

# 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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Characteristics of thermo- and photo-stimulated electron emission from silicon wafers. <i>Surface and Interface Analysis</i> , 2008, 40, 620-622.	1.8	5
13	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
14	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
15	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
16	Surface analysis of metals using tribostimulated electron emission. <i>Surface and Interface Analysis</i> , 2004, 36, 1241-1245.	1.8	8
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Temperature-programmed photoelectron emission technique for metal surface analysis. Surface and Interface Analysis, 2000, 30, 364-367.	1.8	16
20	Lithiation Behaviour of Vanadium Molybdenum Oxides. Electrochemistry, 2000, 68, 474-477.	1.4	6
21	Reaction of argon plasma-treated teflon PFA with aminopropyltriethoxysilane in itsn-hexane solution. Surface and Interface Analysis, 1999, 27, 1073-1083.	1.8	2
22	Photoelectron Emission from Copper Freshly Abraded in Organic Liquids.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1996, 47, 1075-1081.	0.2	3
23	Changes in the Chemical Structure, Charging Behavior, and Photoelectric Emission Characteristics of Polyimide Films due to Rubbing.. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 1993, 44, 1094-1098.	0.2	1
24	Exoelectron Emission from Metals in the Process of Cutting and Friction. Japanese Journal of Applied Physics, 1985, 24, 190.	1.5	8
25	Exoelectron emission from metals subjected to friction and wear, and its relationship to the adsorption of oxygen, water vapor, and some other gases. The Journal of Physical Chemistry, 1978, 82, 1509-1515.	2.9	15