

Pei-hsun hsun Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

145
citations

1307594

7
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Chirality-Induced Noncollinear Magnetization and Asymmetric Domain-Wall Propagation in Hydrogenated CoPd Thin Films. ACS Applied Materials & Interfaces, 2022, 14, 20151-20158.	8.0	4
2	Dynamic Behaviors and Training Effects in TiN/Ti/HfOx/TiN-Nanolayered Memristors with Controllable Quantized Conductance States: Implications for Quantum and Neuromorphic Computing Devices. ACS Applied Nano Materials, 2021, 4, 11296-11304.	5.0	2
3	Dependence of magnetic domain patterns on plasma-induced differential oxidation of CoPd thin films. Surfaces and Interfaces, 2021, 27, 101582.	3.0	1
4	Exchange-bias dependent diffusion rate of hydrogen discovered from evolution of hydrogen-induced noncollinear magnetic anisotropy in FePd thin films. Physical Review B, 2021, 104, .	3.2	4
5	Plasma-induced magnetic patterning of FePd thin films without and with exchange bias. Applied Surface Science, 2020, 527, 146831.	6.1	4
6	Magnetic patterning through graphene protection against oxidation and interlayer diffusion. Nanotechnology, 2019, 30, 455301.	2.6	2
7	Weak Localization and Weak Antilocalization in Double-Gate a-InGaZnO Thin-Film Transistors. IEEE Electron Device Letters, 2018, 39, 212-215.	3.9	4
8	Competing weak localization and weak antilocalization in amorphous indium-gallium-zinc-oxide thin-film transistors. Applied Physics Letters, 2017, 110, .	3.3	9
9	Universal dependence on the channel conductivity of the competing weak localization and antilocalization in amorphous InGaZnO ₄ thin-film transistors. Applied Physics Express, 2017, 10, 051103.	2.4	1
10	Polymer-Free Patterning of Graphene at Sub-10nm Scale by Low-Energy Repetitive Electron Beam. Small, 2014, 10, 4778-4784.	10.0	14
11	Aharonov-Bohm-like oscillations in Fabry-Perot interferometers. New Journal of Physics, 2011, 13, 055007.	2.9	11
12	Observation of a Pinning Mode in a Wigner Solid with $\nu = 1/2$ Quantum Hall Excitations. Physical Review Letters, 2010, 105, 126803.	7.8	32
13	Pinning-Mode Resonance of a Skyrmion Crystal near Landau-Level Filling Factor $\nu = 1/2$. Physical Review Letters, 2010, 104, 226801.	7.8	21
14	Zero-Bias Anomalies in Narrow Tunnel Junctions in the Quantum Hall Regime. Physical Review Letters, 2010, 105, 246801.	7.8	6
15	Quantum oscillations observed in graphene at microwave frequencies. Applied Physics Letters, 2010, 97, 062113.	3.3	9
16	Spin blockade in the conduction of colloidal CdSe nanocrystal films. Journal of Chemical Physics, 2007, 127, 014702.	3.0	18
17	Low energy dynamics of two-dimensional lateral tunnel junctions. Physica E: Low-Dimensional Systems and Nanostructures, 2006, 34, 203-205.	2.7	0
18	Interaction Effects and Pseudogap in Two-Dimensional Lateral Tunnel Junctions. Physical Review Letters, 2006, 96, 126804.	7.8	3