

Ilija Zeljkovic

List of Publications by Year in descending order

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28
papers

1,272
citations

430874

18
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501196

28
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all docs

28
docs citations

28
times ranked

1770
citing authors

#	ARTICLE	IF	CITATIONS
1	Cascade of correlated electron states in the kagome superconductor CsV ₃ Sb ₅ . Nature, 2021, 599, 216-221.	27.8	251
2	Fermi Surface and Pseudogap Evolution in a Cuprate Superconductor. Science, 2014, 344, 608-611.	12.6	130
3	Dirac mass generation from crystal symmetry breaking on the surfaces of topological crystalline insulators. Nature Materials, 2015, 14, 318-324.	27.5	113
4	Rotation symmetry breaking in the normal state of a kagome superconductor KV ₃ Sb ₅ . Nature Physics, 2022, 18, 265-270.	16.7	102
5	Imaging the Impact of Single Oxygen Atoms on Superconducting Bi _{2+y} Sr _{2-x} CaCu ₂ O _{8+x} . Science, 2012, 337, 320-323.	12.6	79
6	Mapping the unconventional orbital texture in topological crystalline insulators. Nature Physics, 2014, 10, 572-577.	16.7	79
7	Strain engineering Dirac surface states in heteroepitaxial topological crystalline insulator thin films. Nature Nanotechnology, 2015, 10, 849-853.	31.5	73
8	Nanoscale decoupling of electronic nematicity and structural anisotropy in FeSe thin films. Nature Communications, 2021, 12, 10.	12.8	55
9	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
10	Scanning tunnelling microscopy imaging of symmetry-breaking structural distortion in the bismuth-based cuprate superconductors. Nature Materials, 2012, 11, 585-589.	27.5	39
11	Quasiparticle interference and strong electron mode coupling in the quasi-one-dimensional bands of Sr ₂ RuO ₄ . Nature Physics, 2017, 13, 799-805.	16.7	33
12	Charge-stripe crystal phase in an insulating cuprate. Nature Materials, 2019, 18, 103-107.	27.5	30
13	Nanoscale surface element identification and dopant homogeneity in the high- T_c superconductor Pr _{1-x} T _x Ca _{1-x} Co ₂ O ₇ . Nature Communications, 2018, 9, 1550.	3.2	28
14	Interplay of orbital effects and nanoscale strain in topological crystalline insulators. Nature Communications, 2018, 9, 1550.	12.8	26
15	Nanoscale Interplay of Strain and Doping in a High-Temperature Superconductor. Nano Letters, 2014, 14, 6749-6753.	9.1	23
16	Superconducting proximity effect in a topological insulator using Fe(Te, Se). Physical Review B, 2018, 97, .	3.2	23
17	Atomic-scale fragmentation and collapse of antiferromagnetic order in a doped Mott insulator. Nature Physics, 2019, 15, 1267-1272.	16.7	23
18	Interplay of chemical disorder and electronic inhomogeneity in unconventional superconductors. Physical Chemistry Chemical Physics, 2013, 15, 13462.	2.8	22

#	ARTICLE	IF	CITATIONS
19	Growth, characterization, and Chern insulator state in MnBi via the chemical vapor transport method. <i>Physical Review Materials</i> , 2021, 5, .	16.7	14
20	Nematic transition and nanoscale suppression of superconductivity in $\text{Fe}(\text{Te},\text{Se})$. <i>Nature Physics</i> , 2021, 17, 903-908.	16.7	14
21	A cleanroom in a glovebox. <i>Review of Scientific Instruments</i> , 2020, 91, 073909.	1.3	13
22	Manipulation of Dirac band curvature and momentum-dependent g factor in a kagome magnet. <i>Nature Physics</i> , 2022, 18, 644-649.	16.7	13
23	Nanoscale determination of the mass enhancement factor in the lightly doped bulk insulator lead selenide. <i>Nature Communications</i> , 2015, 6, 6559.	12.8	12
24	Etching of Cr tips for scanning tunneling microscopy of cleavable oxides. <i>Review of Scientific Instruments</i> , 2017, 88, 023705.	1.3	7
25	Proximity-induced superconductivity in a topological crystalline insulator. <i>Physical Review B</i> , 2019, 100, .	3.2	7
26	Bulk superconductivity in FeTe via physicochemical pumping of excess iron. <i>Physical Review Materials</i> , 2019, 3, .	10.3	5
27	Imaging antiferromagnetic domain fluctuations and the effect of atomic scale disorder in a doped spin-orbit Mott insulator. <i>Science Advances</i> , 2021, 7, eabi6468.	10.3	5
28	Coulomb blockade effects in a topological insulator grown on a high- T_c cuprate superconductor. <i>Npj Quantum Materials</i> , 2020, 5, .	5.2	3