-245.	0.2	0
38	Piezoelectric enhancement of relaxor-based lead-free piezoelectric ceramics by nanodomain engineering. , 2012, , .		0