

Kazunori Ueno

List of Publications by Year in descending order

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63
papers

3,448
citations

236925

25
h-index

138484

58
g-index

63
all docs

63
docs citations

63
times ranked

4502
citing authors

#	ARTICLE	IF	CITATIONS
1	Electric-field-induced superconductivity in an insulator. Nature Materials, 2008, 7, 855-858.	27.5	864
2	Electrically Induced Ferromagnetism at Room Temperature in Cobalt-Doped Titanium Dioxide. Science, 2011, 332, 1065-1067.	12.6	439
3	Discovery of superconductivity in KTaO ₃ by electrostatic carrier doping. Nature Nanotechnology, 2011, 6, 408-412.	31.5	400
4	Transparent polymer Schottky contact for a high performance visible-blind ultraviolet photodiode based on ZnO. Applied Physics Letters, 2008, 93, .	3.3	139
5	Field-Induced Superconductivity in Electric Double Layer Transistors. Journal of the Physical Society of Japan, 2014, 83, 032001.	1.6	139
6	Schottky contact on a ZnO (0001) single crystal with conducting polymer. Applied Physics Letters, 2007, 91, .	3.3	118
7	Tuning of the metal-insulator transition in electrolyte-gated NdNiO ₃ thin films. Applied Physics Letters, 2010, 97, .	3.3	102
8	Field-effect transistor on SrTiO ₃ with sputtered Al ₂ O ₃ gate insulator. Applied Physics Letters, 2003, 83, 1755-1757.	3.3	83
9	p-type field-effect transistor of NiO with electric double-layer gating. Applied Physics Letters, 2008, 92, .	3.3	83
10	Electrostatic charge accumulation versus electrochemical doping in SrTiO ₃ electric double layer transistors. Applied Physics Letters, 2010, 96, .	3.3	81
11	Nonreciprocal magnon propagation in a noncentrosymmetric ferromagnet LiFe_2PO_4 . Physical Review B, 2015, 92, .	3.4	54
12	Topological Hall effect in thin films of the Heisenberg ferromagnet EuO. Physical Review B, 2015, 91, .	3.2	63
13	A Scaling Relation of Anomalous Hall Effect in Ferromagnetic Semiconductors and Metals. Japanese Journal of Applied Physics, 2007, 46, L642-L644.	1.5	60
14	Strain-Mediated Phase Control and Electrolyte-Gating of Electron-Doped Manganites. Advanced Materials, 2011, 23, 5822-5827.	21.0	55
15	Anomalous Hall effect in anatase $\text{Ti}_{1-x}\text{Co}_x\text{O}_2$ at low temperature regime. Applied Physics Letters, 2007, 90, 072103.	3.3	54
16	Field-effect transistor based on KTaO ₃ perovskite. Applied Physics Letters, 2004, 84, 3726-3728.	3.3	51
17	Electronic-Field Control of Two-Dimensional Electrons in Polymer-Gated Oxide Semiconductor Heterostructures. Advanced Materials, 2010, 22, 876-879.	21.0	48
18	A Ferromagnetic Oxide Semiconductor as Spin Injection Electrode in Magnetic Tunnel Junction. Japanese Journal of Applied Physics, 2005, 44, L896-L898.	1.5	45

