

Mario Okawa

List of Publications by Year in descending order

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1511
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#	ARTICLE	IF	CITATIONS
1	Electronic Structure of Spinel-Type $MgTi_2O_4$: Valence Change at Surface and Effect of Fe Substitution for Mg. Journal of the Physical Society of Japan, 2022, 91, .	1.6	4
2	Valence Fluctuations in $Yb(Al,Fe)B_4$ Studied by Nanosecond-time-resolved Photoemission Spectroscopy Using Synchrotron Radiation. E-Journal of Surface Science and Nanotechnology, 2021, 19, 20-23.	0.4	0
3	Electronic Structure of $Sr_3Fe_2CoO_{7+\delta}$ Studied by Photoemission and X-ray Absorption Spectroscopy. , 2020, , .		0
4	Electronic Structure of a Delafossite Oxide $CuAlO_2$ in Comparison with $CuCrO_2$. Journal of the Physical Society of Japan, 2019, 88, 074701.	1.6	2
5	Temperature-dependent valence state within the metallic phase of $BaV_{10}O_{15}$ probed by hard x-ray photoelectron spectroscopy. Physical Review B, 2019, 99, .	3.2	4
6	Quantum valence criticality in a correlated metal. Science Advances, 2018, 4, eaao3547.	10.3	28
7	Anomalous metallic state with strong charge fluctuations in $Ba_xTi_8O_{16+\delta}$ revealed by hard x-ray photoemission spectroscopy. Physical Review B, 2018, 97, .	3.2	7
8	Observation of a Pseudogap in the Vicinity of the Metal-Insulator Transition in the Perovskite-type Vanadium Oxides $Nd_{1-x}Sr_xVO_3$. Journal of the Physical Society of Japan, 2018, 87, 024708.	1.6	2
9	Unusual valence state and metal-insulator transition in $BaV_{10}O_{15}$. Physical Review B, 2017, 95, .	3.2	14
10	Electronic properties of $BaV_{13}O_{18}$. Physical Review B, 2017, 95, .	3.2	8
11	Ce Core-Level Spectroscopy, and Magnetic and Electrical Transport Properties of Lightly Ce-Doped YCo_3 . Journal of the Physical Society of Japan, 2016, 85, 114704.	1.6	2
12	Coexistence of a pseudogap and a superconducting gap for the $La_{1-x}Sr_xVO_3$. Physical Review B, 2016, 93, .	3.2	17
13	Nonequilibrium electronic and phonon dynamics of $Cu_0.17Bi_2Se_3$ investigated by core-level and valence-band time-resolved photoemission spectroscopy. Physical Review B, 2015, 92, .	3.2	4
14	Hybridization gap formation in the Kondo insulator YbB_{12} using time-resolved photoemission spectroscopy. Physical Review B, 2015, 92, .	3.2	23
15	Electronic Structure Evolution across the Peierls Metal-Insulator Transition in a Correlated Ferromagnet. Physical Review X, 2015, 5, .	8.9	10
16	Emergent photovoltage on SrB_6 surface upon bulk-gap evolution revealed by pump-and-probe photoemission spectroscopy. Scientific Reports, 2015, 5, 8160.	3.3	28
17	Laboratory hard X-ray photoelectron spectroscopy of $La_{1-x}Sr_xMnO_3$. Japanese Journal of Applied Physics, 2015, 54, 083201.	1.5	2
18	A Self-Emissivity-Controlling Radiator for Spacecrafts by Making Use of a Metal-Insulator Transition in Magnetoresistive Manganites. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	Buried Well-Screened State in Photoemission Spectra of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. , 2014, , .		1
20	Cu $\text{Cr}_{1-x}\text{Mg}_x\text{O}_2$ Cr Hybridization Effects on the Electronic Structure of a Hole-Doped Delafossite Oxide $\text{CuCr}_{1-x}\text{Mg}_x\text{O}_2$. , 2014, , .		0
21	Electronic Structure Evolution of $\text{La}_{0.6}\text{Sr}_{0.4}\text{Mn}_{1-y}\text{Nb}_y\text{O}_3$ across a Metal-Insulator Transition by Nb Doping. , 2014, , .		
22	Growth of TiO_2 thin film by RF magnetron sputtering using oxygen radicals and Ti metal. Japanese Journal of Applied Physics, 2014, 53, 06JG01.	1.5	10
23	EFFECTS OF HOLE-DOPING AND DISORDER ON THE MAGNETIC STATES OF DELAFOSSITE CuCrO_2 HAVING A SPIN-3/2 ANTIFERROMAGNETIC TRIANGULAR SUBLATTICE. International Journal of Modern Physics B, 2013, 27, 1330002.	2.0	12
24	Bulk-Sensitive Angle-Resolved Photoemission Spectroscopy on TTF-TCNQ. Journal of the Physical Society of Japan, 2013, 82, 025004.	1.6	5
25	Electronic structure of the hole-doped delafossite oxides $\text{CuCr}_{1-x}\text{Mg}_x\text{O}_2$ and $\text{CuCr}_{1-x}\text{Mg}_x\text{O}_2$. Physical Review B, 2013, 88, 040401.	3.2	41
26	Empirical relationship between x-ray photoemission spectra and electrical conductivity in a colossal magnetoresistive manganite $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. Journal of Applied Physics, 2013, 113, .	2.5	17
27	Observation of two fine structures related to the hidden order in the spectral functions of URu_2Si_2 . Physical Review B, 2012, 85, .	3.2	19
28	Angle-resolved photoemission study on the superconducting iron-pnictides of $\text{BaFe}_2(\text{As,P})_2$ with low energy photons. Solid State Communications, 2012, 152, 695-700.	1.9	8
29	Common Origin of the Circular Dichroism Pattern in Angle-Resolved Photoemission Spectroscopy of SrTiO_3 and Bi_2Te_3 . Physical Review B, 2012, 85, 040401.	7.8	33
30	Electronic structure of an antiferromagnetic metal: CaCrO_3 . Physical Review B, 2011, 83, .	3.2	24
31	Orbital-Independent Superconducting Gaps in Iron Pnictides. Science, 2011, 332, 564-567.	12.6	131
32	Electronic structure of $\text{U}(\text{Ru}_{1-x}\text{Rh}_x)_2\text{Si}_2$ studied by laser angle-resolved photoemission spectroscopy. Journal of Physics: Conference Series, 2011, 273, 012021.	0.4	1
33	Ultrahigh-resolution laser photoemission study of URu_2Si_2 across the hidden-order transition. Journal of Physics and Chemistry of Solids, 2011, 72, 580-581.	4.0	4
34	Two-Fermi-Surface Superconducting State and a Nodal d -Wave Energy Gap of the Electron-Doped $\text{Ce}_{1-x}\text{Pr}_x\text{FeAs}_2$. Physical Review B, 2011, 83, 040401.	7.8	25
35	Three energy scales characterizing the competing pseudogap state, the incoherent, and the coherent superconducting state in high- T_c $\text{Ce}_{1-x}\text{Pr}_x\text{FeAs}_2$. Physical Review B, 2011, 83, .	3.2	21
36	Analysis on photoemission spectrum of superconducting FeSe. Physica C: Superconductivity and Its Applications, 2010, 470, S389-S390.	1.2	6

