Zheng Wei

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6081070/publications.pdf

Version: 2024-02-01

38 papers	708 citations	840776 11 h-index	526287 27 g-index
38 all docs	38 docs citations	38 times ranked	1124 citing authors

#	Article	IF	Citations
1	Electron and positron pair emission by low energy positron impact on surfaces. Progress in Surface Science, 2021, 96, 100629.	8.3	0
2	Double electron emission from surfaces via low-energy positrons. Physical Review B, 2019, 100, .	3.2	5
3	A case study for the formation of stanene on a metal surface. Communications Physics, 2019, 2, .	5.3	30
4	Coverage-driven phase transition of copper silicide monolayer on Si (111). Ultramicroscopy, 2019, 200, 39-42.	1.9	1
5	Applications of Aberration-Corrected Low-Energy Electron Microscopy for Metal Surfaces. Minerals, Metals and Materials Series, 2018, , 201-208.	0.4	0
6	Structure and electronic properties of the (3Ã—3)R30â˜SnAu2/Au(111) surface alloy. Physical Review B, 2018, 98, .	3.2	14
7	Room temperature in-plane ferroelectricity in van der Waals In ₂ Se ₃. Science Advances, 2018, 4, eaar7720.	10.3	224
8	PTCDA growth on Ge(111)-$c(2imes 8)$ surfaces: a scanning tunneling microscopy study. Nanotechnology, 2017, 28, 095703.	2.6	6
9	Design and commissioning of an aberration-corrected ultrafast spin-polarized low energy electron microscope with multiple electron sources. Ultramicroscopy, 2017, 174, 89-96.	1.9	10
10	Composition-Modulated Two-Dimensional Semiconductor Lateral Heterostructures via Layer-Selected Atomic Substitution. ACS Nano, 2017, 11, 961-967.	14.6	99
11	Space charge effects and aberrations on electron pulse compression in a spherical electrostatic capacitor. Ultramicroscopy, 2017, 183, 30-37.	1.9	0
12	Epitaxial growth of thermally stable cobalt films on Au(111). New Journal of Physics, 2016, 18, 103054.	2.9	7
13	Scanning Tunneling Microscopy Study of Ordered C₆₀ Submonolayer Films on Co/Au(111). Journal of Physical Chemistry C, 2016, 120, 7568-7574.	3.1	11
14	Electron coincidence studies of sulfur-overlayers on Cu(001) and Ni(001) surfaces. Journal of Electron Spectroscopy and Related Phenomena, 2016, 211, 32-40.	1.7	6
15	Electron pair emission from surfaces: Intensity relations. Physical Review B, 2016, 93, .	3.2	11
16	Adsorption and ordering of PTCDA on various reconstruction surfaces of In/Si(1 1 1). Applied Surface Science, 2016, 372, 87-92.	6.1	6
17	Core-resonant double photoemission from palladium films. Journal of Physics Condensed Matter, 2016, 28, 015601.	1.8	6
18	Positron-electron pairs emitted from metallic and oxide surfaces. Physical Review B, 2015, 92, .	3.2	7

#	Article	IF	Citations
19	The LVV Auger line shape of sulfur on copper studied by Auger photoelectron coincidence spectroscopy. Journal of Physics Condensed Matter, 2015, 27, 085003.	1.8	4
20	Dynamic Screening Probed by Core-Resonant Double Photoemission from Surfaces. Physical Review Letters, 2014, 113, 267603.	7.8	18
21	Energy Relations of Positron-Electron Pairs Emitted from Surfaces. Physical Review Letters, 2014, 113, 107601.	7.8	10
22	Electron pair emission from surfaces: Diffraction effects. Physical Review B, 2012, 85, .	3.2	13
23	Surface state and resonance effects in electron-pair emission from Cu(111). Physical Review B, 2011, 84, .	3.2	31
24	Guided self-assembly of unidirectionally oriented quasi-one-dimensional 3,4,9,10â€“perylene-tetracarboxylic-dianhydride chains using surface nanowires. Applied Physics Letters, 2011, 98, 071912.	3.3	6
25	Direct and core-resonant double photoemission from Cu(001). Journal of Physics Condensed Matter, 2010, 22, 092201.	1.8	21
26	Spatially resolved scanning probe electron energy spectroscopy for Ag islands on a graphite surface. Review of Scientific Instruments, 2009, 80, 103705.	1.3	11
27	Fabrication and scanning tunneling microscopy studies of the Si(111)-(âˆš31Ã—âˆš31)â€“In surface. Applied Surface Science, 2009, 256, 1152-1155.	6.1	3
28	Magnetic transition and Meissner shielding in ferromagnetic high-Tc superconductor RuSr2Gd1.4Ce0.6Cu2O10- Î´. European Physical Journal B, 2009, 69, 161-165.	1.5	1
29	One-Dimensional Growth of PTCDA Molecular Rows on Si(111)-(2âˆš3 Ã— 2âˆš3)R30Â°-Sn Surfaces. Journal of Physical Chemistry C, 2009, 113, 14935-14940.	3.1	17
30	Angle and energy dispersive multichannel electron energy spectrometer for surface analysis. Journal of Electron Spectroscopy and Related Phenomena, 2008, 165, 15-19.	1.7	11
31	Grain boundary effects in the granular high-Tc superconductor RuSr2Gd1.4Ce0.6Cu2O10+Î´. Journal of Applied Physics, 2008, 103, 123904.	2.5	3
32	Scanning Tunneling Microscopy Studies of the in Desorption Process on the In/Si(111) Surface. Journal of the Korean Physical Society, 2008, 52, 536-540.	0.7	1
33	Positioning Single Sn Adatoms on the Ge(111)-c(2 X 8) Surface by Scanning Tunneling Microscopy. Journal of the Korean Physical Society, 2007, 51, 1449.	0.7	0
34	Investigation of electron momentum distributions for outer valence orbitals of trichlorofluoromethane by (e, 2e) electron momentum spectroscopy. Journal of Electron Spectroscopy and Related Phenomena, 2006, 153, 58-64.	1.7	3
35	Electron momentum spectroscopy of CF2Cl2: Experimental and theoretical momentum profiles for outer valence orbitals. Journal of Chemical Physics, 2004, 120, 7933-7938.	3.0	17
36	An electron momentum spectroscopy study of the outer valence orbitals of chlorodifluoromethane. Chemical Physics, 2004, 299, 17-24.	1.9	3

#	Article	IF	Citations
37	Single short voltage pulse induced superstructure on the graphite surface. Applied Surface Science, 2004, 228, 158-163.	6.1	2
38	The Effect of Cerium (III) on the Chlorophyll Formation in Spinach. Biological Trace Element Research, 2002, 89, 263-276.	3.5	90