

Ai Nakamura

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

629
citations

840776

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1199594

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g-index

12
all docs

12
docs citations

12
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Unconventional Superconductivity in Heavy Fermion UTe ₂ . Journal of the Physical Society of Japan, 2019, 88, 043702.	1.6	173
2	Metamagnetic Transition in Heavy Fermion Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2019, 88, 063706.	1.6	80
3	Superconducting Properties of Heavy Fermion UTe ₂ Revealed by ¹²⁵ Te-nuclear Magnetic Resonance. Journal of the Physical Society of Japan, 2019, 88, 113703.	1.6	74
4	Multiple Superconducting Phases and Unusual Enhancement of the Upper Critical Field in UTe ₂ . Journal of the Physical Society of Japan, 2020, 89, 053705.	1.6	70
5	¹²⁵ Te-NMR Study on a Single Crystal of Heavy Fermion Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2019, 88, 073701.	1.6	64
6	Anisotropic response of spin susceptibility in the superconducting state of UTe ₂ probed with μ SR. Physical Review Letters, 2020, 125, 077201.	3.2	36
7	Orientation of point nodes and nonunitary triplet pairing tuned by the easy-axis magnetization in UTe ₂ . Physical Review Research, 2020, 2, 033001.	3.6	34
8	First Observation of the de Haas-van Alphen Effect and Fermi Surfaces in the Unconventional Superconductor UTe ₂ . Journal of the Physical Society of Japan, 2022, 91, .	1.6	29
9	Dimensionality Driven Enhancement of Ferromagnetic Superconductivity in URhGe. Physical Review Letters, 2018, 120, 037001.	7.8	26
10	Field-Induced Superconductivity near the Superconducting Critical Pressure in UTe ₂ . Journal of the Physical Society of Japan, 2021, 90, 074705.	1.6	18
11	Enhancement and Discontinuity of Effective Mass through the First-Order Metamagnetic Transition in UTe ₂ . Journal of the Physical Society of Japan, 2021, 90, 103702.	1.6	15
12	Magnetovolume Effect on the First-Order Metamagnetic Transition in UTe ₂ . Journal of the Physical Society of Japan, 2022, 91, .	1.6	10