

Tien-Ming Chuang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,030
citations

933264

10
h-index

794469

19
g-index

20
all docs

20
docs citations

20
times ranked

1824
citing authors

#	ARTICLE	IF	CITATIONS
1	Nematic Electronic Structure in the Parent State of the Iron-Based Superconductor $\text{Ca}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Science, 2010, 327, 181-184.	6.0	452
2	Anisotropic Energy Gaps of Iron-Based Superconductivity from Intraband Quasiparticle Interference in LiFeAs . Science, 2012, 336, 563-567.	6.0	151
3	Superconducting topological surface states in the noncentrosymmetric bulk superconductor PbTaSe_2 . Science Advances, 2016, 2, e1600894.	4.7	137
4	Anisotropic impurity states, quasiparticle scattering and nematic transport in underdoped $\text{Ca}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$. Nature Physics, 2013, 9, 220-224.	6.5	123
5	Identifying the 'fingerprint' of antiferromagnetic spin fluctuations in iron pnictide superconductors. Nature Physics, 2015, 11, 177-182.	6.5	35
6	Spin Wave Injection and Propagation in a Magnetic Nanochannel from a Vortex Core. Nano Letters, 2020, 20, 3140-3146.	4.5	26
7	Compact variable-temperature scanning force microscope. Review of Scientific Instruments, 2007, 78, 053710.	0.6	15
8	Surface termination dependent quasiparticle scattering interference and magneto-transport study on ZrSiS . New Journal of Physics, 2018, 20, 103025.	1.2	15
9	Translating reproducible phase-separated texture in manganites into reproducible two-state low-field magnetoresistance: An imaging and transport study. Physical Review B, 2008, 78, .	1.1	13
10	Geometric quenching of orbital pair breaking in a single crystalline superconducting nanomesh network. Nature Communications, 2018, 9, 5431.	5.8	11
11	Two-dimensional to three-dimensional crossover and magnetic penetration depth study in NbTi/Co multilayers. Journal of Applied Physics, 2001, 89, 7493-7495.	1.1	10
12	Magnetic state of $\text{La}_{1.36}\text{Sr}_{1.64}\text{Mn}_2\text{O}_7$ probed by scanning tunneling spectroscopy. Physical Review B, 2001, 64, 040407.	1.1	10
13	The design and the performance of an ultrahigh vacuum ^3He fridge-based scanning tunneling microscope with a double deck sample stage for in-situ tip treatment. Ultramicroscopy, 2019, 196, 180-185.	0.8	6
14	COEXISTENCE OF FERROMAGNETISM AND HIGH-TEMPERATURE SUPERCONDUCTIVITY IN Dy-DOPED BiPbSrCaCuO . Surface Review and Letters, 2002, 09, 1109-1112.	0.5	5
15	Anomalous magnetic moments in Co/Nb multilayers. Journal of Magnetism and Magnetic Materials, 2002, 239, 301-303.	1.0	5
16	Topological surface states and superconductivity in non-centrosymmetric PbTaSe_2 . Japanese Journal of Applied Physics, 2021, 60, SE0803.	0.8	5
17	Effect of demagnetization factors on spin current transport. Physical Review B, 2020, 102, .	1.1	4
18	Dirac nodal line and Rashba spin-split surface states in nonsymmorphic ZrGeTe . New Journal of Physics, 2021, 23, 103019.	1.2	4

#	ARTICLE	IF	CITATIONS
19	Dense rotational twins in superconducting (111)-orientated $\hat{\gamma}$ -NbN epitaxial films on 4H-SiC substrates. Superconductor Science and Technology, 2021, 34, 045019.	1.8	3
20	A Simple and Inexpensive Fiber Optic Interferometer for an Atomic Force Microscope. Sensor Letters, 2006, 4, 262-265.	0.4	0