

Masaki Nakano

List of Publications by Year in descending order

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papers

2,325
citations

361413

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all docs

35
docs citations

35
times ranked

4438
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-Induced Orbit-Induced Ising Ferromagnetism at a van der Waals Interface. Nano Letters, 2021, 21, 1807-1814.	9.1	14
2	Ultrafast switching to an insulating-like metastable state by amplitudon excitation of a charge density wave. Nature Physics, 2021, 17, 909-914.	16.7	19
3	Terahertz pulse-induced melting of charge density wave through the coherent excitation of amplitude mode in $3R\text{-Ta}_{1+x}\text{Se}_2$. , 2021, , .		0
4	Superconducting $3R\text{-Ta}_{1+x}\text{Se}_2$ with Giant In-Plane Upper Critical Fields. Nano Letters, 2020, 20, 1725-1730.	9.1	16
5	Angle dependence of H_c with a crossover between the orbital and paramagnetic limits. Physical Review Research, 2020, 2, .	3.6	11
6	Intrinsic 2D Ferromagnetism in V_5Se_8 Epitaxial Thin Films. Nano Letters, 2019, 19, 8806-8810.	9.1	54
7	Electrical Conduction at the Interface between Insulating van der Waals Materials. Advanced Functional Materials, 2019, 29, 1900354.	14.9	10
8	Signatures of charge-order correlations in transport properties of electron-doped cuprate superconductors. Physical Review B, 2018, 98, .	3.2	5
9	Transport properties of a few nanometer-thick TiSe_2 films grown by molecular-beam epitaxy. Applied Physics Letters, 2018, 113, 073101.	3.3	17
10	Current switching of electronic structures in two-dimensional S_2T crystals. Physical Review B, 2017, 95, .	3.2	32
11	Layer-by-Layer Epitaxial Growth of Scalable WSe_2 on Sapphire by Molecular Beam Epitaxy. Nano Letters, 2017, 17, 5595-5599.	9.1	105
12	Extended Polymorphism of Two-Dimensional Material. Nano Letters, 2017, 17, 5567-5571.	9.1	25
13	Endeavor of Iontronics: From Fundamentals to Applications of Ion-Controlled Electronics. Advanced Materials, 2017, 29, 1607054.	21.0	386
14	Properties and functionalities of organic-oxide heterointerfaces. , 2016, , .		0
15	Distinct Substrate Effect on the Reversibility of the Metal-Insulator Transitions in Electrolyte-Gated VO_2 Thin Films. Advanced Electronic Materials, 2015, 1, 1500093.	5.1	28
16	Raising the metal-insulator transition temperature of VO_2 thin films by surface adsorption of organic polar molecules. Applied Physics Express, 2015, 8, 121101.	2.4	25
17	Memristive phase switching in two-dimensional 1T-TaS_2 crystals. Science Advances, 2015, 1, e1500606.	10.3	224
18	Asymmetric Phase Transitions Observed at the Interface of a Field-Effect Transistor Based on an Organic Mott Insulator. European Journal of Inorganic Chemistry, 2014, 2014, 3841-3844.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Gate Control of Percolative Conduction in Strongly Correlated Manganite Films. <i>Advanced Materials</i> , 2014, 26, 2874-2877.	21.0	17
20	A strained organic field-effect transistor with a gate-tunable superconducting channel. <i>Nature Communications</i> , 2013, 4, 2379.	12.8	55
21	Infrared-sensitive electrochromic device based on VO ₂ . <i>Applied Physics Letters</i> , 2013, 103, .	3.3	75
22	Single-crystal organic charge-transfer interfaces probed using Schottky-gated heterostructures. <i>Nature Materials</i> , 2012, 11, 788-794.	27.5	76
23	Current-Confinement Structure and Extremely High Current Density in Organic Light-Emitting Transistors. <i>Advanced Materials</i> , 2012, 24, 6141-6146.	21.0	85
24	Collective bulk carrier delocalization driven by electrostatic surface charge accumulation. <i>Nature</i> , 2012, 487, 459-462.	27.8	659
25	Electronic-Field Control of Two-Dimensional Electrons in Polymer-Gated Oxide Semiconductor Heterostructures. <i>Advanced Materials</i> , 2010, 22, 876-879.	21.0	48
26	Small gap semiconducting organic charge-transfer interfaces. <i>Applied Physics Letters</i> , 2010, 96, 232102.	3.3	28
27	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
28	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
29	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
30	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
31	Schottky contact on a ZnO (0001) single crystal with conducting polymer. <i>Applied Physics Letters</i> , 2007, 91, .	3.3	118
32	Longitudinal diffusion behavior of hemicyanine dyes across phospholipid vesicle membranes as studied by second-harmonic generation and fluorescence spectroscopies. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 627-632.	3.7	32
33	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
34	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
35	Room Temperature Ferromagnetic Semiconductor Rutile Ti _{1-x} Co _x O ₂ Epitaxial Thin Films Grown by Sputtering Method. <i>Applied Physics Express</i> , 0, 1, 111302.	2.4	5