

Ilija Zeljkovic

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,272
citations

430874

18
h-index

501196

28
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28
all docs

28
docs citations

28
times ranked

1770
citing authors

#	ARTICLE	IF	CITATIONS
1	Rotation symmetry breaking in the normal state of a kagome superconductor KV3Sb5. Nature Physics, 2022, 18, 265-270.	16.7	102
2	Manipulation of Dirac band curvature and momentum-dependent g factor in a kagome magnet. Nature Physics, 2022, 18, 644-649.	16.7	13
3	Nanoscale decoupling of electronic nematicity and structural anisotropy in FeSe thin films. Nature Communications, 2021, 12, 10.	12.8	55
4	Nematic transition and nanoscale suppression of superconductivity in Fe(Te,Se). Nature Physics, 2021, 17, 903-908.	16.7	14
5	Cascade of correlated electron states in the kagome superconductor CsV3Sb5. Nature, 2021, 599, 216-221.	27.8	251
6	Imaging antiferromagnetic domain fluctuations and the effect of atomic scale disorder in a doped spin-orbit Mott insulator. Science Advances, 2021, 7, eabi6468.	10.3	5
7	Growth, characterization, and Chern insulator state in $\text{MnBi}_{1-x}\text{Sb}_x$ via the chemical vapor transport method. Physical Review Materials, 2021, 5, .	16.7	16
8	A cleanroom in a glovebox. Review of Scientific Instruments, 2020, 91, 073909.	1.3	13
9	Coulomb blockade effects in a topological insulator grown on a high-Tc cuprate superconductor. Npj Quantum Materials, 2020, 5, .	5.2	3
10	Atomic-scale fragmentation and collapse of antiferromagnetic order in a doped Mott insulator. Nature Physics, 2019, 15, 1267-1272.	16.7	23
11	Proximity-induced superconductivity in a topological crystalline insulator. Physical Review B, 2019, 100, .	3.2	7
12	Charge-stripe crystal phase in an insulating cuprate. Nature Materials, 2019, 18, 103-107.	27.5	30
13	Bulk superconductivity in $\text{FeTe}_{1-x}\text{Se}_x$ via physicochemical pumping of excess iron. Physical Review Materials, 2018, 2, .	16.7	23
14	Interplay of orbital effects and nanoscale strain in topological crystalline insulators. Nature Communications, 2018, 9, 1550.	12.8	26
15	Atomic-scale strain manipulation of a charge density wave. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6986-6990.	7.1	47
16	Superconducting proximity effect in a topological insulator using Fe(Te, Se). Physical Review B, 2018, 97, .	3.2	23
17	Etching of Cr tips for scanning tunneling microscopy of cleavable oxides. Review of Scientific Instruments, 2017, 88, 023705.	1.3	7
18	Quasiparticle interference and strong electron-phonon mode coupling in the quasi-one-dimensional bands of Sr_2RuO_4 . Nature Physics, 2017, 13, 799-805.	16.7	33

#	ARTICLE	IF	CITATIONS
19	Dirac mass generation from crystal symmetry breaking on the surfaces of topological crystalline insulators. Nature Materials, 2015, 14, 318-324.	27.5	113
20	Nanoscale determination of the mass enhancement factor in the lightly doped bulk insulator lead selenide. Nature Communications, 2015, 6, 6559.	12.8	12
21	Strain engineering Dirac surface states in heteroepitaxial topological crystalline insulator thin films. Nature Nanotechnology, 2015, 10, 849-853.	31.5	73
22	Fermi Surface and Pseudogap Evolution in a Cuprate Superconductor. Science, 2014, 344, 608-611.	12.6	130
23	Nanoscale Interplay of Strain and Doping in a High-Temperature Superconductor. Nano Letters, 2014, 14, 6749-6753.	9.1	23
24	Mapping the unconventional orbital texture in topological crystalline insulators. Nature Physics, 2014, 10, 572-577.	16.7	79
25	Interplay of chemical disorder and electronic inhomogeneity in unconventional superconductors. Physical Chemistry Chemical Physics, 2013, 15, 13462.	2.8	22
26	Nanoscale surface element identification and dopant homogeneity in the high- T_c superconductor $\text{Pr}_{1-x}\text{Ca}_x\text{Bi}_2\text{O}_{8+x}$. Science, 2012, 337, 320-323.	3.2	28
27	Imaging the Impact of Single Oxygen Atoms on Superconducting $\text{Bi}_{2-y}\text{Sr}_{2+y}\text{CaCu}_2\text{O}_{8+x}$. Science, 2012, 337, 320-323.	12.6	79
28	Scanning tunnelling microscopy imaging of symmetry-breaking structural distortion in the bismuth-based cuprate superconductors. Nature Materials, 2012, 11, 585-589.	27.5	39