#	ARTICLE	IF	CITATIONS
37	Bulk-sensitive laser-ARPES study on the cuprate superconductor $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si9.gif" overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{YBa} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Physica C: Superconductivity and Its Applications, 2010, 470, S62-S64.}$	1.2	2
38	Orbital-Dependent Modifications of Electronic Structure across the Magnetoelectronic Transition in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{BaFe} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{As} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \text{Physical Review Letters, 2010, 104, 057002.}$	7.8	162
39	Signature of hidden order and evidence for periodicity modification in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{URu} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{As} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \text{Physical Review B, 2010, 82, .}$	3.2	67
40	Strong Valence Fluctuation in the Quantum Critical Heavy Fermion Superconductor $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \text{mathvariant="normal"} \rangle \hat{a} \langle \text{mml:mtext} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{YbAlB} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{As} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \text{Physical Review Letters, 2010, 104, 247201.}$	7.8	104
41	Superconducting electronic state in optimally doped $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{YBa} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{As} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \text{Physical Review B, 2009, 79, .}$	3.2	26
42	Temperature-dependent pseudogap in the oxypnictides $\text{LaFeAsO}1-x\text{F}$ and $\text{LaFePO}1-x\text{F}$ seen via angle-integrated photoemission. <i>Physical Review B</i> , 2009, 79, .	3.2	24
43	Electronic Structure of Superconducting FeSe Studied by High-Resolution Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 034708.	1.6	36
44	Bulk-sensitive spectroscopic studies on noncentrosymmetric superconducting system of MgIrB . <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 1034-1036.	1.2	3
45	Superconducting Gap and Valence Band of $\text{Mg}_{10}\text{Ir}_{19}\text{B}_{16}$ Studied by Laser and Synchrotron Photoemission Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 034705.	1.6	3
46	Momentum dependence of the energy gap in the superconducting state of optimally doped $\text{Bi}_2(\text{Sr}, \text{R})_2\text{CuO}_y$ ($\text{R} = \text{La}$ and Eu). <i>Journal of Physics: Conference Series</i> , 2009, 150, 052197.	0.4	2
47	Doping-dependence of nodal quasiparticle properties in high- T_c cuprates studied by laser-excited angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2008, 77, .	3.2	13
48	Unusual Pseudogap Features Observed in Iron Oxypnictide Superconductors. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 61-64.	1.6	16