

Ichiro Akai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7387761/publications.pdf>

Version: 2024-02-01

26
papers

172
citations

1163117

8
h-index

1125743

13
g-index

26
all docs

26
docs citations

26
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian Spectral Deconvolution of X-Ray Absorption Near Edge Structure Discriminating between High- and Low-Energy Domains. Journal of the Physical Society of Japan, 2022, 91, .	1.6	2
2	Bayesian spectroscopy of synthesized soft X-ray absorption spectra showing magnetic circular dichroism at the Ni-L ₃ , -L ₂ edges. Science and Technology of Advanced Materials Methods, 2021, 1, 75-86.	1.3	3
3	Phase prediction method for pattern formation in time-dependent Ginzburg-Landau dynamics for kinetic Ising model without <i>a priori</i> assumptions of domain patterns. Physical Review B, 2021, 103, .	3.2	1
4	Performance of Region-Based Markov Random Field with XY Spins. Journal of the Physical Society of Japan, 2021, 90, 044003.	1.6	1
5	Replica-Exchange Monte Carlo Method Incorporating Auto-tuning Algorithm Based on Acceptance Ratios for Effective Bayesian Spectroscopy. Journal of the Physical Society of Japan, 2021, 90, 104004.	1.6	3
6	Bayesian sparse modeling of extended x-ray absorption fine structure to determine interstitial oxygen positions in yttrium oxyhydride epitaxial thin film. AIP Advances, 2021, 11, .	1.3	2
7	Application of Sparse Modeling to Extended X-ray Absorption Fine Structure Spectra of Transition Metals. Journal of the Physical Society of Japan, 2020, 89, 074602.	1.6	2
8	Spectral Analysis of X-Ray Absorption Near Edge Structure in Fe_2O_3 Based on Bayesian Spectroscopy. Physica Status Solidi (B): Basic Research, 2020, 257, 2000107.	1.5	10
9	Spectral Decomposition of Components Weaker than Noise Intensity by Bayesian Spectroscopy. Journal of the Physical Society of Japan, 2020, 89, 104004.	1.6	9
10	Bayesian Spectroscopy with a Replica Exchange Monte Carlo Method on an Excitonic Absorption Spectrum of a Cu ₂ O Thin Crystal. Journal of Physics: Conference Series, 2019, 1220, 012009.	0.4	5
11	Bayesian Hamiltonian Selection in X-ray Photoelectron Spectroscopy. Journal of the Physical Society of Japan, 2019, 88, 034004.	1.6	19
12	Bayesian Spectroscopy of Admixed Photoluminescence Spectra with Exciton, Biexciton and Electron Hole Droplet States in a GaAs/AlAs Type-II Superlattice. Journal of Luminescence, 2018, 197, 18-22.	3.1	9
13	Sparse Modeling of an Extended X-Ray Absorption Fine-Structure Spectrum Based on a Single-Scattering Formalism. Journal of the Physical Society of Japan, 2018, 87, 074003.	1.6	11
14	Bayesian Spectroscopy on Polarization Dependent Photoluminescence Spectra of Doubly-Split Excitons in a Cu ₂ O Thin Crystal Sandwiched by MgO Substrates. Physica Status Solidi (B): Basic Research, 2018, 255, 1800136.	1.5	7
15	Bayesian spectroscopy in solid-state photo-physics. Journal of Physics: Conference Series, 2018, 1036, 012022.	0.4	18
16	Evaporation Rate and Substrate Temperature Dependence of Direct Exciton Transitions in Bi ₃ Thin Films Formed by Hot Wall Technique on Al ₂ O ₃ Substrates. Physica Status Solidi (B): Basic Research, 2018, 255, 1800092.	1.5	1
17	Photoluminescence spectra of CdTe multi-quantum wells sandwiched by ultrathin MnTe layers and their temperature dependence. Journal of Luminescence, 2016, 169, 665-668.	3.1	1
18	Coherent Phonons in a 1,3,5-Tri-Phenylbenzene Crystal. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
19	High density excitation effects in excitonic diffusion processes in Lz -gradient quantum well. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 2509-2512.	0.8	0
20	Rapid energy transfer process through π^* -conjugation network in meta-linked branching dendrimers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 155-158.	0.8	1
21	Energy transfer dynamics in wire-type dendrimers having oligophenylene peripheries. <i>Journal of Luminescence</i> , 2008, 128, 948-951.	3.1	2
22	Intrachain photoluminescence properties of conjugated polymers as revealed by long oligothiophenes and polythiophenes diluted in an inactive solid matrix. <i>Physical Review B</i> , 2006, 73, .	3.2	44
23	Dynamical Processes of High-Density Excitons in GaSe Crystals. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 2646-2655.	1.6	0
24	The Photocalorimetric Spectra in Layered Bi_2S_3 Single Crystals. <i>Journal of the Physical Society of Japan</i> , 1989, 58, 718-725.	1.6	8
25	Space-Resolved Spectra Due to Highly Mobile Excitation at the Stacking Fault in Bi_2S_3 Crystals. <i>Journal of the Physical Society of Japan</i> , 1989, 58, 969-977.	1.6	13
26	Inverse estimation of parameters for the magnetic domain via dynamics matching using visual-perceptive similarity. <i>Science and Technology of Advanced Materials Methods</i> , 0, , .	1.3	0