Kazunori Iwamitsu

List of Publications by Year
in descending order

17 papers	113 citations	1307594 7 h-index	1372567 10 g-index
17 all docs	17 docs citations	17 times ranked	69 citing authors

#	Article	IF	Citations
1	Analysis of 2D X-ray Absorption Spectrum Data with Non-negative Matrix Factorization. The Brain & Neural Networks, 2022, 29, 3-14.	0.1	0
2	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
3	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
4	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
5	Non-negative matrix factorization for 2D-XAS images of lithium ion batteries. Journal of Physics Communications, 2021, 5, 115005.	1.2	4
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 α‐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 Cu2O Thin Crystal. Journal of Physics: Conference Series, 2019, 1220, 012009.	0.4	5
11	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
12	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
13	Bayesian Spectroscopy on Polarization Dependent Photoluminescence Spectra of Doubly‐Split Excitons in a Cu_2O Thin‐Crystal Sandwiched by MgO Substrates. Physica Status Solidi (B): Basic Research, 2018, 255, 1800136.	1.5	7
14	Bayesian spectroscopy in solid-state photo-physics. Journal of Physics: Conference Series, 2018, 1036, 012022.	0.4	18
15	Bayesian Analysis of an Excitonic Absorption Spectrum in a Cu_2O Thin Film Sandwiched by Paired MgO Plates. Journal of the Physical Society of Japan, 2016, 85, 094716.	1.6	13
16	Stress Effects on nP Yellow Excitons in Cu_2O Thin Films Recrystallized Epitaxially in a Sample Gap between Paired MgO Substrates. Journal of the Physical Society of Japan, 2014, 83, 124714.	1.6	10
17	Wavelength modulated excitonic spectra of Cu2O thin films sandwiched by MgO plates. European Physical Journal B, 2013, 86, 1.	1.5	5