

Akihiro Mitsuda

List of Publications by Year in descending order

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times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of lattice coherence in the intermediate-valence heavy-fermion compound EuNi_2Ge_2 studied by point contact spectroscopy. <i>Physical Review B</i> , 2021, 103, .	3.2	11
2	Electronic Structure of the Valence Transition System $\text{Eu}(\text{Rh}_{1-x}\text{T}_x)_2\text{Si}_2$ (T = Co, Ir) Studied by High-Energy Resolution Fluorescence Detection X-Ray Absorption Spectroscopy. , 2020, , .		1
3	Valence Transition of EuRh_2Si_2 Studied by Synchrotron Mössbauer Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 104703.	1.6	2
4	Point-Contact Spectroscopy Study of YbPd/W Interface. , 2020, , .		2
5	Pressure-Induced Cubic Valence Fluctuating Ground State in YbPd . , 2020, , .		0
6	Lattice instability coupled with valence degrees of freedom in valence fluctuation compound YbPd . <i>Physical Review B</i> , 2020, 102, .	3.2	2
7	Ultrasound Investigation of the Eu-based Mixed Valence System EuRh_2Si_2 . , 2020, , .		0
8	Ga Substitution Effect on the Valence Transition of $\text{EuPt}_6\text{Al}_{15}$. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 114713.	1.6	1
9	Observation of Kondo resonance in valence-ordered YbPd . <i>Physical Review B</i> , 2019, 100, .	3.2	8
10	Emergence of a new valence-ordered structure and collapse of the magnetic order under high pressure in EuPt . <i>Journal of Physics Condensed Matter</i> , 2018, 30, 105603.	1.8	4
11	Pressure and magnetic field effects on the valence transition of EuRh_2Si_2 . <i>Physica B: Condensed Matter</i> , 2018, 536, 427-431.	2.7	9
12	^{195}Pt -NMR Evidence for Opening of Partial Charge-Density-Wave Gap in Layered LaPt_2Si_2 with CaBe_2Ge_2 Structure. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 124713.	1.6	5
13	An unconventional hydrogen effect that suppresses thermal formation of the hcp phase in fcc steels. <i>Scientific Reports</i> , 2018, 8, 16136.	3.3	15
14	Transport Properties of EuNi_2Ge_2 under High Pressure. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 034707.	1.6	5
15	Neutron Diffraction Studies on Valence Ordering Compound YbPd . <i>Journal of the Physical Society of Japan</i> , 2018, 87, 114705.	1.6	8
16	40 T Soft X-ray Spectroscopies on Magnetic-Field-Induced Valence Transition in $\text{Eu}(\text{Rh}_{1-x}\text{Ir}_x)_2\text{Si}_2$ (x =) $\text{Tj ETQq0 0,0,rgBT /O4erlock 10}$	1.6	
17	Large Magnetoresistance and Volume Expansion Associated with Valence Transition in $\text{Eu}(\text{Rh}_{1-x}\text{Ir}_x)_2\text{Si}_2$. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 124703.	1.6	8
18	Large magnetoresistance of $\text{EuPtP}_{1-x}\text{As}_x$. <i>Physica Status Solidi (B): Basic Research</i> , 2015, 252, 2784-2788.	1.5	0

#	ARTICLE	IF	CITATIONS
19	Valence-lattice interaction on YbPd. Journal of Physics: Conference Series, 2015, 592, 012061.	0.4	1
20	Inelastic X-ray Scattering of Valence Fluctuating YbPd. , 2014, , .		1
21	Structural Phase Transition and Superconductivity in LaPt ₂ Si ₂ : ¹³⁹La- and ¹⁹⁵Pt-NMR Studies. , 2014, , .		3
22	Valence transition induced by pressure and magnetic field in antiferromagnet EuRh ₂ Si ₂ . Journal of the Korean Physical Society, 2013, 62, 1787-1791.	0.7	6
23	Phase diagram and Eu valence state in EuPt _{1-x} As _x . Journal of the Korean Physical Society, 2013, 62, 2019-2023.	0.7	1
24	Charge Density Wave and Superconductivity of RPt ₂ Si ₂ (R = Y, La, Nd, and Lu). Journal of the Physical Society of Japan, 2013, 82, 064715.	1.6	46
25	Origins of Phase Transitions in Valence Fluctuating YbPd. Journal of the Physical Society of Japan, 2013, 82, 084712.	1.6	17
26	What is Origin of the First Eu-Based Heavy Fermion?. JPSJ News and Comments, 2013, 10, 14.	0.1	5
27	Molecular beam epitaxy growth of Sr _{1-x} K _x Fe ₂ As ₂ and Ba _{1-x} K _x Fe ₂ As ₂ . Materials Research Society Symposia Proceedings, 2012, 1434, 17.	0.1	1
28	Soft-X-ray Magnetic Circular Dichroism under Pulsed High Magnetic Fields at Eu _{4,5} Edges of Mixed Valence Compound EuNi ₂ (Si _{0.18} Ge _{0.82}) ₂ . Journal of the Physical Society of Japan, 2012, 81, 103705.	1.6	10
29	Pressure-Induced Valence Transition in Antiferromagnet EuRh ₂ Si ₂ . Journal of the Physical Society of Japan, 2012, 81, 023709.	1.6	80
30	Oxidation state sensitivity of Eu L ³ emission and its applications to oxidation state selective EXAFS spectroscopy of EuPd ₂ Si ₂ . Journal of Analytical Atomic Spectrometry, 2011, 26, 1858.	3.0	15
31	Effects of Magnetic Field, Pressure and Dilution of Yb on Phase Transitions in Valence Fluctuating Compound YbPd. Journal of the Physical Society of Japan, 2011, 80, SA094.	1.6	1
32	Effect of Substitution of Ca ²⁺ for Eu ²⁺ on Pressure-Induced Superconductivity in EuFe ₂ As ₂ . Journal of the Physical Society of Japan, 2011, 80, SA117.	1.6	5
33	Detailed Investigation of Elastic Properties of YbPd Single Crystal. Journal of the Physical Society of Japan, 2011, 80, SA093.	1.6	2
34	Pressure-Induced Superconductivity in Eu _{0.5} Ca _{0.5} Fe ₂ As ₂ : Wide Zero-Resistivity Region Due to Suppression of Eu Magnetic Order and Chemical Pressure. Journal of the Physical Society of Japan, 2010, 79, 073704.	1.6	9
35	Zero-resistance superconducting phase in $\text{BaFe}^{3,2} \text{Mn}^{57}$ high pressure. Physical Review B. 2009, 79, .		
36	High-Magnetic-Field X-ray Absorption Spectroscopy of Field-Induced Valence Transition in EuNi ₂ (Si _{1-x} Gex) ₂ . Journal of the Physical Society of Japan, 2008, 77, 054713.	1.6	24

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37	Origin of Weak Ferromagnetism in $\text{Yb}_x\text{Fe}_4\text{Sb}_{12}$, Relationship between Weak Ferromagnetism and Filling Ratio x . Journal of the Physical Society of Japan, 2007, 76, 024708.	1.6	18
38	Electrical Resistivity of Heavy-Fermion System of Cubic YbCu_5 under High Pressures. Journal of the Physical Society of Japan, 2007, 76, 78-79.	1.6	5