

Heike Pfau

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

513
citations

759233

12
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

856
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal and electrical transport across a magnetic quantum critical point. Nature, 2012, 484, 493-497.	27.8	78
2	Ferromagnetic quantum criticality in the quasi-one-dimensional heavy fermion metal YbNi_4P_2 . New Journal of Physics, 2011, 13, 103014.	2.9	67
3	Nematic Energy Scale and the Missing Electron Pocket in FeSe. Physical Review X, 2019, 9, .	8.9	66
4	Interplay between Kondo Suppression and Lifshitz Transitions in YbRh_2Si_2 at High Magnetic Fields. Physical Review Letters, 2013, 110, 256403.	7.8	55
5	Momentum Dependence of the Nematic Order Parameter in Iron-Based Superconductors. Physical Review Letters, 2019, 123, 066402.	7.8	41
6	Detailed band structure of twinned and detwinned BaFe_2Si_2 studied with angle-resolved photoemission spectroscopy. Physical Review B, 2019, 99, .	3.2	26
7	Thermoelectric transport across the metamagnetic transition of CeRu_2Si_2 . Physical Review B, 2012, 85, .	3.2	26
8	Tuning time and energy resolution in time-resolved photoemission spectroscopy with nonlinear crystals. Journal of Applied Physics, 2020, 128, .	2.5	26
9	Evidence of a Kondo Destroying Quantum Critical Point in YbRh_2Si_2 . Journal of the Physical Society of Japan, 2014, 83, 061001.	1.6	22
10	Cascade of Magnetic-Field-Induced Lifshitz Transitions in the Ferromagnetic Kondo Lattice Material YbNi_4P_2 . Physical Review Letters, 2017, 119, 126402.	1.8	16
11	Heavy fermion and Kondo lattice behavior in the itinerant ferromagnet CeCrGe_3 . Journal of Physics Condensed Matter, 2014, 26, 106001.	1.8	16
12	Interplay between unconventional superconductivity and heavy-fermion quantum criticality: CeCu_2Si_2 versus YbRh_2Si_2 . Philosophical Magazine, 2018, 98, 2930-2963.	1.6	16
13	f and d states in the heavy-fermion system YbRh_2Si_2 . Physical Review B, 2018, 97, .	3.2	12
14	Superconducting gap structure of the skutterudite $\text{LaPt}_4\text{Ge}_{12}$ probed by specific heat and thermal transport. Physical Review B, 2016, 94, .	3.2	11
15	Low work function in the 122-family of iron-based superconductors. Physical Review Materials, 2020, 4, .	2.4	6
16	Quasiparticle coherence in the nematic state of FeSe. Physical Review B, 2021, 104, .	3.2	6
17	Anisotropic quasiparticle coherence in nematic BaFe_2Si_2 studied with strain-dependent ARPES. Physical Review B, 2021, 103, .	3.2	6
18	Quantum-well states in fractured crystals of the heavy-fermion material CeCoIn_5 . Physical Review B, 2020, 102, .	3.2	6

#	ARTICLE	IF	CITATIONS
19	Expanding the momentum field of view in angle-resolved photoemission systems with hemispherical analyzers. <i>Review of Scientific Instruments</i> , 2021, 92, 123907.	1.3	4
20	Electronic structure of the quadrupolar ordered heavy-fermion compound YbRu ₂ Ge ₂ measured by angle-resolved photoemission. <i>Physical Review B</i> , 2019, 99, .	3.2	3
21	Influence of Ir and La substitution on the thermal transport properties of YbRh ₂ Si ₂ . <i>Physica Status Solidi (B): Basic Research</i> , 2013, 250, 491-494.	1.5	0
22	Kondo Lattices in Magnetic Field. Springer Theses, 2016, , 65-92.	0.1	0
23	The Wiedemann-Franz Law in YbRh ₂ Si ₂ . Springer Theses, 2016, , 43-63.	0.1	0