# Aleksander R Krupski

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Luminescence study of LiMgBO<sub>3</sub>:Dy for Î³â€•ray and carbon ion beam exposure. Luminescence, 2019, 34, 933-944. | 2.9 | 6 |
| 2 | Studies of early stages of Mn/GaN(0001) interface formation using surface-sensitive techniques. Vacuum, 2018, 153, 12-16. | 3.5 | 17 |
| 3 | 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 |
| 4 | Structure Determination of Au on Pt(111) Surface: LEED, STM and DFT Study. Materials, 2015, 8, 2935-2952. | 2.9 | 45 |
| 5 | Growth Morphology of Ultrathin Pb Layers on Ni(001). Acta Physica Polonica A, 2014, 125, 1159-1162. | 0.5 | 2 |
| 6 | Optimal growth and thermal stability of crystalline Be0.25Zn0.75O alloy films on Al2O3(0001). Applied Physics Letters, 2014, 104, . | 3.3 | 7 |
| 7 | Recrystallization of Highly-Mismatched BexZn1â€“xO Alloys: Formation of a Degenerate Interface. ACS Applied Materials & Interfaces, 2014, 6, 18758-18768. | 8.0 | 3 |
| 8 | 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 |
| 9 | Growth morphology of thin films on metallic and oxide surfaces. Journal of Physics Condensed Matter, 2014, 26, 053001. | 1.8 | 5 |
| 10 | Growth morphology of Pb films on Ni3Al(111). Vacuum, 2014, 101, 71-78. | 3.5 | 5 |
| 11 | Properties of ultrathin Pb layers on the Ni3Al(111) face. Applied Surface Science, 2013, 273, 554-561. | 6.1 | 3 |
| 12 | 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 |
| 13 | Scanning tunnelling microscopy study of Au growth on Mo(110). Surface Science, 2011, 605, 424-428. | 1.9 | 5 |
| 14 | Growth of Sn on Mo(110) studied by AES and STM. Surface Science, 2011, 605, 1291-1297. | 1.9 | 8 |
| 15 | Redox Activity and Structural Transition of Heptyl Viologen Adlayers on Cu(100). ChemPhysChem, 2010, 11, 1542-1549. | 2.1 | 14 |
| 16 | Characterization of bimetallic Auâ€“Pt(111) surfaces. Thin Solid Films, 2010, 518, 3650-3657. | 1.8 | 10 |
| 17 | Ag on Mo(110) studied by AES and STM. Surface Science, 2010, 604, 1179-1184. | 1.9 | 3 |
| 18 | Atomic and electronic properties of the Pb/Mo(110) adsorption system. Physical Review B, 2009, 80, . | 3.2 | 10 |

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|---|---|---|---|
| 19 | Pb on Mo(110) studied by scanning tunneling microscopy. Physical Review B, 2009, 80, . | 3.2 | 13 |
| 20 | 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 |
| 21 | Pd(110) surface oxide structures investigated by STM and DFT. Surface Science, 2008, 602, 3706-3713. | 1.9 | 14 |
| 22 | Atomic structure and electronic properties of Ni3Al(001) surface. Surface Science, 2008, 602, 2994-2999. | 1.9 | 4 |
| 23 | Scanning tunneling microscopy and spectroscopy investigations of copper phthalocyanine adsorbed on Al2O3/Ni3Al(111). Applied Surface Science, 2008, 254, 4251-4257. | 6.1 | 25 |
| 24 | 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 |
| 25 | 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> (011) surfaces. Physical Review B, 2007, 76, . | 3.2 | 16 |
| 26 | Isothermal desorption of Pb layers from Ni (111) faces. Annales De Chimie: Science Des Materiaux, 2007, 32, 395-400. | 0.4 | 1 |
| 27 | Debye temperature of the Pb layers on Ni(111). Physica Status Solidi (B): Basic Research, 2006, 243, 467-472. | 1.5 | 5 |
| 28 | 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 |
| 29 | Nucleation of ordered Fe islands on Al2O3/Ni3Al(111). Surface Science, 2006, 600, 1804-1808. | 1.9 | 40 |
| 30 | Temperature- and coverage-dependent evolution of the Au/Pd(1 1 0) surface structure. Surface Science, 2006, 600, 2614-2622. | 1.9 | 4 |
| 31 | Determination of the coincidence lattice of an ultra thin Al2O3 film on Ni3Al(111). Surface Science, 2005, 576, L57-L64. | 1.9 | 86 |
| 32 | Investigations of Pb/Ni(111) using incident beam electron diffraction. Surface Science, 2005, 575, 147-153. | 1.9 | 10 |
| 33 | Directional Auger electron spectroscopy and single-scattering cluster calculations study of the Ni(111)-Pb system. Physical Review B, 2005, 72, . | 3.2 | 7 |
| 34 | Directional elastic peak electron spectroscopy: theoretical description and review of applications. Progress in Surface Science, 2003, 74, 109-122. | 8.3 | 12 |
| 35 | 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 |
| 36 | PROPERTIES OF ULTRATHIN Sb LAYERS ON THE Ni(111) FACE. Surface Review and Letters, 2003, 10, 65-72. | 1.1 | 13 |

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|---|---|---|---|
| 37 | 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 |