

Matteo Michiardi

List of Publications by Year in descending order

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29
papers

969
citations

516710

16
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

1909
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct observation of spin-polarized bulk bands in an inversion-symmetric semiconductor. Nature Physics, 2014, 10, 835-839.	16.7	271
2	Direct determination of mode-projected electron-phonon coupling in the time domain. Science, 2019, 366, 1231-1236.	12.6	73
3	Room temperature strain-induced Landau levels in graphene on a wafer-scale platform. Science Advances, 2019, 5, eaaw5593.	10.3	65
4	Factors determining the gas crossover through pinholes in polymer electrolyte fuel cell membranes. Electrochimica Acta, 2012, 80, 240-247.	5.2	64
5	Bulk band structure of Bi_2Te_3 . Physical Review B, 2014, 90, .	3.2	60
6	Cavity-enhanced high harmonic generation for extreme ultraviolet time- and angle-resolved photoemission spectroscopy. Review of Scientific Instruments, 2019, 90, 083001.	1.3	56
7	Collapse of superconductivity in cuprates via ultrafast quenching of phase coherence. Nature Materials, 2018, 17, 416-420.	27.5	46
8	Band-gap engineering by Bi intercalation of graphene on Ir(111). Physical Review B, 2016, 93, .	3.2	30
9	Influence of Spin-Orbit Coupling in Iron-Based Superconductors. Physical Review Letters, 2018, 121, 076401.	7.8	30
10	Spin-orbit-controlled metal-insulator transition in Sr_2IrO_4 . Nature Physics, 2020, 16, 290-294.	16.7	30
11	$2D$ Berry Curvature Driven Large Anomalous Hall Effect in Layered Topological Nodal Line MnAlGe . Advanced Materials, 2021, 33, e2006301.	21.0	28
12	Intra- and interband electron scattering in a hybrid topological insulator: Bismuth bilayer on Bi_2Te_3 . Physical Review B, 2014, 90, .	3.2	26
13	Three Dirac points on the (110) surface of the topological insulator Bi_2Sb . New Journal of Physics, 2013, 15, 103011.	2.9	20
14	Absence of superconductivity in ultrathin layers of FeSe synthesized on a topological insulator. Physical Review B, 2016, 94, .	3.2	20
15	Growth and structure of singly oriented single-layer tungsten disulfide on Au(111). Physical Review Materials, 2019, 3, .	2.4	18
16	Strongly anisotropic spin-orbit splitting in a two-dimensional electron gas. Physical Review B, 2015, 91, .	3.2	17
17	Correlation-driven electronic reconstruction in $\text{FeTe}_{1-x}\text{S}_x$. Communications Physics, 2022, 5, .	5.3	17
18	Ubiquitous defect-induced density wave instability in monolayer graphene. Science Advances, 2022, 8, .	10.3	17

#	ARTICLE	IF	CITATIONS
19	Establishing nonthermal regimes in pump-probe electron relaxation dynamics. <i>Physical Review B</i> , 2020, 102, .	3.2	14
20	Influence of an Anomalous Temperature Dependence of the Phase Coherence Length on the Conductivity of Magnetic Topological Insulators. <i>Physical Review Letters</i> , 2019, 123, 036406.	7.8	13
21	Emergence of pseudogap from short-range spin-correlations in electron-doped cuprates. <i>Npj Quantum Materials</i> , 2020, 5, .	5.2	12
22	Nickel: The time-reversal symmetry conserving partner of iron on a chalcogenide topological insulator. <i>Physical Review B</i> , 2016, 94, .	3.2	11
23	Optical manipulation of Rashba-split 2-dimensional electron gas. <i>Nature Communications</i> , 2022, 13, .	12.8	10
24	Role of matrix elements in the time-resolved photoemission signal. <i>New Journal of Physics</i> , 2020, 22, 023031.	2.9	8
25	Quasi-free-standing single-layer WS ₂ achieved by intercalation. <i>Physical Review Materials</i> , 2018, 2, .	2.4	6
26	Three-dimensional electronic structure of LiFeAs. <i>Physical Review B</i> , 2022, 105, .	3.2	4
27	Ubiquitous suppression of the nodal coherent spectral weight in Bi-based cuprates. <i>Physical Review B</i> , 2021, 103, .	3.2	3
28	Evolution of nonthermal electrons in pump-probe electron relaxation dynamics. , 2021, , .		0
29	Determination of mode-projected electron-phonon coupling from time-domain observations of microscopic scattering processes. , 2020, , .		0