

Chun-Liang Lin

List of Publications by Year in descending order

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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	Structure of Silicene Grown on Ag(111). <i>Applied Physics Express</i> , 2012, 5, 045802.	2.4	518
2	Substrate-Induced Symmetry Breaking in Silicene. <i>Physical Review Letters</i> , 2013, 110, 076801.	7.8	358
3	Structural transition of silicene on Ag(111). <i>Surface Science</i> , 2013, 608, 297-300.	1.9	169
4	Determination of atomic positions in silicene on Ag(111) by low-energy electron diffraction. <i>Surface Science</i> , 2014, 623, 25-28.	1.9	97
5	Silicene on Ag(111): Geometric and electronic structures of a new honeycomb material of Si. <i>Progress in Surface Science</i> , 2015, 90, 1-20.	8.3	58
6	Manifestation of Work Function Difference in High Order Gundlach Oscillation. <i>Physical Review Letters</i> , 2007, 99, 216103.	7.8	55
7	Visualizing Type-II Weyl Points in Tungsten Ditelluride by Quasiparticle Interference. <i>ACS Nano</i> , 2017, 11, 11459-11465.	14.6	37
8	Phase Contribution of Image Potential on Empty Quantum Well States in Pb Islands on the Cu(111) Surface. <i>Physical Review Letters</i> , 2009, 102, 196102.	7.8	35
9	One-dimensional edge state of Bi thin film grown on Si(111). <i>Applied Physics Letters</i> , 2015, 107, .	3.3	35
10	Atomic structure of α -multilayer silicene-grown on Ag(111): Dynamical low energy electron diffraction analysis. <i>Surface Science</i> , 2016, 651, 70-75.	1.9	24
11	Electronic decoupling by h-BN layer between silicene and Cu(111): A DFT-based analysis. <i>New Journal of Physics</i> , 2014, 16, 105019.	2.9	20
12	Structural evolution of Bi thin films on Au(111) revealed by scanning tunneling microscopy. <i>Physical Review B</i> , 2017, 96, .	3.2	20
13	Defect Engineering in Ambipolar Layered Materials for Mode-Regulable Nociceptor. <i>Advanced Functional Materials</i> , 2021, 31, 2007587.	14.9	19
14	Interplay between transmission background and Gundlach oscillation in scanning tunneling spectroscopy. <i>Physical Review B</i> , 2007, 75, .	3.2	17
15	Spin reorientation transitions and structures of electrodeposited Ni/Cu(100) ultrathin films with and without Pb additives. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 2360.	2.8	17
16	Spectroscopic Identification of Ag-Terminated α -Multilayer Silicene-Grown on Ag(111). <i>Journal of Physical Chemistry C</i> , 2016, 120, 6689-6693.	3.1	17
17	Temperature-dependent shape transformation of Co clusters on Ag/Ge (111) $\sqrt{3}\times\sqrt{3}$ surfaces. <i>Surface Science</i> , 2006, 600, 4058-4061.	1.9	16
18	Thermal evolution of Co islands on Ag/Si(111) $\sqrt{3}\times\sqrt{3}$ and Ag/Ge(111) $\sqrt{3}\times\sqrt{3}$ surfaces. <i>Surface and Interface Analysis</i> , 2008, 40, 1641-1645.	1.8	11

#	ARTICLE	IF	CITATIONS
19	Transport characteristics of a silicene nanoribbon on Ag(110). Beilstein Journal of Nanotechnology, 2017, 8, 1699-1704.	2.8	10
20	Progress of Photonic-Crystal Surface-Emitting Lasers: A Paradigm Shift in LiDAR Application. Crystals, 2022, 12, 800.	2.2	10
21	Size Control of Co Islands Grown on $\sqrt{3} \times \sqrt{3}$ -Ag/Ge(111) Surface. Journal of Nanoscience and Nanotechnology, 2010, 10, 4500-4504.	0.9	9
22	Surface structure of novel semimetal WTe_2 . Applied Physics Express, 2017, 10, 045702.	2.4	9
23	Comparison of electronic structure between monolayer silicenes on Ag (111). Chinese Physics B, 2015, 24, 087307.	1.4	8
24	Mechanically Tunable Spontaneous Vertical Charge Redistribution in Few-Layer WTe_2 . Journal of Physical Chemistry C, 2020, 124, 2008-2012.	3.1	8
25	Reconstructed Structures of Nanosized Co Islands on Ag/Ge(111) $\sqrt{3} \times \sqrt{3}$ Surfaces. Journal of Nanoscience and Nanotechnology, 2008, 8, 608-612.	0.9	7
26	Electronic structure of Co islands grown on the $\sqrt{3} \times \sqrt{3}$ -Ag/Ge(111) surface. Thin Solid Films, 2011, 519, 8410-8413.	1.8	7
27	Quasiparticle scattering in type-II Weyl semimetal $MoTe_2$. Journal of Physics Condensed Matter, 2018, 30, 105703.	1.8	7
28	Scanning tunneling spectroscopy studies of topological materials. Journal of Physics Condensed Matter, 2020, 32, 243001.	1.8	7
29	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
30	Field enhancement factors and self-focus functions manifesting in field emission resonances in scanning tunneling microscopy. Nanotechnology, 2016, 27, 175705.	2.6	6
31	Structure of $Co_2\sqrt{2} \times \sqrt{2}$ nanoislands grown on Ag/Ge(111)- $\sqrt{3} \times \sqrt{3}$ surface studied by scanning tunneling microscopy. Nanoscale Research Letters, 2012, 7, 189.	5.7	5
32	Manifestations of strain-relaxation in the structure of nano-sized $Co_2\sqrt{2} \times \sqrt{2}$ islands grown on Ag/Ge(111)- $\sqrt{3} \times \sqrt{3}$ surface. Thin Solid Films, 2012, 520, 5304-5308.	1.8	4
33	Coverage-Dependent Cobalt Structure on $\sqrt{3} \times \sqrt{3}$ -Ag/Ge(111) Surface. E-Journal of Surface Science and Nanotechnology, 2009, 7, 521-524.	0.4	4
34	Thermal evolution of Co on the coexisting Ag/Ge(111)- $\sqrt{3} \times \sqrt{3}$ and Ag/Ge(111)- $4\sqrt{2} \times 4\sqrt{2}$ phases. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	3
35	Growth mechanism of $Co_2\sqrt{2} \times \sqrt{2}$ islands on Ag/Ge(111)- $\sqrt{3} \times \sqrt{3}$ surface. , 2011, ,		0
36	Initial stages of Ni-driven nanostructures growth on Ag/Ge(111)- $\sqrt{3} \times \sqrt{3}$ and $\sqrt{3} \times \sqrt{3}$ surface. , 2011, ,		0

#	ARTICLE	IF	CITATIONS
37	Shape of Ni-containing nanoislands grown on an Ag-terminated Ge(111) surface. Surface and Coatings Technology, 2020, 398, 126079.	4.8	0
38	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
39	Silicene grown on silver surface. Journal of Surface Analysis (Online), 2014, 21, 63-70.	0.1	0