

Masatoshi Jo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1079338/publications.pdf>

Version: 2024-02-01

16
papers

301
citations

933447

10
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	An almost knowledge-free approach to XPS intensity evaluation where use of atomic photoemission cross sections suffices for yielding material-specific inelastic background. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2017, 215, 36-56.	1.7	0
2	Estimation of IMFP except for a constant factor using only XPS background-optimized peak intensities and cross sections. <i>Journal of Surface Analysis (Online)</i> , 2014, 20, 166-170.	0.1	1
3	XPS inelastic background optimization: algorithm and results. <i>Surface and Interface Analysis</i> , 2003, 35, 729-737.	1.8	2
4	Optimization of XPS Inelastic Background using Tougaard's Formula. <i>Journal of Surface Analysis (Online)</i> , 2002, 9, 295-301.	0.1	1
5	Restoration of Loss Function in Very Difficult Case. <i>Journal of Surface Analysis (Online)</i> , 2002, 9, 302-305.	0.1	1
6	Relation between the shape of measured loss function and the resolution of the XPS spectrum. <i>Applied Surface Science</i> , 1999, 144-145, 49-53.	6.1	3
7	Auger electron peaks of Cu in XPS. <i>Applied Surface Science</i> , 1996, 100-101, 11-14.	6.1	12
8	Direct, simultaneous determination of XPS background and inelastic differential cross section using Tougaard's algorithm. <i>Surface Science</i> , 1994, 320, 191-200.	1.9	21
9	Adsorbed state and vibrational excitation of N ₂ on Pd(110). <i>Surface Science</i> , 1987, 180, 421-432.	1.9	32
10	Oxygen adsorption on Pd(110) at 300 K-low-energy electron diffraction and electron energy loss spectroscopy studies. <i>Chemical Physics Letters</i> , 1986, 131, 106-111.	2.6	46
11	Adsorbed states of oxygen on Pd(1 1 0) – Vibrational electron energy loss spectroscopy and low-energy electron diffraction studies. <i>Solid State Communications</i> , 1986, 60, 257-260.	1.9	43
12	Electron energy loss spectra of a Pd(110) clean surface. <i>Solid State Communications</i> , 1986, 58, 75-77.	1.9	18
13	Adsorbed states of hydrogen on Pd(1 1 0): Vibrational electron energy loss spectroscopy and low-energy electron diffraction studies. <i>Solid State Communications</i> , 1985, 55, 639-642.	1.9	37
14	Interactions of H ₂ with the Ni(110) surface: EELS and LEED studies. <i>Surface Science</i> , 1985, 154, 417-434.	1.9	48
15	Adsorbed states of hydrogen on the Ni(110) surface. <i>Surface Science</i> , 1985, 151, L179-L184.	1.9	16
16	Hydrogen chemisorption on Ni(110) by high-resolution electron energy loss spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1983, 29, 273-278.	1.7	20