

Zheng Wei

List of Publications by Year in descending order

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1124
citing authors

#	ARTICLE	IF	CITATIONS
1	Room temperature in-plane ferroelectricity in van der Waals In ₂ Se ₃ . Science Advances, 2018, 4, eaar7720.	10.3	224
2	Composition-Modulated Two-Dimensional Semiconductor Lateral Heterostructures via Layer-Selected Atomic Substitution. ACS Nano, 2017, 11, 961-967.	14.6	99
3	The Effect of Cerium (III) on the Chlorophyll Formation in Spinach. Biological Trace Element Research, 2002, 89, 263-276.	3.5	90
4	Surface state and resonance effects in electron-pair emission from Cu(111). Physical Review B, 2011, 84, .	3.2	31
5	A case study for the formation of stanene on a metal surface. Communications Physics, 2019, 2, .	5.3	30
6	Direct and core-resonant double photoemission from Cu(001). Journal of Physics Condensed Matter, 2010, 22, 092201.	1.8	21
7	Dynamic Screening Probed by Core-Resonant Double Photoemission from Surfaces. Physical Review Letters, 2014, 113, 267603.	7.8	18
8	Electron momentum spectroscopy of CF ₂ Cl ₂ : Experimental and theoretical momentum profiles for outer valence orbitals. Journal of Chemical Physics, 2004, 120, 7933-7938.	3.0	17
9	One-Dimensional Growth of PTCDA Molecular Rows on Si(111)-(2×3)-R30°-Sn Surfaces. Journal of Physical Chemistry C, 2009, 113, 14935-14940.	3.1	17
10	Structure and electronic properties of the (3×3)-R30°-SnAu ₂ /Au(111) surface alloy. Physical Review B, 2018, 98, .	3.2	14
11	Electron pair emission from surfaces: Diffraction effects. Physical Review B, 2012, 85, .	3.2	13
12	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
13	Spatially resolved scanning probe electron energy spectroscopy for Ag islands on a graphite surface. Review of Scientific Instruments, 2009, 80, 103705.	1.3	11
14	Scanning Tunneling Microscopy Study of Ordered C ₆₀ Submonolayer Films on Co/Au(111). Journal of Physical Chemistry C, 2016, 120, 7568-7574.	3.1	11
15	Electron pair emission from surfaces: Intensity relations. Physical Review B, 2016, 93, .	3.2	11
16	Energy Relations of Positron-Electron Pairs Emitted from Surfaces. Physical Review Letters, 2014, 113, 107601.	7.8	10
17	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
18	Positron-electron pairs emitted from metallic and oxide surfaces. Physical Review B, 2015, 92, .	3.2	7

#	ARTICLE	IF	CITATIONS
19	Epitaxial growth of thermally stable cobalt films on Au(111). <i>New Journal of Physics</i> , 2016, 18, 103054.	2.9	7
20	Guided self-assembly of unidirectionally oriented quasi-one-dimensional 3,4,9,10-tetracarboxylic-dianhydride chains using surface nanowires. <i>Applied Physics Letters</i> , 2011, 98, 071912.	3.3	6
21	Electron coincidence studies of sulfur-overlayers on Cu(001) and Ni(001) surfaces. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2016, 211, 32-40.	1.7	6
22	Adsorption and ordering of PTCDA on various reconstruction surfaces of In/Si(1 1 1). <i>Applied Surface Science</i> , 2016, 372, 87-92.	6.1	6
23	Core-resonant double photoemission from palladium films. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 015601.	1.8	6
24	PTCDA growth on Ge(111)- $\sqrt{8}\times\sqrt{8}$ surfaces: a scanning tunneling microscopy study. <i>Nanotechnology</i> , 2017, 28, 095703.	2.6	6
25	Double electron emission from surfaces via low-energy positrons. <i>Physical Review B</i> , 2019, 100, .	3.2	5
26	The LVV Auger line shape of sulfur on copper studied by Auger photoelectron coincidence spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2015, 27, 085003.	1.8	4
27	An electron momentum spectroscopy study of the outer valence orbitals of chlorodifluoromethane. <i>Chemical Physics</i> , 2004, 299, 17-24.	1.9	3
28	Investigation of electron momentum distributions for outer valence orbitals of trichlorofluoromethane by $(e, 2e)$ electron momentum spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2006, 153, 58-64.	1.7	3
29	Grain boundary effects in the granular high-Tc superconductor RuSr ₂ Gd _{1.4} Ce _{0.6} Cu ₂ O ₁₀ + δ . <i>Journal of Applied Physics</i> , 2008, 103, 123904.	2.5	3
30	Fabrication and scanning tunneling microscopy studies of the Si(111)- $\sqrt{3}\times\sqrt{3}$ -In surface. <i>Applied Surface Science</i> , 2009, 256, 1152-1155.	6.1	3
31	Single short voltage pulse induced superstructure on the graphite surface. <i>Applied Surface Science</i> , 2004, 228, 158-163.	6.1	2
32	Magnetic transition and Meissner shielding in ferromagnetic high-Tc superconductor RuSr ₂ Gd _{1.4} Ce _{0.6} Cu ₂ O ₁₀ - δ . <i>European Physical Journal B</i> , 2009, 69, 161-165.	1.5	1
33	Coverage-driven phase transition of copper silicide monolayer on Si (111). <i>Ultramicroscopy</i> , 2019, 200, 39-42.	1.9	1
34	Scanning Tunneling Microscopy Studies of the in Desorption Process on the In/Si(111) Surface. <i>Journal of the Korean Physical Society</i> , 2008, 52, 536-540.	0.7	1
35	Space charge effects and aberrations on electron pulse compression in a spherical electrostatic capacitor. <i>Ultramicroscopy</i> , 2017, 183, 30-37.	1.9	0
36	Applications of Aberration-Corrected Low-Energy Electron Microscopy for Metal Surfaces. <i>Minerals, Metals and Materials Series</i> , 2018, , 201-208.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Electron and positron pair emission by low energy positron impact on surfaces. Progress in Surface Science, 2021, 96, 100629.	8.3	0
38	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