

# Hidekazu Okamura

## List of Publications by Year in descending order

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27  
papers

487  
citations

949033

11  
h-index

759306

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrared and Raman Spectroscopic Study of Methane Clathrate Hydrates at Low Temperatures and High Pressures: Dynamics and Cage Occupancy of Methane. Journal of Physical Chemistry C, 2021, 125, 189-200.	1.5	4
2	Robust hybridization gap in the Kondo insulator YbB12 probed by femtosecond optical spectroscopy. Physical Review B, 2021, 103, .	1.1	2
3	Hybridization-Gap Formation and Superconductivity in the Pressure-Induced Semimetallic Phase of the Excitonic Insulator Ta2NiSe5. Journal of the Physical Society of Japan, 2021, 90, 074706.	0.7	15
4	Pressure Induced Spectral Redistribution due to Te2 Dimer Breaking in AuTe2. Journal of the Physical Society of Japan, 2021, 90, .	0.7	0
5	Optical Conductivity Study of $f$ Electron States in YbCu <sub>2</sub> Ge <sub>2</sub> at High Pressures to 20 GPa. , 2020, , .		1
6	Contrasting pressure evolution of $f$ -electron hybridized states in CeRhIn <sub>5</sub> and $f$ hybridized states in YbNi <sub>3</sub> Infrared spectroscopy techniques for studying the electronic structures of materials under high pressure. Japanese Journal of Applied Physics, 2017, 56, 05FA11.	1.1	4
7	Emergence of charge degrees of freedom under high pressure in the organic dimer-Mott insulator $\hat{\rho}^2$ Physical Review B, 2015, 92, .	0.8	12
8	Pressure evolution of $f$ electron hybridized state in CeCoIn <sub>5</sub> studied by optical conductivity. Journal of Physics: Conference Series, 2015, 592, 012001.	1.1	19
9	Infrared Studies of Electronic Structures in Materials under High Pressure. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2015, 25, 11-19.	0.3	5
10	Infrared and Terahertz Spectroscopy of Strongly Correlated Electron Systems under Extreme Conditions. Journal of the Physical Society of Japan, 2013, 82, 021004.	0.1	0
11	Pressure Suppression of Spin-Density-Wave Gap in the Optical Conductivity of SrFe <sub>2</sub> As <sub>2</sub> . Journal of the Physical Society of Japan, 2013, 82, 074720.	0.7	4
12	A simple method for the Kramers-Kronig analysis of reflectance spectra measured with diamond anvil cell. Journal of Physics: Conference Series, 2012, 359, 012013.	0.3	10
13	Near-Field Spectroscopy with Infrared Synchrotron Radiation Source. E-Journal of Surface Science and Nanotechnology, 2011, 9, 63-66.	0.1	7
14	Application of a Modulating Technique to Detect Near-Field Signals Using a Conventional IR Spectrometer with a Ceramic Light Source. E-Journal of Surface Science and Nanotechnology, 2011, 9, 40-45.	0.1	4
15	Optical Conductivity and Electronic Structure of CeRu <sub>4</sub> Sb <sub>12</sub> under High Pressure. Journal of the Physical Society of Japan, 2011, 80, 084718.	0.7	13
16	High Pressure IR Studies of Correlated Electron Materials at SPring-8. , 2010, , .		0
17	High pressure infrared studies of correlated electron materials using synchrotron radiation. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	Optical Conductivity and Electronic Structures in Ce-Filled Skutterudites. Journal of the Physical Society of Japan, 2008, 77, 315-317.	0.7	11
20	Combining photoemission and optical spectroscopies for reliable valence determination in YbS and Yb metal. Physical Review B, 2008, 78, .	1.1	24
21	Universal Scaling in the Dynamical Conductivity of Heavy Fermion Ce and Yb Compounds. Journal of the Physical Society of Japan, 2007, 76, 023703.	0.7	48
22	Indirect and Direct Energy Gaps in Kondo Semiconductor YbB12. Journal of the Physical Society of Japan, 2005, 74, 1954-1957.	0.7	40
23	Pseudogap Formation and Heavy-Carrier Dynamics in Intermediate-Valence YbAl3. Journal of the Physical Society of Japan, 2004, 73, 2045-2048.	0.7	47
24	Optical Conductivity of CeNiSn, CeRhSb, and CeRhAs. Journal of the Physical Society of Japan, 2002, 71, 291-293.	0.7	11
25	Electronic Structures of the Kondo Semiconductor YbB12: Temperature and Non-Magnetic Dilution Effects. Journal of the Physical Society of Japan, 2002, 71, 303-305.	0.7	4
26	Performance of IR-VUV normal incidence monochromator beamline at UVSOR. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 467-468, 601-604.	0.7	31
27	Pseudogap Formation in the Intermetallic Compounds $(\text{Fe}_{1-x}\text{V}_x)_3\text{Al}$ . Physical Review Letters, 2000, 84, 3674-3677.	2.9	138