

Hiroyuki Yamada

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1080249/publications.pdf>

Version: 2024-02-01

68
papers

4,445
citations

201674

27
h-index

110387

64
g-index

68
all docs

68
docs citations

68
times ranked

5881
citing authors

#	ARTICLE	IF	CITATIONS
1	A ferroelectric memristor. <i>Nature Materials</i> , 2012, 11, 860-864.	27.5	983
2	The Anomalous Hall Effect and Magnetic Monopoles in Momentum Space. <i>Science</i> , 2003, 302, 92-95.	12.6	853
3	Engineered Interface of Magnetic Oxides. <i>Science</i> , 2004, 305, 646-648.	12.6	358
4	Giant Electroresistance of Super-tetragonal BiFeO ₃ -Based Ferroelectric Tunnel Junctions. <i>ACS Nano</i> , 2013, 7, 5385-5390.	14.6	232
5	Valacyclovir and Prednisolone Treatment for Bell's Palsy. <i>Otology and Neurotology</i> , 2007, 28, 408-413.	1.3	210
6	Impact of Bi Deficiencies on Ferroelectric Resistive Switching Characteristics Observed at p ⁺ -type Schottky-Like Pt/Bi _{1-x} T _x FeO ₃ Interfaces. <i>Advanced Functional Materials</i> , 2012, 22, 1040-1047.	14.9	173
7	Induction of myasthenia by immunization against muscle-specific kinase. <i>Journal of Clinical Investigation</i> , 2006, 116, 1016-1024.	8.2	131
8	Magnetic, Electric and Structural Properties of \hat{r}^2 -AxV ₂ O ₅ (A=Na, Ag). <i>Journal of the Physical Society of Japan</i> , 1999, 68, 2735-2740.	1.6	108
9	LaMnO ₃ ∧SrMnO ₃ interfaces with coupled charge-spin-orbital modulation. <i>Applied Physics Letters</i> , 2006, 89, 052506.	3.3	84
10	Polarization switching behavior of Hf∧Zr∧O ferroelectric ultrathin films studied through coercive field characteristics. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 04FB01.	1.5	79
11	Magnetic anisotropy control of SrRuO ₃ films by tunable epitaxial strain. <i>Applied Physics Letters</i> , 2004, 84, 2590-2592.	3.3	77
12	Time-Dependent Negative Capacitance Effects in Al ₂ O ₃ /BaTiO ₃ Bilayers. <i>Nano Letters</i> , 2016, 16, 4375-4381.	9.1	75
13	Epitaxial growth and valence control of strained perovskite SrFeO ₃ films. <i>Applied Physics Letters</i> , 2002, 80, 622-624.	3.3	74
14	Low temperature X-ray study of \hat{r}^2 -AxV ₂ O ₅ . <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 957-960.	4.0	64
15	Perovskite oxide tricolor superlattices with artificially broken inversion symmetry by interface effects. <i>Applied Physics Letters</i> , 2002, 81, 4793-4795.	3.3	61
16	Ferroelectric control of a Mott insulator. <i>Scientific Reports</i> , 2013, 3, 2834.	3.3	58
17	Strain∧Mediated Phase Control and Electrolyte∧Gating of Electron∧Doped Manganites. <i>Advanced Materials</i> , 2011, 23, 5822-5827.	21.0	55
18	Resistive switching artificially induced in a dielectric/ferroelectric composite diode. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	51

