Mario Okawa

List of Publications by Year in descending order

48 papers	975 citations	516710 16 h-index	434195 31 g-index
52 all docs	52 docs citations	52 times ranked	1511 citing authors

#	Article	IF	Citations
1	Orbital-Dependent Modifications of Electronic Structure across the Magnetostructural Transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>As</mml:mi><mm Physical Review Letters, 2010, 104, 057002.	7.8	162
2	Orbital-Independent Superconducting Gaps in Iron Pnictides. Science, 2011, 332, 564-567.	12.6	131
3	Strong Valence Fluctuation in the Quantum Critical Heavy Fermion Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î²</mml:mi><mml:mtext mathvariant="normal">â"</mml:mtext><mml:msub><mml:mi>YbAlB</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:math>: A Hard X-Ray Photoemission Study. Physical Review Letters, 2010, 104, 247201.	7.8	104
4	Signature of hidden order and evidence for periodicity modification in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>URu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms Physical Review B, 2010, 82, .	3.2	67
5	Electronic structure of the hole-doped delafossite oxides CuCr<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â"</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Mg<mml xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	3.2	41
6	Electronic Structure of Superconducting FeSe Studied by High-Resolution Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2009, 78, 034708.	1.6	36
7	Common Origin of the Circular-Dichroism Pattern in Angle-Resolved Photoemission Spectroscopy of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Cu</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Bi</mml:mi><mml:mn> Physical Review Letters, 2011, 107, 077601.	7.8	33
8	Emergent photovoltage on SmB6 surface upon bulk-gap evolution revealed by pump-and-probe photoemission spectroscopy. Scientific Reports, 2015, 5, 8160.	3.3	28
9	Quantum valence criticality in a correlated metal. Science Advances, 2018, 4, eaao3547.	10.3	28
10	Superconducting electronic state in optimally doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YBa</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:ms with laser-excited angle-resolved photoemission spectra. Physical Review B, 2009, 79, .	3.2	26
11	[illegible] xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math>-Wave Energy Gap of the Electron-Doped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Sm</mml:mi><mml:mn>1.85</mml:mn></mml:msub><mml:msub><mml:mi>Ce</mml:mi><m Physical Review Letters, 2011, 106, 197002.	7.8	25
12	Temperature-dependent pseudogap in the oxypnictidesLaFeAsO1â"xFxandLaFePO1â"xFxseen via angle-integrated photoemission. Physical Review B, 2009, 79, .	3.2	24
13	Electronic structure of an antiferromagnetic metal: CaCrO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review B, 2011, 83, .	3.2	24
14	Hybridization gap formation in the Kondo insulator<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YbB</mml:mi><mml:mn>12</mml:mn></mml:msub></m using time-resolved photoemission spectroscopy. Physical Review B, 2015, 92, .	3.2	23
15	Three energy scales characterizing the competing pseudogap state, the incoherent, and the coherent superconducting state in high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mrow><mml:mi>c</mml:mi></mml:mrow></mml:msub></mm Physical Review B, 2011, 83, .	3.2	21
16	Observation of two fine structures related to the hidden order in the spectral functions of URu2Si2. Physical Review B, 2012, 85, .	3.2	19
17	Coexistence of a pseudogap and a superconducting gap for the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mtext>high</mml:mtext><mml:mo>â"</mml:mo><mml:msub><mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>La</mml:mi><mml:mrow><mml:mn>2</m Physical Review B, 2016, 93, .	3.2	17
18	Empirical relationship between x-ray photoemission spectra and electrical conductivity in a colossal magnetoresistive manganite La1â"<i>x</i>Sr<i>x</i>MnO3. Journal of Applied Physics, 2013, 113, .	2.5	17

