

Leszek Jurczyszyn

List of Publications by Year in descending order

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32
papers

203
citations

1163117

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33
all docs

33
docs citations

33
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Defects on the $\langle \text{Si} \rangle$ surface. Anchoring sites of the surface polymerization reaction of In atoms. Physical Review B, 2008, 77, .	3.2	40
2	Electric-field-controlled phase transition in a 2D molecular layer. Scientific Reports, 2017, 7, 7357.	3.3	26
3	Mechanism of a molecular photo-switch adsorbed on Si(100). Physical Chemistry Chemical Physics, 2015, 17, 5366-5371.	2.8	15
4	The resonance image states at the (111) surface of fcc metals. Surface Science, 1991, 247, 158-167.	1.9	14
5	The resonance image states at Cu(111), Au(111), and Al(111) surfaces. Surface Science, 1991, 259, 65-69.	1.9	12
6	Nature of monovacancies on quasi-hexagonal structure of reconstructed Au(100) surface. Applied Surface Science, 2017, 407, 345-352.	6.1	12
7	Barrier-resonance states in an external electric field. Surface Science, 1992, 266, 141-144.	1.9	9
8	The influence of thermal fluctuations on electronic and structural properties of Ge(001) surface. Surface Science, 2007, 601, 1981-1987.	1.9	8
9	Suppressed and enhanced spin polarization in the 1ML-Pb/Ge(1 1 1)- $\sqrt{3}\times\sqrt{3}$ system. Applied Surface Science, 2019, 466, 224-229.	6.1	7
10	Surface electronic structure of zinc-blende-type GaN(111). European Physical Journal D, 1997, 47, 473-479.	0.4	6
11	Coexistence of nanowire-like hex and (1 $\sqrt{3}\times\sqrt{3}$) phases in the topmost layer of Au(100) surface. Nanotechnology, 2019, 30, 045704.	2.6	6
12	High energy resonance electronic states inside a W-Pd(111) tunnel junction. Surface Science, 1992, 276, 360-368.	1.9	5
13	Theoretical study of the structural properties of the Si(001)-c(4 $\sqrt{3}\times\sqrt{3}$) surface and the formation of its STM images. Surface Science, 2004, 566-568, 29-34.	1.9	5
14	Atomic structure and electronic properties of Ta(1 $\times\sqrt{3}\times\sqrt{3}$) and W(1 $\times\sqrt{3}\times\sqrt{3}$) surfaces. Applied Surface Science, 2007, 253, 3803-3813.	6.1	5
15	Computations of STM images of SiC()-c(2 $\sqrt{3}\times\sqrt{3}$) surface. Surface Science, 2002, 507-510, 463-467.	1.9	4
16	Missing dimer defect on $\sqrt{2}\times\sqrt{2}$ -SiC(001)-c(2 $\sqrt{3}\times\sqrt{3}$) surface—numerical analysis of the structure and STM profiles. Applied Surface Science, 2004, 238, 36-41.	6.1	4
17	The role of interorbital interference in the formation of STS spectra. Applied Surface Science, 2005, 242, 70-81.	6.1	4
18	Water-Induced, Spin-Dependent Defects on the Silicon (001) Surface. Journal of Physical Chemistry C, 2015, 119, 11612-11618.	3.1	4

#	ARTICLE	IF	CITATIONS
19	Self-ordering of chemisorbed PTCDA molecules on Ge(001) driven by repulsive forces. Physical Chemistry Chemical Physics, 2019, 21, 9504-9511.	2.8	4
20	Ge substitutional defects and the $\sqrt{3} \times \sqrt{3}$ \rightarrow $\sqrt{3} \times \sqrt{3}$ transition in α -Sn/Ge(111). Journal of Physics Condensed Matter, 2002, 14, 7147-7154.	1.8	3
21	Simulation of STM images of $p(3\sqrt{3} \times 2)/\text{Na}/\text{Ge}(001)$ surface. Surface Science, 2006, 600, 1659-1663.	1.9	2
22	Theoretical study of the structural properties of SiC(001)-Si-terminated surface and the formation of its STM images. European Physical Journal D, 2006, 56, 85-92.	0.4	2
23	Local electronic structure of doping defects on $\text{Ti}/\text{Si}(111)1 \times 1$. Scientific Reports, 2019, 9, 779.	3.3	2
24	Metallization of Ge(001)- $p(2\sqrt{3} \times 1)$ surface as result of thermal fluctuations. Surface Science, 2006, 600, 1654-1658.	1.9	1
25	Ordered surface-alloys formation in the Hf/W(100) adsorption system. Journal of Alloys and Compounds, 2013, 554, 246-253.	5.5	1
26	Ordered surface-alloys formation in the Zr/W(100) adsorption system. Journal of Alloys and Compounds, 2014, 612, 195-203.	5.5	1
27	Structural and electronic properties of Pt modified Au(100) surface. Scientific Reports, 2022, 12, 3859.	3.3	1
28	Surface states in the presence of adsorbed atoms within the approximation of small radius potentials. Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics, 1983, 122, 35-42.	0.9	0
29	The resonance image states at the (111) surface of fcc metals. Surface Science Letters, 1990, 247, A206.	0.1	0
30	The field-induced states at the surfaces of the nearly-free-electron metals. European Physical Journal D, 1993, 43, 925-932.	0.4	0
31	Computations of STM images of zinc-blende GaN(001) surface. Vacuum, 2001, 63, 75-81.	3.5	0
32	A theoretical study of structural and electronic properties of a missing dimer defect on Si- and C-terminated SiC(001). Applied Surface Science, 2008, 254, 4357-4364.	6.1	0