#	ARTICLE	IF	CITATIONS
19	Preparation and magnetic properties of manganese(II) phthalocyanine thin films. Journal of Chemical Physics, 1998, 108, 10256-10261.	3.0	50
20	Strong Surface Termination Effect on Electroresistance in Ferroelectric Tunnel Junctions. Advanced Functional Materials, 2015, 25, 2708-2714.	14.9	44
21	Frustration of Negative Capacitance in Al ₂ O ₃ /BaTiO ₃ Bilayer Structure. Scientific Reports, 2016, 6, 19039.	3.3	44
22	Effects of ONO-5334, a novel orally-active inhibitor of cathepsin K, on bone metabolism. Bone, 2011, 49, 1351-1356.	2.9	42
23	Charge order and quasi-one-dimensional behavior in $\text{Rb}_2\text{V}_2\text{O}_5$. Journal of Alloys and Compounds, 2001, 317-318, 109-114.	5.5	38
24	Depth Profiling Charge Accumulation from a Ferroelectric into a Doped Mott Insulator. Nano Letters, 2015, 15, 2533-2541.	9.1	38
25	Phase evolution and critical behavior in strain-tuned LaMnO_3 . Physical Review B, 2010, 81, .	3.2	32
26	Ru-doped La _{0.6} Sr _{0.4} MnO ₃ thin films as a coercivity tunable electrode for magnetic tunnel junctions. Applied Physics Letters, 2005, 86, 192505.	3.3	29
27	Facial Nerve Decompression Surgery Using bFGF Impregnated Biodegradable Gelatin Hydrogel in Patients with Bell Palsy. Otolaryngology - Head and Neck Surgery, 2012, 146, 641-646.	1.9	27
28	Electrolyte Gated SmCoO ₃ Thin Film Transistors Exhibiting Thickness Dependent Large Switching Ratio at Room Temperature. Advanced Materials, 2013, 25, 2158-2161.	21.0	24
29	Maternal High-Fat Diet Exaggerates Atherosclerosis in Adult Offspring by Augmenting Periaortic Adipose Tissue-Specific Proinflammatory Response. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 558-569.	2.4	23
30	Augmented neutrophil extracellular traps formation promotes atherosclerosis development in socially defeated apoE ^{-/-} mice. Biochemical and Biophysical Research Communications, 2018, 500, 490-496.	2.1	23
31	Facial synkinesis after experimental compression of the facial nerve comparing intratemporal and extratemporal lesions. Laryngoscope, 2010, 120, 1022-1027.	2.0	22
32	Multilevel recording in Bi-deficient Pt/BFO/SRO heterostructures based on ferroelectric resistive switching targeting high-density information storage in nonvolatile memories. Applied Physics Letters, 2013, 103, .	3.3	20
33	Magnetic and electronic states in LaMnO_3 / SrMnO_3 superlattice exhibiting a large negative magnetoresistance. Physical Review B, 2015, 92, .	3.2	16
34	Structural and Electric Properties of $\text{Rb}_2\text{V}_2\text{O}_5$. Journal of the Physical Society of Japan, 2000, 69, 1437-1442.	1.6	15
35	Maternal high-fat diet exaggerates diet-induced insulin resistance in adult offspring by enhancing inflammasome activation through noncanonical pathway of caspase-11. Molecular Metabolism, 2020, 37, 100988.	6.5	14
36	Transplantation of periaortic adipose tissue inhibits atherosclerosis in apoE ^{-/-} mice by evoking TGF- β 1-mediated anti-inflammatory response in transplanted graft. Biochemical and Biophysical Research Communications, 2018, 501, 145-151.	2.1	13

#	ARTICLE	IF	CITATIONS
37	Comparison of Localized and Systemic Otitis Media With ANCA-Associated Vasculitis. <i>Otology and Neurotology</i> , 2017, 38, e506-e510.	1.3	12
38	Japanese translation, cross-cultural adaption and multicentre validation of the Zurich chronic middle ear inventory (ZCMEI-21-Jap). <i>Auris Nasus Larynx</i> , 2019, 46, 18-23.	1.2	12
39	Case-specific three-dimensional hologram with a mixed reality technique for tumor resection in otolaryngology. <i>Laryngoscope Investigative Otolaryngology</i> , 2021, 6, 432-437.	1.5	12
40	Observation of Structural Change with Possible Charge Disproportionation in Copper Vanadium Oxide Bronze $\text{La}_{2-x}\text{Cu}_{0.65}\text{V}_2\text{O}_5$. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 914-920.	1.6	11
41	Ca doping dependence of resistive switching characteristics in ferroelectric capacitors comprising Ca-doped BiFeO_3 . <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	11
42	Optical magnetoelectric effect at CaRuO_3 / CaMnO_3 interfaces as a polar ferromagnet. <i>Applied Physics Letters</i> , 2008, 92, 062508.	3.3	10
43	Effects of 16-month treatment with the cathepsin K inhibitor ONO-5334 on bone markers, mineral density, strength and histomorphometry in ovariectomized cynomolgus monkeys. <i>Bone</i> , 2016, 86, 43-52.	2.9	10
44	The treatment outcomes of rituximab for intractable otitis media with ANCA-associated vasculitis. <i>Auris Nasus Larynx</i> , 2019, 46, 38-42.	1.2	10
45	Effects of the Cathepsin K Inhibitor ONO-5334 and Concomitant Use of ONO-5334 with Methotrexate on Collagen-Induced Arthritis in Cynomolgus Monkeys. <i>International Journal of Rheumatology</i> , 2019, 2019, 1-10.	1.6	10
46	Ultrafast control of magnetization by photocarrier injection in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Applied Physics Letters</i> , 2010, 96, 122401.	3.2	10
47	Preparation of GaS Thin Films by Molecular Beam Epitaxy. <i>Japanese Journal of Applied Physics</i> , 1996, 35, L568-L570.	1.5	8
48	Joint Degradation in a Monkey Model of Collagen-Induced Arthritis: Role of Cathepsin K Based on Biochemical Markers and Histological Evaluation. <i>International Journal of Rheumatology</i> , 2016, 2016, 1-10.	1.6	8
49	Coherent Epitaxy of a Ferroelectric Heterostructure on a Trilayered Buffer for Integration into Silicon. <i>Advanced Electronic Materials</i> , 2016, 2, 1500334.	5.1	8
50	Social Stress Increases Vulnerability to High-Fat Diet-Induced Insulin Resistance by Enhancing Neutrophil Elastase Activity in Adipose Tissue. <i>Cells</i> , 2020, 9, 996.	4.1	8
51	The association between ear involvement and clinical features and prognosis in ANCA-associated vasculitis. <i>Auris Nasus Larynx</i> , 2021, 48, 885-889.	1.2	8
52	NMR study of charge ordering in AV_6O_{15} (A=Ca, Na and Ag). <i>Physica B: Condensed Matter</i> , 2000, 281-282, 606-607.	2.7	7
53	Magneto-Optical Characterization on the Ferromagnetic-Paramagnetic Transitions in the Composition-Spread Epitaxial Film of $\text{Sr}_{1-x}\text{Ca}_x\text{RuO}_3$. <i>Applied Physics Express</i> , 0, 1, 113001.	2.4	7
54	Resistive switching characteristics in dielectric/ferroelectric composite devices improved by post-thermal annealing at relatively low temperature. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	6

