

Yoshihiro Momose

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5682561/publications.pdf>

Version: 2024-02-01

25
papers

180
citations

1163117

8
h-index

1199594

12
g-index

25
all docs

25
docs citations

25
times ranked

97
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal Analysis of Photoelectron Emission (PE) and X-ray Photoelectron Spectroscopy (XPS) Data for Iron Surfaces Scratched in Air, Water, and Liquid Organics. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2111.	2.5	17
2	Temperature-programmed photoelectron emission technique for metal surface analysis. <i>Surface and Interface Analysis</i> , 2000, 30, 364-367.	1.8	16
3	Exoelectron emission from metals subjected to friction and wear, and its relationship to the adsorption of oxygen, water vapor, and some other gases. <i>The Journal of Physical Chemistry</i> , 1978, 82, 1509-1515.	2.9	15
4	Photoelectron emission and XPS studies of real iron surfaces subjected to scratching in air, water, and organic liquids. <i>Surface and Interface Analysis</i> , 2016, 48, 202-211.	1.8	14
5	Observation of Real Metal Surfaces by Tribostimulated Electron Emission and Its Relationship to the Analyses by XPS and Photoemission. <i>Tribology Letters</i> , 2008, 29, 75-84.	2.6	11
6	Surface Analysis of Real Metals by Temperature Programmed Photoelectron Emission Technique. Relationship between TPPE characteristics and Surface Pretreatment Methods.. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2002, 53, 675-682.	0.2	10
7	Influence of temperature and photon energy on quantum yield of photoemission from real iron surfaces. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 117, 1525-1534.	2.3	9
8	Transfer of electrons on scratched iron surfaces: Photoelectron emission and X-ray photoelectron spectroscopy studies. <i>Friction</i> , 2018, 6, 98-115.	6.4	9
9	Exoelectron Emission from Metals in the Process of Cutting and Friction. <i>Japanese Journal of Applied Physics</i> , 1985, 24, 190.	1.5	8
10	Surface analysis of metals using tribostimulated electron emission. <i>Surface and Interface Analysis</i> , 2004, 36, 1241-1245.	1.8	8
11	Triboelectron emission from metal surfaces in sliding contact with polytetrafluoroethylene: Relevance to work function and surface potential. <i>Tribology International</i> , 2012, 48, 232-236.	5.9	7
12	Photoemission from real iron surfaces and its relationship to light penetration of the overlayer. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 118, 637-647.	2.3	7
13	New method to determine the work function using photoelectron emission. <i>E-Journal of Surface Science and Nanotechnology</i> , 2005, 3, 179-183.	0.4	7
14	Observation of Real Metal Surfaces by Temperature Programmed Photoelectron Emission Technique. Temperature Dependence of the Amount of Emitted Electrons and Its Relationship to XPS Analysis.. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 2000, 51, 836-843.	0.2	6
15	Lithiation Behaviour of Vanadium Molybdenum Oxides. <i>Electrochemistry</i> , 2000, 68, 474-477.	1.4	6
16	Characteristics of thermo- and photo-stimulated electron emission from silicon wafers. <i>Surface and Interface Analysis</i> , 2008, 40, 620-622.	1.8	5
17	Observation of triboelectron emission from real copper surfaces in sliding contact with polytetrafluoroethylene and polyimide. <i>Tribology International</i> , 2012, 47, 212-220.	5.9	5
18	Surface Electronic States and Electrostatic Attractive Forces between Metals or Semiconductor and Tribocharged Polymers. <i>Materials Research Society Symposia Proceedings</i> , 2005, 872, 1.	0.1	4

#	ARTICLE	IF	CITATIONS
19	Electron Transfer through a Natural Oxide Layer on Real Metal Surfaces Occurring during Sliding with Polytetrafluoroethylene: Dependence on Heat of Formation of Metal Oxides. <i>Coatings</i> , 2021, 11, 109.	2.6	4
20	Photoelectron Emission from Copper Freshly Abraded in Organic Liquids.. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 1996, 47, 1075-1081.	0.2	3
21	Photoelectron Emission Technique for the Surface Analysis of Silicon Wafer Covered with Oxide Film. <i>Materials Research Society Symposia Proceedings</i> , 2005, 864, 9341.	0.1	3
22	Photoelectron emission characteristics of iron surfaces scratched in different environments: Dependence on photon energy irradiation methods. <i>Surface and Interface Analysis</i> , 2018, 50, 1319-1335.	1.8	3
23	Reaction of argon plasma-treated teflon PFA with aminopropyltriethoxysilane in itsn-hexane solution. <i>Surface and Interface Analysis</i> , 1999, 27, 1073-1083.	1.8	2
24	Changes in the Chemical Structure, Charging Behavior, and Photoelectric Emission Characteristics of Polyimide Films due to Rubbing.. <i>Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan</i> , 1993, 44, 1094-1098.	0.2	1
25	Analytical study of thermally assisted photoelectron emission from real iron surfaces: dependence on temperature and wavelength. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	0