#	ARTICLE	IF	CITATIONS
19	Role of charge carriers for ferromagnetism in cobalt-doped rutile TiO ₂ . New Journal of Physics, 2008, 10, 055018.	2.9	42
20	Effective thickness of two-dimensional superconductivity in a tunable triangular quantum well of SrTiO ₃ . Physical Review B, 2014, 89, .	3.2	40
21	Observation of anomalous Hall effect in EuO epitaxial thin films grown by a pulse laser deposition. Applied Physics Letters, 2011, 98, .	3.3	37
22	Insulating phase of a two-dimensional electron gas in Mg _x Zn _{1-x} O heterostructures below 1 K. Applied Physics Letters, 2010, 96, 052116.	3.2	29
23	Superconductivity at 38 K at an electrochemical interface between an ionic liquid and FeSe _{0.8} Te _{0.2} on various substrates. Scientific Reports, 2018, 8, 14731.	3.3	27
24	Mg _x Zn _{1-x} O-Based Schottky Photodiode for Highly Color-Selective Ultraviolet Light Detection. Applied Physics Express, 2008, 1, 121201.	2.4	25
25	Epitaxial Structure of (001)- and (111)-Oriented Perovskite Ferrate Films Grown by Pulsed-Laser Deposition. Crystal Growth and Design, 2010, 10, 1725-1729.	3.0	25
26	Ultrafast Time-Resolved Faraday Rotation in EuO Thin Films. Physical Review Letters, 2012, 108, 257401.	7.8	23
27	Anomalous Hall effect in anatase Ti _{1-x} CoxO ₂ above room temperature. Journal of Applied Physics, 2008, 103, 07D114.	2.5	19
28	High-Throughput Screening for Combinatorial Thin-Film Library of Thermoelectric Materials. ACS Combinatorial Science, 2008, 10, 175-178.	3.3	18
29	Co-doped TiO ₂ films grown on glass: Room-temperature ferromagnetism accompanied with anomalous Hall effect and magneto-optical effect. Applied Physics Letters, 2009, 94, .	3.3	17
30	Spatial distribution of two-dimensional electron gas in a ZnO/Mg _{0.2} Zn _{0.8} O heterostructure probed with a conducting polymer Schottky contact. Applied Physics Letters, 2010, 96, 052116.	3.3	16
31	Control of ferromagnetism at room temperature in (Ti,Co)O ₂ via chemical doping of electron carriers. Applied Physics Letters, 2011, 99, .	3.3	16
32	Ambipolar transistor action of germanane electric double layer transistor. Applied Physics Letters, 2019, 115, .	3.3	16
33	Enhancement of superconducting transition temperature in electrochemically etched FeSe/LaAlO ₃ films. Applied Physics Express, 2020, 13, 083006.	2.4	15
34	Combinatorial synthesis and high throughput evaluation of thermoelectric power factor in Mg _{1-x} Si _x Ge ternary compounds. Applied Surface Science, 2007, 254, 777-780.	6.1	14
35	Ultrafast optical control of magnetization in EuO thin films. Physical Review B, 2012, 86, .	3.2	14
36	Electric field control of magnetic anisotropy in a Co/Pt bilayer deposited on a high- κ SrTiO ₃ . Applied Physics Letters, 2017, 110, .	3.3	13

