

# Robert Kuechler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9923111/publications.pdf>

Version: 2024-02-01

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	Possible Quadrupole Density Wave in the Superconducting Kondo Lattice $\text{CeRh}_2\text{As}_2$ . Physical Review X, 2022, 12, .	8.9	25
2	Origin of the quasi-quantized Hall effect in ZrTe5. Nature Communications, 2021, 12, 3197.	12.8	31
3	Field-induced transition within the superconducting state of CeRh <sub>2</sub> As <sub>2</sub> . Science, 2021, 373, 1012-1016.	12.6	74
4	Negative Thermal Expansion in the Plateau State of a Magnetically Frustrated Spinel. Physical Review Letters, 2019, 123, 027205.	7.8	13
5	Uniaxial-stress tuned large magnetic-shape-memory effect in Ni-Co-Mn-Sb Heusler alloys. Applied Physics Letters, 2017, 110, .	3.3	21
6	Cascade of Magnetic-Field-Induced Lifshitz Transitions in the Ferromagnetic Kondo Lattice Material YbNi <sub>4</sub> P <sub>12.6</sub> As <sub>14.2</sub> . Physical Review Letters, 2017, 119, 126402.	1.9	19
7	The world's smallest capacitive dilatometer, for high-resolution thermal expansion and magnetostriction in high magnetic fields. Review of Scientific Instruments, 2017, 88, 083903.	1.3	23
8	Thermodynamic signatures of the field-induced states of graphite. Nature Communications, 2017, 8, 1337.	12.8	17
9	Uniaxial stress tuning of geometrical frustration in a Kondo lattice. Physical Review B, 2017, 96, .	3.2	16
10	A uniaxial stress capacitive dilatometer for high-resolution thermal expansion and magnetostriction under multiextreme conditions. Review of Scientific Instruments, 2016, 87, 073903.	1.3	12
11	Ferromagnetic Quantum Critical Point in the Heavy-Fermion Metal YbNi <sub>4</sub> (P <sub>12.6</sub> As <sub>14.2</sub> )T <sub>j</sub> ETQq1.1 0.784314 rgBT <sub>j</sub>	1.1	1
12	A compact and miniaturized high resolution capacitance dilatometer for measuring thermal expansion and magnetostriction. Review of Scientific Instruments, 2012, 83, 095102.	1.3	82