

Kazunori Ueno

List of Publications by Year in descending order

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papers

3,448
citations

236925

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all docs

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docs citations

63
times ranked

4502
citing authors

#	ARTICLE	IF	CITATIONS
1	Transport properties around the metal-insulator transition for SrVO_3 ultrathin films fabricated by electrochemical etching. <i>Physical Review B</i> , 2022, 105, .	3.2	4
2	Large Negative Magnetoresistance in $\text{Ba}_3\text{EuNb}_5\text{O}_{15}$. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	1.6	1
3	Metal-insulator transition in $\text{Ba}_3\text{Sr}_x\text{Nb}_5\text{O}_{15}$. <i>Physical Review B</i> , 2021, 104, .	3.2	4
4	Nucleation and growth of orbital ordering. <i>Nature Communications</i> , 2020, 11, 2324.	12.8	6
5	High performance electric double layer transistors using solvate ionic liquids. <i>Japanese Journal of Applied Physics</i> , 2020, 59, 030901.	1.5	2
6	Enhancement of superconducting transition temperature in electrochemically etched $\text{FeSe}/\text{LaAlO}_3$ films. <i>Applied Physics Express</i> , 2020, 13, 083006.	2.4	15
7	Ambipolar transistor action of germanane electric double layer transistor. <i>Applied Physics Letters</i> , 2019, 115, .	3.3	16
8	Perpendicular magnetic anisotropy and its electric field effect in Co ultrathin films deposited directly on $\text{SrTiO}_3(111)$ surface. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 123001.	1.5	1
9	Superconductivity at 38 K at an electrochemical interface between an ionic liquid and $\text{FeSe}_{0.8}\text{Te}_{0.2}$ on various substrates. <i>Scientific Reports</i> , 2018, 8, 14731.	3.3	27
10	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
11	Electric field control of magnetic anisotropy in a Co/Pt bilayer deposited on a high- $\hat{\nu}$ SrTiO_3 . <i>Applied Physics Letters</i> , 2017, 110, .	3.3	13
12	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
13	Topological Hall effect in thin films of the Heisenberg ferromagnet EuO . <i>Physical Review B</i> , 2015, 91, .	3.2	63
14	Nonreciprocal magnon propagation in a noncentrosymmetric ferromagnet $\text{LiFe}_5\text{O}_{14}$. <i>Physical Review B</i> , 2015, 92, .	3.2	54
15	Electric double layer transistors with ferroelectric BaTiO_3 channels. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	11
16	Photoinduced sign inversion of the anomalous Hall effect in EuO thin films. <i>Physical Review B</i> , 2014, 89, .	3.2	7
17	Full Determination of Individual Reconstructed Atomic Columns in Intermixed Heterojunctions. <i>Nano Letters</i> , 2014, 14, 6584-6589.	9.1	1
18	Effective thickness of two-dimensional superconductivity in a tunable triangular quantum well of SrTiO_3 . <i>Physical Review B</i> , 2014, 89, .	3.2	40

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19	Field-Induced Superconductivity in Electric Double Layer Transistors. Journal of the Physical Society of Japan, 2014, 83, 032001.	1.6	139
20	Electric-Field-Induced Superconductivity on an Organic/Oxide Interface. Japanese Journal of Applied Physics, 2013, 52, 110129.	1.5	2
21	Ultrafast Time-Resolved Faraday Rotation in EuO Thin Films. Physical Review Letters, 2012, 108, 257401.	7.8	23
22	ELECTRON CARRIER-MEDIATED ROOM TEMPERATURE FERROMAGNETISM IN ANATASE (Ti,CoO_2). Spin, 2012, 02, 1230005.	1.3	8
23	High Crystallinity CuScO_2 Delafossite Films Exhibiting Ultraviolet Photoluminescence Grown by Vapor-Liquid-Solid Tri-phase Epitaxy. Applied Physics Express, 2012, 5, 011201.	2.4	3
24	Ultrafast optical control of magnetization in EuO thin films. Physical Review B, 2012, 86, .	3.2	14
25	Observation of anomalous Hall effect in EuO epitaxial thin films grown by a pulse laser deposition. Applied Physics Letters, 2011, 98, .	3.3	37
26	Control of ferromagnetism at room temperature in $(\text{Ti,Co})\text{O}_2$ via chemical doping of electron carriers. Applied Physics Letters, 2011, 99, .	3.3	16
27	Emergence of superconductivity on a SrTiO_3 surface by electric-field charge accumulation. , 2011, , .		0
28	Discovery of superconductivity in KTaO_3 by electrostatic carrier doping. Nature Nanotechnology, 2011, 6, 408-412.	31.5	400
29	Electrically Induced Ferromagnetism at Room Temperature in Cobalt-Doped Titanium Dioxide. Science, 2011, 332, 1065-1067.	12.6	439
30	Strain-Mediated Phase Control and Electrolyte-Gating of Electron-Doped Manganites. Advanced Materials, 2011, 23, 5822-5827.	21.0	55
31	Insulating phase of a two-dimensional electron gas in $\text{MgZnO}/\text{ZnO}/\text{ZnO}$ heterostructures below 1×10^4 K. Applied Physics Express, 2010, 3, 103001.	3.2	29
32	Oxide Semiconductor Spintronics. Hyomen Kagaku, 2011, 32, 134-138.	0.0	0
33	Electronic-Field Control of Two-Dimensional Electrons in Polymer-Gated Oxide Semiconductor Heterostructures. Advanced Materials, 2010, 22, 876-879.	21.0	48
34	High-Throughput Screening of Ultraviolet-Visible Magneto-optical Properties of Spinel Ferrite $(\text{Zn,Co})\text{Fe}_2\text{O}_4$ Solid Solution Epitaxial Film by a Composition-Spread Approach. Applied Physics Express, 2010, 3, 103001.	2.4	7
35	Tuning of the metal-insulator transition in electrolyte-gated NdNiO_3 thin films. Applied Physics Letters, 2010, 97, .	3.3	102
36	Electrostatic charge accumulation versus electrochemical doping in SrTiO_3 electric double layer transistors. Applied Physics Letters, 2010, 96, .	3.3	81

