Chun-Liang Lin

List of Publications by Year
in descending order

39 papers	1,633 citations	516710 16 h-index	377865 34 g-index
39 all docs	39 docs citations	39 times ranked	1670 citing authors

#	Article	IF	Citations
1	Progress of Photonic-Crystal Surface-Emitting Lasers: A Paradigm Shift in LiDAR Application. Crystals, 2022, 12, 800.	2.2	10
2	Defect Engineering in Ambipolar Layered Materials for Modeâ€Regulable Nociceptor. Advanced Functional Materials, 2021, 31, 2007587.	14.9	19
3	Influence of Ti doping on the band gap and thermal stability of ultrathin GeO _x films. Journal Physics D: Applied Physics, 2021, 54, 345102.	2.8	0
4	Shape of Ni-containing nanoislands grown on an Ag-terminated Ge(111) surface. Surface and Coatings Technology, 2020, 398, 126079.	4.8	0
5	Scanning tunneling spectroscopy studies of topological materials. Journal of Physics Condensed Matter, 2020, 32, 243001.	1.8	7
6	Mechanically Tunable Spontaneous Vertical Charge Redistribution in Few-Layer WTe₂. Journal of Physical Chemistry C, 2020, 124, 2008-2012.	3.1	8
7	Quasiparticle scattering in type-II Weyl semimetal MoTe2. Journal of Physics Condensed Matter, 2018, 30, 105703.	1.8	7
8	Surface structure of novel semimetal WTe₂. Applied Physics Express, 2017, 10, 045702.	2.4	9
9	Visualizing Type-II Weyl Points in Tungsten Ditelluride by Quasiparticle Interference. ACS Nano, 2017, 11, 11459-11465.	14.6	37
10	Structural evolution of Bi thin films on Au(111) revealed by scanning tunneling microscopy. Physical Review B, 2017, 96, .	3.2	20
11	Transport characteristics of a silicene nanoribbon on Ag(110). Beilstein Journal of Nanotechnology, 2017, 8, 1699-1704.	2.8	10
12	Field enhancement factors and self-focus functions manifesting in field emission resonances in scanning tunneling microscopy. Nanotechnology, 2016, 27, 175705.	2.6	6
13	Atomic structure of â€œmultilayer siliceneâ€•grown on Ag(111): Dynamical low energy electron diffraction analysis. Surface Science, 2016, 651, 70-75.	1.9	24
14	Spectroscopic Identification of Ag-Terminated â€œMultilayer Siliceneâ€•Grown on Ag(111). Journal of Physical Chemistry C, 2016, 120, 6689-6693.	3.1	17
15	One-dimensional edge state of Bi thin film grown on Si(111). Applied Physics Letters, 2015, 107, .	3.3	35
16	Comparison of electronic structure between monolayer silicenes on Ag (111). Chinese Physics B, 2015, 24, 087307.	1.4	8
17	Silicene on Ag(111): Geometric and electronic structures of a new honeycomb material of Si. Progress in Surface Science, 2015, 90, 1-20.	8.3	58
18	Determination of atomic positions in silicene on Ag(111) by low-energy electron diffraction. Surface Science, 2014, 623, 25-28.	1.9	97

#	Article	IF	Citations
19	Electronic decoupling by h-BN layer between silicene and Cu(111): A DFT-based analysis. New Journal of Physics, 2014, 16, 105019.	2.9	20
20	Silicene grown on silver surface. Journal of Surface Analysis (Online), 2014, 21, 63-70.	0.1	0
21	Spin reorientation transitions and structures of electrodeposited Ni/Cu(100) ultrathin films with and without Pb additives. Physical Chemistry Chemical Physics, 2013, 15, 2360.	2.8	17
22	Substrate-Induced Symmetry Breaking in Silicene. Physical Review Letters, 2013, 110, 076801.	7.8	358
23	Structural transition of silicene on Ag(111). Surface Science, 2013, 608, 297-300.	1.9	169
24	Structure of Silicene Grown on Ag(111). Applied Physics Express, 2012, 5, 045802.	2.4	518
25	Thermal evolution of Co on the coexisting Ag/Ge(111)- $$ sqrt 3 imes sqrt 3 $$ and Ag/Ge(111)-4ÂÃ—Â4 phases. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	3
26	Structure of Co-2 Ã— 2 nanoislands grown on Ag/Ge(111)-âˆš3 Ã— âˆš3 surface studied by scanning tunneling microscopy. Nanoscale Research Letters, 2012, 7, 189.	5.7	5
27	Manifestations of strainâ€“relaxation in the structure of nano-sized Co-2 Ã— 2 islands grown on Ag/Ge(111)-âˆš3 Ã— âˆš3 surface. Thin Solid Films, 2012, 520, 5304-5308.	1.8	4
28	Growth mechanism of Co-2×2 islands on Ag/Ge(111)-√3×√3 surface. , 2011, , .		0
29	Initial stages of Ni-driven nanostructures growth on Ag/Ge(111)-√3×√3 surface. , 2011, , .		0
30	Electronic structure of Co islands grown on the âˆš3 Ã— âˆš3-Ag/Ge(111) surface. Thin Solid Films, 2011, 519, 8410-8413.	1.8	7
31	Size Control of Co Islands Grown on âˆš3 Ã— âˆš3-Ag/Ge(111) Surface. Journal of Nanoscience and Nanotechnology, 2010, 10, 4500-4504.	0.9	9
32	Electron relaxation in empty quantum-well states of a Pb island on Cu(111) studied by Z-V (distance-voltage) spectroscopy in scanning tunneling microscopy. Journal of Applied Physics, 2010, 108, 083707.	2.5	6
33	Phase Contribution of Image Potential on Empty Quantum Well States in Pb Islands on the Cu(111) Surface. Physical Review Letters, 2009, 102, 196102.	7.8	35
34	Coverage-Dependent Cobalt Structure on .RAD.3 * .RAD.3-Ag/Ge(111) Surface. E-Journal of Surface Science and Nanotechnology, 2009, 7, 521-524.	0.4	4
35	Thermal evolution of Co islands on Ag/Si(111)â€âˆš3 Ã— âˆš3 and Ag/Ge(111)â€âˆš3 Ã— âˆš3 surfaces. Surface and Interface Analysis, 2008, 40, 1641-1645.	1.8	11
36	Reconstructed Structures of Nanosized Co Islands on Ag/Ge(111) âˆš3 Ã— âˆš3 Surfaces. Journal of Nanoscience and Nanotechnology, 2008, 8, 608-612.	0.9	7

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37	Manifestation of Work Function Difference in High Order Gundlach Oscillation. Physical Review Letters, 2007, 99, 216103.	7.8	55
38	Interplay between transmission background and Gundlach oscillation in scanning tunneling spectroscopy. Physical Review B, 2007, 75, .	3.2	17
39	Temperature-dependent shape transformation of Co clusters on Ag/Ge (111) â^š3Ã—â^š3 surfaces. Surface Science, 2006, 600, 4058-4061.	1.9	16