

# Hiroyuki Yamada

## List of Publications by Year in descending order

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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	Repeated Social Defeat Enhances CaCl <sub>2</sub> -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
2	The hearing prognosis of otitis media with ANCA-associated vasculitis. <i>Auris Nasus Larynx</i> , 2021, 48, 377-382.	1.2	5
3	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
4	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
5	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
6	Comparison of the Signal Intensity of Vestibular Schwannoma Between Growing and Nongrowing Tumors. <i>Laryngoscope</i> , 2021, , .	2.0	0
7	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
8	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
9	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
10	Maternal high-fat diet exaggerates diet-induced insulin resistance in adult offspring by enhancing inflammasome activation through noncanonical pathway of caspase-11. <i>Molecular Metabolism</i> , 2020, 37, 100988.	6.5	14
11	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
12	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
13	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
14	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, 1-9.	1.6	10
15	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
16	Augmented neutrophil extracellular traps formation promotes atherosclerosis development in socially defeated apoE <sup>-/-</sup> /A <sup>-/-</sup> mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 500, 490-496.	2.1	23
17	Polarization switching behavior of HfO <sub>2</sub> /ZrO <sub>2</sub> ferroelectric ultrathin films studied through coercive field characteristics. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 04FB01.	1.5	79
18	Transplantation of periaortic adipose tissue inhibits atherosclerosis in apoE <sup>-/-</sup> /A <sup>-/-</sup> mice by evoking TGF- $\beta$ 1-mediated anti-inflammatory response in transplanted graft. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 145-151.	2.1	13

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19	Comparison of Localized and Systemic Otitis Media With ANCA-Associated Vasculitis. <i>Otology and Neurotology</i> , 2017, 38, e506-e510.	1.3	12
20	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
21	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
22	Time-Dependent Negative Capacitance Effects in Al <sub>2</sub> O <sub>3</sub> /BaTiO <sub>3</sub> Bilayers. <i>Nano Letters</i> , 2016, 16, 4375-4381.	9.1	75
23	Frustration of Negative Capacitance in Al <sub>2</sub> O <sub>3</sub> /BaTiO <sub>3</sub> Bilayer Structure. <i>Scientific Reports</i> , 2016, 6, 19039.	3.3	44
24	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
25	Magnetic and electronic states in $(\text{LaMnO}_3)_{2n}(\text{SrMnO}_3)_{2m}$ superlattice exhibiting a large negative magnetoresistance. <i>Physical Review B</i> , 2015, 92, .		
26	Ca doping dependence of resistive switching characteristics in ferroelectric capacitors comprising Ca-doped BiFeO <sub>3</sub> . <i>Journal of Applied Physics</i> , 2015, 118, .	2.5	11
27	Maternal High-Fat Diet Exaggerates Atherosclerosis in Adult Offspring by Augmenting Periaortic Adipose Tissue-Specific Proinflammatory Response. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 558-569.	2.4	23
28	Strong Surface-Termination Effect on Electroresistance in Ferroelectric Tunnel Junctions. <i>Advanced Functional Materials</i> , 2015, 25, 2708-2714.	14.9	44
29	Depth Profiling Charge Accumulation from a Ferroelectric into a Doped Mott Insulator. <i>Nano Letters</i> , 2015, 15, 2533-2541.	9.1	38
30	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
31	Magnetic and electronic properties of $(\text{LaMnO}_3)_5(\text{SrMnO}_3)_5$ superlattice revealed by resonant soft X-ray scattering. <i>Japanese Journal of Applied Physics</i> , 2014, 53, 05FH07.	1.5	3
32	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
33	Resistive switching artificially induced in a dielectric/ferroelectric composite diode. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	51
34	Electrolyte-Gated SmCoO <sub>3</sub> Thin-Film Transistors Exhibiting Thickness-Dependent Large Switching Ratio at Room Temperature. <i>Advanced Materials</i> , 2013, 25, 2158-2161.	21.0	24
35	Giant Electroresistance of Super-tetragonal BiFeO <sub>3</sub> -Based Ferroelectric Tunnel Junctions. <i>ACS Nano</i> , 2013, 7, 5385-5390.	14.6	232
36	Ferroelectric control of a Mott insulator. <i>Scientific Reports</i> , 2013, 3, 2834.	3.3	58

