Aleksander R Krupski

List of Publications by Year
in descending order

37 papers	545 citations	687363 13 h-index	677142 22 g-index
38 all docs	38 docs citations	38 times ranked	662 citing authors

#	Article	IF	Citations
1	Determination of the coincidence lattice of an ultra thin Al2O3 film on Ni3Al(111). Surface Science, 2005, 576, L57-L64.	1.9	86
2	Adsorption of Î±,Î²-Unsaturated Aldehydes on Pt(111) and Ptâ˜Sn Alloys: II. Crotonaldehyde. Journal of Physical Chemistry C, 2009, 113, 13947-13967.	3.1	48
3	Structure Determination of Au on Pt(111) Surface: LEED, STM and DFT Study. Materials, 2015, 8, 2935-2952.	2.9	45
4	Nucleation of ordered Fe islands on Al2O3/Ni3Al(111). Surface Science, 2006, 600, 1804-1808.	1.9	40
5	Adsorption and Vibrations of Î±,Î²-Unsaturated Aldehydes on Pure Pt and Ptâ˜Sn Alloy (111) Surfaces I. Prenal. Journal of Physical Chemistry C, 2008, 112, 3701-3718.	3.1	36
6	Determination of the crotonaldehyde structures on Pt and PtSn surface alloys from a combined experimental and theoretical study. Chemical Physics Letters, 2006, 433, 188-192.	2.6	27
7	Scanning tunneling microscopy and spectroscopy investigations of copper phthalocyanine adsorbed on Al2O3/Ni3Al(111). Applied Surface Science, 2008, 254, 4251-4257.	6.1	25
8	Studies of early stages of Mn/GaN(0001) interface formation using surface-sensitive techniques. Vacuum, 2018, 153, 12-16.	3.5	17
9	Atomic structure and electronic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Ni</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">Al</mml:mi><mml:mrow><mml:mo>(</mml:mo><mml:mn>111</mml:mn><mml:mo>)</mml:mo></mml:mrow></mml:mrow></mml:math> (011) surfaces. Physical Review B, 2007, 76, .	3.2	16
10	Pd(110) surface oxide structures investigated by STM and DFT. Surface Science, 2008, 602, 3706-3713.	1.9	14
11	Redox Activity and Structural Transition of Heptyl Viologen Adlayers on Cu(100). ChemPhysChem, 2010, 11, 1542-1549.	2.1	14
12	PROPERTIES OF ULTRATHIN Sb LAYERS ON THE Ni(111) FACE. Surface Review and Letters, 2003, 10, 65-72.	1.1	13
13	Pb on Mo(110) studied by scanning tunneling microscopy. Physical Review B, 2009, 80, .	3.2	13
14	Directional elastic peak electron spectroscopy: theoretical description and review of applications. Progress in Surface Science, 2003, 74, 109-122.	8.3	12
15	LEED INVESTIGATION OF THE Pb AND Sb ULTRATHIN LAYERS DEPOSITED ON THE Ni(111) FACE AT T=150â€“900 K. Surface Review and Letters, 2003, 10, 843-848.	1.1	11
16	Investigations of Pb/Ni(111) using incident beam electron diffraction. Surface Science, 2005, 575, 147-153.	1.9	10
17	Atomic and electronic properties of the Pb/Mo(110) adsorption system. Physical Review B, 2009, 80, .	3.2	10
18	Characterization of bimetallic Auâ€“Pt(111) surfaces. Thin Solid Films, 2010, 518, 3650-3657.	1.8	10

#	Article	IF	Citations
19	Mechanistic and spectroscopic identification of initial reaction intermediates for prenal decomposition on a platinum model catalyst. Physical Chemistry Chemical Physics, 2011, 13, 6000.	2.8	9
20	Growth of Sn on Mo(110) studied by AES and STM. Surface Science, 2011, 605, 1291-1297.	1.9	8
21	Optimisation of anatase TiO2 thin film growth on LaAlO3(0 0 1) using pulsed laser deposition. Applied Surface Science, 2016, 388, 684-690.	6.1	8
22	Composition of the first two atomic layers in Au0.2 Cu0.8 and Au0.8Cu0.2 alloys. Vacuum, 2001, 60, 307-313.	3.5	7
23	Directional Auger electron spectroscopy and single-scattering cluster calculations study of the Ni(111)-Pb system. Physical Review B, 2005, 72, .	3.2	7
24	Optimal growth and thermal stability of crystalline Be0.25Zn0.75O alloy films on Al2O3(0001). Applied Physics Letters, 2014, 104, .	3.3	7
25	Pinning effect on the band gap modulation of crystalline BexZn1â^'xO alloy films grown on Al2O3(0001). CrystEngComm, 2014, 16, 2136-2143.	2.6	6
26	Luminescence study of LiMgBO₃:Dy for Î³â€•ray and carbon ion beam exposure. Luminescence, 2019, 34, 933-944.	2.9	6
27	Debye temperature of the Pb layers on Ni(111). Physica Status Solidi (B): Basic Research, 2006, 243, 467-472.	1.5	5
28	Scanning tunnelling microscopy study of Au growth on Mo(110). Surface Science, 2011, 605, 424-428.	1.9	5
29	Growth morphology of thin films on metallic and oxide surfaces. Journal of Physics Condensed Matter, 2014, 26, 053001.	1.8	5
30	Growth morphology of Pb films on Ni3Al(111). Vacuum, 2014, 101, 71-78.	3.5	5
31	Temperature- and coverage-dependent evolution of the Au/Pd(1 1 0) surface structure. Surface Science, 2006, 600, 2614-2622.	1.9	4
32	Atomic structure and electronic properties of Ni3Al(001) surface. Surface Science, 2008, 602, 2994-2999.	1.9	4
33	Ag on Mo(110) studied by AES and STM. Surface Science, 2010, 604, 1179-1184.	1.9	3
34	Properties of ultrathin Pb layers on the Ni3Al(111) face. Applied Surface Science, 2013, 273, 554-561.	6.1	3
35	Recrystallization of Highly-Mismatched BexZn1â€“xO Alloys: Formation of a Degenerate Interface. ACS Applied Materials & Interfaces, 2014, 6, 18758-18768.	8.0	3
36	Growth Morphology of Ultrathin Pb Layers on Ni(001). Acta Physica Polonica A, 2014, 125, 1159-1162.	0.5	2

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37	Isothermal desorption of Pb layers from Ni (111) faces. Annales De Chimie: Science Des Materiaux, 2007, 32, 395-400.	0.4	1