Maja D Bachmann

List of Publications by Year
in descending order

21	437	840776 11	752698 20
papers	citations	h-index	g-index

23	23	23	773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Controlling superconductivity of CeIrIn5 microstructures by substrate selection. Applied Physics Letters, 2022, 120, .	3.3	2
2	Directional ballistic transport in the two-dimensional metal PdCoO2. Nature Physics, 2022, 18, 819-824.	16.7	16
3	Second order Zeeman interaction and ferroquadrupolar order in TmVO4. Npj Quantum Materials, 2022, 7, .	5.2	7
4	Scale-invariant magnetic anisotropy in RuCl3 at high magnetic fields. Nature Physics, 2021, 17, 240-244.	16.7	25
5	Scanning SQUID microscopy in a cryogen-free dilution refrigerator. Review of Scientific Instruments, 2021, 92, 083704.	1.3	9
6	Temperature dependence of quantum oscillations from non-parabolic dispersions. Nature Communications, 2021, 12, 6213.	12.8	14
7	Low-symmetry nonlocal transport in microstructured squares of delafossite metals. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	11
8	Expanding the momentum field of view in angle-resolved photoemission systems with hemispherical analyzers. Review of Scientific Instruments, 2021, 92, 123907.	1.3	4
9	h / e oscillations in interlayer transport of delafossites. Science, 2020, 368, 1234-1238.	12.6	24
10	Probing intraband excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ZrTe</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:math> : A high-pressure infrared and transport study. Physical Review B, 2020, 101, .	3.2	5
11	Orbital effect and weak localization in the longitudinal magnetoresistance of Weyl semimetals NbP, NbAs, TaP, and TaAs. Physical Review Materials, 2020, 4, .	2.4	14
12	Spatially Modulated Heavy Fermion Superconductivity in CeIrIn$$_ext {5}$$. Springer Theses, 2020, , 99-150.	0.1	1
13	Focused Ion Beam Micro-machining. Springer Theses, 2020, , 5-33.	0.1	0
14	Persistent antiferromagnetic order in heavily overdoped Ca_{1â^'x}La_xFeAs₂. Journal of Physics Condensed Matter, 2019, 31, 485705.	1.8	2
15	Spatial control of heavy-fermion superconductivity in CeIrIn ₅. Science, 2019, 366, 221-226.	12.6	37
16	Super-geometric electron focusing on the hexagonal Fermi surface of PdCoO2. Nature Communications, 2019, 10, 5081.	12.8	26
17	Out-of-plane transport in ZrSiS and ZrSiSe microstructures. APL Materials, 2019, 7, 101116.	5.1	7
18	Quantum limit transport and destruction of the Weyl nodes in TaAs. Nature Communications, 2018, 9, 2217.	12.8	71

#	Article	IF	Citations
19	Sr₂Pt_{8â^'x}As: a layered incommensurately modulated metal with saturated resistivity. IUCrJ, 2018, 5, 470-477.	2.2	5
20	Inducing superconductivity in Weyl semimetal microstructures by selective ion sputtering. Science Advances, 2017, 3, e1602983.	10.3	68
21	Electronic in-plane symmetry breaking at field-tuned quantum criticality in CeRhIn5. Nature, 2017, 548, 313-317.	27.8	89