

Ichiro Akai

List of Publications by Year in descending order

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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	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
2	Bayesian Hamiltonian Selection in X-ray Photoelectron Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2019, 88, 034004.	1.6	19
3	Bayesian spectroscopy in solid-state photo-physics. <i>Journal of Physics: Conference Series</i> , 2018, 1036, 012022.	0.4	18
4	Space-Resolved Spectra Due to Highly Mobile Excitation at the Stacking Fault in BiI ₃ Crystals. <i>Journal of the Physical Society of Japan</i> , 1989, 58, 969-977.	1.6	13
5	Sparse Modeling of an Extended X-Ray Absorption Fine-Structure Spectrum Based on a Single-Scattering Formalism. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 074003.	1.6	11
6	Spectral Analysis of X-ray Absorption Near Edge Structure in Fe_2O_3 Based on Bayesian Spectroscopy. <i>Physica Status Solidi (B): Basic Research</i> , 2020, 257, 2000107.	1.5	10
7	Bayesian Spectroscopy of Admixed Photoluminescence Spectra with Exciton, Biexciton and Electron Hole Droplet States in a GaAs/AlAs Type-II Superlattice. <i>Journal of Luminescence</i> , 2018, 197, 18-22.	3.1	9
8	Spectral Decomposition of Components Weaker than Noise Intensity by Bayesian Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 104004.	1.6	9
9	The Photocalorimetric Spectra in Layered BiI ₃ Single Crystals. <i>Journal of the Physical Society of Japan</i> , 1989, 58, 718-725.	1.6	8
10	Bayesian Spectroscopy on Polarization Dependent Photoluminescence Spectra of Doubly-Split Excitons in a Cu ₂ O Thin Crystal Sandwiched by MgO Substrates. <i>Physica Status Solidi (B): Basic Research</i> , 2018, 255, 1800136.	1.5	7
11	Bayesian Spectroscopy with a Replica Exchange Monte Carlo Method on an Excitonic Absorption Spectrum of a Cu ₂ O Thin Crystal. <i>Journal of Physics: Conference Series</i> , 2019, 1220, 012009.	0.4	5
12	Bayesian spectroscopy of synthesized soft X-ray absorption spectra showing magnetic circular dichroism at the Ni-L ₃ , -L ₂ edges. <i>Science and Technology of Advanced Materials Methods</i> , 2021, 1, 75-86.	1.3	3
13	Replica-Exchange Monte Carlo Method Incorporating Auto-tuning Algorithm Based on Acceptance Ratios for Effective Bayesian Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 104004.	1.6	3
14	Energy transfer dynamics in wire-type dendrimers having oligophenylene peripheries. <i>Journal of Luminescence</i> , 2008, 128, 948-951.	3.1	2
15	Application of Sparse Modeling to Extended X-ray Absorption Fine Structure Spectra of Transition Metals. <i>Journal of the Physical Society of Japan</i> , 2020, 89, 074602.	1.6	2
16	Bayesian sparse modeling of extended x-ray absorption fine structure to determine interstitial oxygen positions in yttrium oxyhydride epitaxial thin film. <i>AIP Advances</i> , 2021, 11, .	1.3	2
17	Bayesian Spectral Deconvolution of X-Ray Absorption Near Edge Structure Discriminating between High- and Low-Energy Domains. <i>Journal of the Physical Society of Japan</i> , 2022, 91, .	1.6	2
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Evaporation Rate and Substrate Temperature Dependence of Direct Exciton Transitions in Bi ₂ Te 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
21	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
22	Performance of Region-Based Markov Random Field with XY Spins. Journal of the Physical Society of Japan, 2021, 90, 044003.	1.6	1
23	Dynamical Processes of High-Density Excitons in GaSe Crystals. Journal of the Physical Society of Japan, 2003, 72, 2646-2655.	1.6	0
24	High density excitation effects in excitonic diffusion processes in L _z gradient quantum well. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2509-2512.	0.8	0
25	Coherent Phonons in a 1,3,5-Tri-Phenylbenzene Crystal. , 2014, , .		0
26	Inverse estimation of parameters for the magnetic domain via dynamics matching using visual-perceptive similarity. Science and Technology of Advanced Materials Methods, 0, , .	1.3	0