

Robert Kuechler

List of Publications by Year in descending order

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12
papers

475
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

721
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferromagnetic Quantum Critical Point in the Heavy-Fermion Metal YbNi_4 ($P_{1\hat{a}}$) $T_{\text{c}} = 1.1$ K. <i>Physical Review Letters</i> , 2019, 122, 077201.	12.6	142
2	A compact and miniaturized high resolution capacitance dilatometer for measuring thermal expansion and magnetostriction. <i>Review of Scientific Instruments</i> , 2012, 83, 095102.	1.3	82
3	Field-induced transition within the superconducting state of CeRh_2As_2 . <i>Science</i> , 2021, 373, 1012-1016.	12.6	74
4	Origin of the quasi-quantized Hall effect in ZrTe_5 . <i>Nature Communications</i> , 2021, 12, 3197.	12.8	31
5	Possible Quadrupole Density Wave in the Superconducting Kondo Lattice Material CeRh_2As_2 . <i>Physical Review X</i> , 2022, 12, 011047.	8.9	25
6	The world's smallest capacitive dilatometer, for high-resolution thermal expansion and magnetostriction in high magnetic fields. <i>Review of Scientific Instruments</i> , 2017, 88, 083903.	1.3	23
7	Uniaxial-stress tuned large magnetic-shape-memory effect in Ni-Co-Mn-Sb Heusler alloys. <i>Applied Physics Letters</i> , 2017, 110, 112402.	3.3	21
8	Cascade of Magnetic-Field-Induced Lifshitz Transitions in the Ferromagnetic Kondo Lattice Material YbNi_4P_2 . <i>Physical Review Letters</i> , 2017, 119, 126402.	12.8	19
9	Thermodynamic signatures of the field-induced states of graphite. <i>Nature Communications</i> , 2017, 8, 1337.	12.8	17
10	Uniaxial stress tuning of geometrical frustration in a Kondo lattice. <i>Physical Review B</i> , 2017, 96, 080402.	3.2	16
11	Negative Thermal Expansion in the Plateau State of a Magnetically Frustrated Spinel. <i>Physical Review Letters</i> , 2019, 123, 027205.	7.8	13
12	A uniaxial stress capacitive dilatometer for high-resolution thermal expansion and magnetostriction under multiextreme conditions. <i>Review of Scientific Instruments</i> , 2016, 87, 073903.	1.3	12