#	ARTICLE	IF	CITATIONS
55	Charge and magnetic ordering in $\hat{\text{I}}^2\text{-A0.33V2O5}$ (A=Na,Ag,Li). <i>Physica B: Condensed Matter</i> , 2000, 284-288, 1651-1652.	2.7	5
56	Cortical bone mineral density is increased by the cathepsin K inhibitor ONO-5334, which leads to a robust increase in bone strength: results from a 16-month study in ovariectomised cynomolgus monkeys. <i>Journal of Bone and Mineral Metabolism</i> , 2019, 37, 636-647.	2.7	5
57	The hearing prognosis of otitis media with ANCA-associated vasculitis. <i>Auris Nasus Larynx</i> , 2021, 48, 377-382.	1.2	5
58	Discrimination between photodoping- and heat-induced magnetization changes in $\text{Nd}_{0.52}\text{Sr}_{0.48}\text{MnO}_3$. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 713-714.	3.2	4
59	Charge ordering in $\text{NaV}_6\text{O}_{15}$: ^{15}V NMR in a single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2133-2134.	1.2	3
60	Magnetic and electronic properties of $(\text{LaMnO}_3)_{3.5}(\text{SrMnO}_3)_5$ superlattice revealed by resonant soft X-ray scattering. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FH07.	1.5	3
61	Construction of a soft X-ray diffractometer with a 7.5-T superconducting magnet. <i>Journal of Physics: Conference Series</i> , 2014, 502, 012016.	0.4	3
62	Intratympanic Insulin-like Growth Factor-1 Administration Via the Otic Bulla in a Severe Facial Paralysis Model. <i>Otology and Neurotology</i> , 2021, 42, e1376-e1381.	1.3	3
63	X-ray study of modulated structures of $\beta\prime\text{-Cu}_x\text{V}_2\text{O}_5$ ($x=0.29, 0.39$). <i>Physica B: Condensed Matter</i> , 2003, 329-333, 713-714.	2.7	2
64	Non-recovery animal model of severe facial paralysis induced by freezing the facial canal. <i>Auris Nasus Larynx</i> , 2020, 47, 778-784.	1.2	2
65	Maternal High-Fat Diet Promotes Abdominal Aortic Aneurysm Expansion in Adult Offspring by Epigenetic Regulation of IRF8-Mediated Osteoclast-like Macrophage Differentiation. <i>Cells</i> , 2021, 10, 2224.	4.1	2
66	Repeated Social Defeat Exaggerates Fibrin-Rich Clot Formation by Enhancing Neutrophil Extracellular Trap Formation via Platelet-Neutrophil Interactions. <i>Cells</i> , 2021, 10, 3344.	4.1	1
67	Comparison of the Signal Intensity of Vestibular Schwannoma Between Growing and Nongrowing Tumors. <i>Laryngoscope</i> , 2021, . .	2.0	0
68	Repeated Social Defeat Enhances CaCl_2 -Induced Abdominal Aortic Aneurysm Expansion by Inhibiting the Early Fibrotic Response via the MAPK-MKP-1 Pathway. <i>Cells</i> , 2022, 11, 732.	4.1	0