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37	Epitaxial Structure of (001)- and (111)-Oriented Perovskite Ferrate Films Grown by Pulsed-Laser Deposition. <i>Crystal Growth and Design</i> , 2010, 10, 1725-1729.	3.0	25
38	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. <i>Applied Physics Letters</i> , 2010, 96, 052116.	3.3	16
39	Co-doped TiO ₂ films grown on glass: Room-temperature ferromagnetism accompanied with anomalous Hall effect and magneto-optical effect. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	17
40	Electric-field-induced superconductivity in an insulator. <i>Nature Materials</i> , 2008, 7, 855-858.	27.5	864
41	Role of charge carriers for ferromagnetism in cobalt-doped rutile TiO ₂ . <i>New Journal of Physics</i> , 2008, 10, 055018.	2.9	42
42	A Scaling Behavior of Anomalous Hall Effect in Cobalt Doped TiO ₂ . <i>Advances in Materials Research</i> , 2008, , 87-92.	0.2	0
43	High-Throughput Screening for Combinatorial Thin-Film Library of Thermoelectric Materials. <i>ACS Combinatorial Science</i> , 2008, 10, 175-178.	3.3	18
44	Transparent polymer Schottky contact for a high performance visible-blind ultraviolet photodiode based on ZnO. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	139
45	Mg _x Zn _{1-x} O-Based Schottky Photodiode for Highly Color-Selective Ultraviolet Light Detection. <i>Applied Physics Express</i> , 2008, 1, 121201.	2.4	25
46	p-type field-effect transistor of NiO with electric double-layer gating. <i>Applied Physics Letters</i> , 2008, 92, .	3.3	83
47	Effect of in situ annealed SnO ₂ buffer layer on structural and electrical properties of (001) SnO ₂ /TiO ₂ heterostructures. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 125309.	2.8	10
48	Improved Performance of Organic Light-Emitting Device with Anatase TiO ₂ Anode. <i>Japanese Journal of Applied Physics</i> , 2008, 47, 1276-1278.	1.5	1
49	Anomalous Hall effect in anatase Ti _{1-x} CoxO ₂ above room temperature. <i>Journal of Applied Physics</i> , 2008, 103, 07D114.	2.5	19
50	A Scaling Relation of Anomalous Hall Effect in Ferromagnetic Semiconductors and Metals. <i>Japanese Journal of Applied Physics</i> , 2007, 46, L642-L644.	1.5	60
51	Schottky contact on a ZnO (0001) single crystal with conducting polymer. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	118
52	Anomalous Hall effect in anatase Ti _{1-x} CoxO ₂ at low temperature regime. <i>Applied Physics Letters</i> , 2007, 90, 072103.	3.3	54
53	Combinatorial synthesis and high throughput evaluation of thermoelectric power factor in Mg-Si-Ge ternary compounds. <i>Applied Surface Science</i> , 2007, 254, 777-780.	6.1	14
54	Field-effect modulation of transport properties of charge-ordered La _{1-x} Sr _{2x-3} FeO ₃ thin films. <i>Physical Review B</i> , 2006, 73, .	3.2	12

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55	Sr ₂ TMO ₃ (TM=Ni, Co) Compounds with 1D TM-O Chains. <i>Advanced Materials</i> , 2006, 18, 2541-2544.	21.0	7
56	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
57	Ti _{1-x} Co _x O ₂ ·AlO _x ·Fe _{0.1} Co _{0.9} magnetic tunnel junctions with varied AlO _x thickness. <i>Journal of Applied Physics</i> , 2006, 99, 08M102.	2.5	11
58	A Ferromagnetic Oxide Semiconductor as Spin Injection Electrode in Magnetic Tunnel Junction. <i>Japanese Journal of Applied Physics</i> , 2005, 44, L896-L898.	1.5	45
59	Field-effect transistor based on KTaO ₃ perovskite. <i>Applied Physics Letters</i> , 2004, 84, 3726-3728.	3.3	51
60	Field-effect transistor on SrTiO ₃ with sputtered Al ₂ O ₃ gate insulator. <i>Applied Physics Letters</i> , 2003, 83, 1755-1757.	3.3	83
61	Electronic Structures of Two-Phase Microstructures in Pb-doped Bi ₂ Sr ₂ CaCu ₂ O _y . <i>Journal of Low Temperature Physics</i> , 1999, 117, 341-345.	1.4	11
62	Room Temperature Ferromagnetic Semiconductor Rutile Ti _{1-x} Co _x O ₂ ·AlO _x Epitaxial Thin Films Grown by Sputtering Method. <i>Applied Physics Express</i> , 0, 1, 111302.	2.4	5
63	Quantitative Conductivity Mapping of SrTiO ₃ ·LaAlO ₃ ·LaTiO ₃ Ternary Composition-Spread Thin Film by Scanning Microwave Microscope. <i>Applied Physics Express</i> , 0, 1, 055003.	2.4	7