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19	Unusual Pseudogap Features Observed in Iron Oxypnictide Superconductors. Journal of the Physical Society of Japan, 2008, 77, 61-64.	1.6	16
20	Unusual valence state and metal-insulator transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaV</mml:mi><mml:mn>10</mml:mn></mr width="0.16em" /><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>15</mml:mn></mml:msub></mml:mrow></mml:math> probed by hard x-ray photoemission spectroscopy. Physical Review B, 2017, 95, .	3.2	14
21	Doping-dependence of nodal quasiparticle properties in high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>cuprates studied by laser-excited angle-resolved photoemission spectroscopy. Physical Review B, 2008, 77, .	3.2	13
22	EFFECTS OF HOLE-DOPING AND DISORDER ON THE MAGNETIC STATES OF DELAFOSSITE CuCrO₂ HAVING A SPIN-3/2 ANTIFERROMAGNETIC TRIANGULAR SUBLATTICE. International Journal of Modern Physics B, 2013, 27, 1330002.	2.0	12
23	Electronic Structure Evolution across the Peierls Metal-Insulator Transition in a Correlated Ferromagnet. Physical Review X, 2015, 5, .	8.9	10
24	Growth of TiO_{2âˆ'Î´}thin film by RF magnetron sputtering using oxygen radicals and Ti metal. Japanese Journal of Applied Physics, 2014, 53, 06JG01.	1.5	10
25	Angle-resolved photoemission study on the superconducting iron-pnictides of BaFe2(As,P)2 with low energy photons. Solid State Communications, 2012, 152, 695-700.	1.9	8
26	Electronic properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mrow><mml:mn>1</mm mathvariant="normal">V</mml:mi><mml:mn>13</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>18</mml:mn></mml:msub></mml:mrow></mml:math> <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:m. Physical Review B, 2017, 95, .	3.2	8
27	Anomalous metallic state with strong charge fluctuations in BaxTi8O16+Î´ revealed by hard x-ray photoemission spectroscopy. Physical Review B, 2018, 97, .	3.2	7
28	Analysis on photoemission spectrum of superconducting FeSe. Physica C: Superconductivity and Its Applications, 2010, 470, S389-S390.	1.2	6
29	Bulk-Sensitive Angle-Resolved Photoemission Spectroscopy on TTF-TCNQ. Journal of the Physical Society of Japan, 2013, 82, 025004.	1.6	5
30	Ultrahigh-resolution laser photoemission study of URu2Si2 across the hidden-order transition. Journal of Physics and Chemistry of Solids, 2011, 72, 580-581.	4.0	4
31	Nonequilibrium electronic and phonon dynamics ofCu0.17Bi2Se3investigated by core-level and valence-band time-resolved photoemission spectroscopy. Physical Review B, 2015, 92, .	3.2	4
32	Temperature-dependent valence state within the metallic phase of BaV10O15 probed by hard x-ray photoelectron spectroscopy. Physical Review B, 2019, 99, .	3.2	4
33	Electronic Structure of Spinel-Type MgTi₂O₄: Valence Change at Surface and Effect of Fe Substitution for Mg. Journal of the Physical Society of Japan, 2022, 91, .	1.6	4
34	Bulk-sensitive spectroscopic studies on noncentrosymmetric superconducting system of Mgâ€"Irâ€"B. Physica C: Superconductivity and Its Applications, 2009, 469, 1034-1036.	1.2	3
35	Superconducting Gap and Valence Band of Mg10Ir19B16 Studied by Laser and Synchrotron Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2009, 78, 034705.	1.6	3
36	Momentum dependence of the energy gap in the superconducting state of optimally doped Bi₂(Sr,<i>R</i>)₂CuO_y(<i>R</i>=La and Eu). Journal of Physics: Conference Series, 2009, 150, 052197.	0.4	2

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37	Bulk-sensitive laser-ARPES study on the cuprate superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si9.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YBa</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn> Physica C: Superconductivity and Its Applications, 2010, 470, S62-S64.	1.2	2
38	Laboratory hard X-ray photoelectron spectroscopy of La1â^'xSrxMnO3. Japanese Journal of Applied Physics, 2015, 54, 083201.	1.5	2
39	Ce Core-Level Spectroscopy, and Magnetic and Electrical Transport Properties of Lightly Ce-Doped YCoO₃. Journal of the Physical Society of Japan, 2016, 85, 114704.	1.6	2
40	Observation of a Pseudogap in the Vicinity of the Metalâ€“Insulator Transition in the Perovskite-type Vanadium Oxides Nd1â^'xSrxVO3. Journal of the Physical Society of Japan, 2018, 87, 024708.	1.6	2
41	Electronic Structure of a Delafossite Oxide CuAlO2 in Comparison with CuCrO2. Journal of the Physical Society of Japan, 2019, 88, 074701.	1.6	2
42	Electronic structure of U(Ru1â^'xRhx)2Si2studied by laser angle-resolved photoemission spectroscopy. Journal of Physics: Conference Series, 2011, 273, 012021.	0.4	1
43	Buried Well-Screened State in Photoemission Spectra of La_{1â^'}_xSr_xMnO₃. , 2014, , .		1
44	A Self-Emissivity-Controlling Radiator for Spacecrafts by Making Use of a Metal-Insulator Transition in Magnetoresistive Manganites. , 2014, , .		0
45	Cuâ€“Oâ€“Cr Hybridization Effects on the Electronic Structure of a Hole-Doped Delafossite Oxide CuCr_{1â^'}_xMg_xO₂. , 2014, , .		0
46	Electronic Structure Evolution of La_{0.6}Sr_{0.4}Mn_{1â^'}_yNb_yO₃across a Metal-Insulator Transition by Nb Doping. , 2014, , .		0
47	Electronic Structure of Sr₃Fe_{2â^'}_xCo_xO_{7â^'}_{Î´} Studied by Photoemission and X-ray Absorption Spectroscopy. , 2020, , .		0
48	Valence Fluctuations in Yb(Al,Fe)B₄ Studied by Nanosecond-time-resolved Photoemission Spectroscopy Using Synchrotron Radiation. E-Journal of Surface Science and Nanotechnology, 2021, 19, 20-23.	0.4	0