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37	Field-effect modulation of transport properties of charge-ordered $\text{La}_{1-x}\text{Sr}_x\text{FeO}_3$ thin films. <i>Physical Review B</i> , 2006, 73, .	3.2	12
38	Electronic Structures of Two-Phase Microstructures in Pb-doped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_y$. <i>Journal of Low Temperature Physics</i> , 1999, 117, 341-345.	1.4	11
39	$\text{Ti}_{1-x}\text{Co}_x\text{O}_2$ thin films with varied AlOx thickness. <i>Journal of Applied Physics</i> , 2006, 99, 08M102.	2.5	11
40	Electric double layer transistors with ferroelectric BaTiO_3 channels. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	11
41	Effect of in situ annealed SnO_2 buffer layer on structural and electrical properties of $\text{SnO}_2/\text{TiO}_2$ heterostructures. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 125309.	2.8	10
42	Thermal conductivity of SrVO_3 thin films: Evidence of intrinsic thermal resistance at the interface between oxide layers. <i>Physical Review Materials</i> , 2018, 2, .	2.4	10
43	ELECTRON CARRIER-MEDIATED ROOM TEMPERATURE FERROMAGNETISM IN ANATASE $(\text{Ti}, \text{Co})\text{O}$. <i>Spin</i> , 2012, 02, 1230005.	1.3	8
44	Sr_2TMO_3 (TM = Ni, Co) Compounds with 1D TM-O Chains. <i>Advanced Materials</i> , 2006, 18, 2541-2544.	21.0	7
45	Quantitative Conductivity Mapping of $\text{SrTiO}_3/\text{LaAlO}_3/\text{LaTiO}_3$ Ternary Composition-Spread Thin Film by Scanning Microwave Microscope. <i>Applied Physics Express</i> , 0, 1, 055003.	2.4	7
46	High-Throughput Screening of Ultraviolet-Visible Magneto-optical Properties of Spinel Ferrite $(\text{Zn}, \text{Co})\text{Fe}_2\text{O}_4$ Solid Solution Epitaxial Film by a Composition-Spread Approach. <i>Applied Physics Express</i> , 2010, 3, 103001.	2.4	7
47	Photoinduced sign inversion of the anomalous Hall effect in EuO thin films. <i>Physical Review B</i> , 2014, 89, .	3.2	7
48	Nucleation and growth of orbital ordering. <i>Nature Communications</i> , 2020, 11, 2324.	12.8	6
49	Room Temperature Ferromagnetic Semiconductor Rutile $\text{Ti}_{1-x}\text{Co}_x\text{O}_{2-x}$ Epitaxial Thin Films Grown by Sputtering Method. <i>Applied Physics Express</i> , 0, 1, 111302.	2.4	5
50	Electrolyte dependence of transport properties of SrTiO_3 electric double layer transistors. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 051101.	1.5	5
51	An Organic Light Emitting Device Employing Transparent Rutile TiO_2 as an Anode. <i>Japanese Journal of Applied Physics</i> , 2006, 45, L1061-L1063.	1.5	4
52	Metal-insulator transition in $\text{Ba}_{3-x}\text{Sr}_x\text{Nb}_5\text{O}_{15}$. <i>Physical Review B</i> , 2021, 104, .	3.2	4
53	High Crystallinity CuScO_2 Delafossite Films Exhibiting Ultraviolet Photoluminescence Grown by Vapor-Liquid-Solid Tri-phase Epitaxy. <i>Applied Physics Express</i> , 2012, 5, 011201.	2.4	3
54	Electric-Field-Induced Superconductivity on an Organic/Oxide Interface. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 110129.	1.5	2

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55	High performance electric double layer transistors using solvate ionic liquids. Japanese Journal of Applied Physics, 2020, 59, 030901.	1.5	2
56	Improved Performance of Organic Light-Emitting Device with Anatase TiO ₂ Anode. Japanese Journal of Applied Physics, 2008, 47, 1276-1278.	1.5	1
57	Full Determination of Individual Reconstructed Atomic Columns in Intermixed Heterojunctions. Nano Letters, 2014, 14, 6584-6589.	9.1	1
58	Perpendicular magnetic anisotropy and its electric field effect in Co ultrathin films deposited directly on SrTiO ₃ (111) surface. Japanese Journal of Applied Physics, 2018, 57, 123001.	1.5	1
59	Transport properties around the metal-insulator transition for SrVO_3 ultrathin films fabricated by electrochemical etching. Physical Review B, 2022, 105, .	1.2	0
60	Large Negative Magnetoresistance in $\text{Ba}_3\text{EuxNb}_5\text{O}_{15}$. Journal of the Physical Society of Japan, 2022, 91, .	1.6	1
61	A Scaling Behavior of Anomalous Hall Effect in Cobalt Doped TiO ₂ . Advances in Materials Research, 2008, , 87-92.	0.2	0
62	Emergence of superconductivity on a SrTiO ₃ surface by electric-field charge accumulation. , 2011, , .		0
63	Oxide Semiconductor Spintronics. Hyomen Kagaku, 2011, 32, 134-138.	0.0	0