Shin Kiyohara

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8565198/publications.pdf

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15	332	933447	1199594
papers	citations	10	12
		h-index	g-index

15	15	15	401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automatic determination of the spectrumâ€“structure relationship by tree structure-based unsupervised and supervised learning. Ultramicroscopy, 2022, 233, 113438.	1.9	1
2	Radial Distribution Function from X-ray Absorption near Edge Structure with an Artificial Neural Network. Journal of the Physical Society of Japan, 2020, 89, 103001.	1.6	11
3	Prediction of ELNES and Quantification of Structural Properties Using Artificial Neural Network. Microscopy and Microanalysis, 2020, 26, 2100-2101.	0.4	1
4	Learning excited states from ground states by using an artificial neural network. Npj Computational Materials, 2020, 6, .	8.7	15
5	Machine learning approaches for ELNES/XANES. Microscopy (Oxford, England), 2020, 69, 92-109.	1.5	22
6	Interface Informatics: Structure Determination and Structure-property Relationship. Materia Japan, 2020, 59, 134-138.	0.1	0
7	Quantitative Prediction of Properties of Organic Molecules from ELNES via Artificial Neural Network. Microscopy and Microanalysis, 2020, 26, 706-708.	0.4	0
8	Machine learning for structure determination and investigating the structure-property relationships of interfaces. JPhys Materials, 2019, 2, 034005.	4.2	17
9	Quantitative estimation of properties from core-loss spectrum via neural network. JPhys Materials, 2019, 2, 024003.	4.2	21
10	Bayesian optimization for efficient determination of metal oxide grain boundary structures. Physica B: Condensed Matter, 2018, 532, 24-28.	2.7	38
11	Data-driven approach for the prediction and interpretation of core-electron loss spectroscopy. Scientific Reports, 2018, 8, 13548.	3.3	42
12	Transfer Learning to Accelerate Interface Structure Searches. Journal of the Physical Society of Japan, 2017, 86, 123601.	1.6	25
13	Prediction of interface structures and energies via virtual screening. Science Advances, 2016, 2, e1600746.	10.3	73
14	Acceleration of stable interface structure searching using a kriging approach. Japanese Journal of Applied Physics, 2016, 55, 045502.	1.5	65
15	Quantification of the Properties of Organic Molecules Using Coreâ€Loss Spectra as Neural Network Descriptors. Advanced Intelligent Systems, 0, , 2100103.	6.1	1