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37	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
38	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
39	A ferroelectric memristor. Nature Materials, 2012, 11, 860-864.	27.5	983
40	Impact of Bi Deficiencies on Ferroelectric Resistive Switching Characteristics Observed at p-type Schottky-Like Pt/Bi <sub>1-x</sub> FeO <sub>3</sub> Interfaces. Advanced Functional Materials, 2012, 22, 1040-1047.	14.9	173
41	Effects of ONO-5334, a novel orally-active inhibitor of cathepsin K, on bone metabolism. Bone, 2011, 49, 1351-1356.	2.9	42
42	Strain-Mediated Phase Control and Electrolyte-Gating of Electron-Doped Manganites. Advanced Materials, 2011, 23, 5822-5827.	21.0	55
43	Ultrafast Control of Magnetization by Photocarrier Injection in La <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> . Physical Review Letters, 2011, 106, 177201.	11.2	12
44	Discrimination between photodoping and heat-induced magnetization changes in Nd <sub>2-x</sub> Pr <sub>x</sub> Fe <sub>2</sub> O <sub>7</sub> . Physical Review B, 2010, 81, 104407.	3.2	4
45	Facial synkinesis after experimental compression of the facial nerve comparing intratemporal and extratemporal lesions. Laryngoscope, 2010, 120, 1022-1027.	2.0	22
46	Phase evolution and critical behavior in strain-tuned LaMnO <sub>3</sub> . Physical Review B, 2010, 81, 104407.	3.3	32
47	Optical magnetoelectric effect at CaRuO <sub>3</sub> /CaMnO <sub>3</sub> interfaces as a polar ferromagnet. Applied Physics Letters, 2008, 92, 062508.	3.3	10
48	Valacyclovir and Prednisolone Treatment for Bell's Palsy. Otolaryngology and Neurotology, 2007, 28, 408-413.	1.3	210
49	Induction of myasthenia by immunization against muscle-specific kinase. Journal of Clinical Investigation, 2006, 116, 1016-1024.	8.2	131
50	LaMnO <sub>3</sub> /SrMnO <sub>3</sub> interfaces with coupled charge-spin-orbital modulation. Applied Physics Letters, 2006, 89, 052506.	3.3	84
51	Ru-doped La <sub>0.6</sub> Sr <sub>0.4</sub> MnO <sub>3</sub> thin films as a coercivity tunable electrode for magnetic tunnel junctions. Applied Physics Letters, 2005, 86, 192505.	3.3	29
52	Magnetic anisotropy control of SrRuO <sub>3</sub> films by tunable epitaxial strain. Applied Physics Letters, 2004, 84, 2590-2592.	3.3	77
53	Engineered Interface of Magnetic Oxides. Science, 2004, 305, 646-648.	12.6	358
54	Observation of Structural Change with Possible Charge Disproportionation in Copper Vanadium Oxide Bronze $\beta$ -Cu <sub>0.65</sub> V <sub>2</sub> O <sub>5</sub> . Journal of the Physical Society of Japan, 2004, 73, 914-920.	1.6	11

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55	X-ray study of modulated structures of $\beta'$ - $\text{Cu}_x\text{V}_2\text{O}_5$ ( $x=0.29,0.39$ ). Physica B: Condensed Matter, 2003, 329-333, 713-714.	2.7	2
56	The Anomalous Hall Effect and Magnetic Monopoles in Momentum Space. Science, 2003, 302, 92-95.	12.6	853
57	Perovskite oxide tricolor superlattices with artificially broken inversion symmetry by interface effects. Applied Physics Letters, 2002, 81, 4793-4795.	3.3	61
58	Epitaxial growth and valence control of strained perovskite $\text{SrFeO}_3$ films. Applied Physics Letters, 2002, 80, 622-624.	3.3	74
59	Low temperature X-ray study of $\hat{\Gamma}^2$ - $\text{AxV}_2\text{O}_5$ . Journal of Physics and Chemistry of Solids, 2002, 63, 957-960.	4.0	64
60	Charge order and quasi-one-dimensional behavior in $\hat{\Gamma}^2$ ( $\hat{\Gamma}^2\hat{\Gamma}^2$ )- $\text{AxV}_2\text{O}_5$ . Journal of Alloys and Compounds, 2001, 317-318, 109-114.	5.5	38
61	NMR study of charge ordering in $\text{AV}_6\text{O}_{15}$ ( $A=\text{Ca}, \text{Na}$ and $\text{Ag}$ ). Physica B: Condensed Matter, 2000, 281-282, 606-607.	2.7	7
62	Charge and magnetic ordering in $\hat{\Gamma}^2$ - $\text{A}_0.33\text{V}_2\text{O}_5$ ( $A=\text{Na}, \text{Ag}, \text{Li}$ ). Physica B: Condensed Matter, 2000, 284-288, 1651-1652.	2.7	5
63	Charge ordering in $\text{NaV}_6\text{O}_{15}$ : $^{15}\text{V}$ NMR in a single crystal. Physica C: Superconductivity and Its Applications, 2000, 341-348, 2133-2134.	1.2	3
64	Structural and Electric Properties of $\hat{\Gamma}^2\hat{\Gamma}^2$ - $\text{Cu}_x\text{V}_2\text{O}_5$ . Journal of the Physical Society of Japan, 2000, 69, 1437-1442.	1.6	15
65	Magnetic, Electric and Structural Properties of $\hat{\Gamma}^2$ - $\text{AxV}_2\text{O}_5$ ( $A=\text{Na}, \text{Ag}$ ). Journal of the Physical Society of Japan, 1999, 68, 2735-2740.	1.6	108
66	Preparation and magnetic properties of manganese(II) phthalocyanine thin films. Journal of Chemical Physics, 1998, 108, 10256-10261.	3.0	50
67	Preparation of GaS Thin Films by Molecular Beam Epitaxy. Japanese Journal of Applied Physics, 1996, 35, L568-L570.	1.5	8
68	Magneto-Optical Characterization on the Ferromagnetic-Paramagnetic Transitions in the Composition-Spread Epitaxial Film of $\text{Sr}_{1-x}\text{Ca}_x\text{RuO}_3$ . Applied Physics Express, 0, 1, 113001.	2.4	7