

Grüneisen parameter studies on heavy fermion quantum

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Criticality-Enhanced Magnetocaloric Effect in Quantum Spin Chain Material Copper Nitrate. Scientific Reports, 2017, 7, 44643.	3.3	7
2	Uniaxial stress tuning of geometrical frustration in a Kondo lattice. Physical Review B, 2017, 96, .	3.2	16
3	High magnetic field behavior of strongly correlated uranium-based compounds. Advances in Physics, 2017, 66, 263-314.	14.4	10
4	Gr ^{1/4} neisen Parameter and Thermal Expansion by the Self-Consistent Renormalization Theory of Spin Fluctuations. Journal of the Physical Society of Japan, 2018, 87, 034712.	1.6	1
5	Frustration and quantum criticality. Reports on Progress in Physics, 2018, 81, 064501.	20.1	73
6	Magnetocaloric effect and Gr ^{1/4} neisen parameter of quantum magnets with a spin gap. Physical Review B, 2018, 98, .	3.2	8
7	Magnetocaloric effect as a signature of quantum level-crossing for a spin-gapped system. Journal of Physics Condensed Matter, 2019, 31, 475802.	1.8	9
8	Negative Thermal Expansion in Nanostructured Intermediate-Valence YbAl ₃ . IEEE Magnetics Letters, 2019, 10, 1-5.	1.1	0
9	Gr ^{1/4} neisen divergence near the structural quantum phase transition in ScF ₃ . Philosophical Magazine, 2019, 99, 631-643.	1.6	4
10	Highly anisotropic strain dependencies in PrIr ₂ Zn ₂₀ . Physical Review B, 2019, 99, .	3.2	9
11	Gr ^{1/4} neisen parameters for the Lieb-Liniger and Yang-Gaudin models. Physical Review B, 2019, 100, .	3.2	6
12	Universal Thermodynamic Signature of Self-Dual Quantum Critical Points. Physical Review Letters, 2019, 123, 230601.	7.8	18
13	Gr ^{1/4} neisen parameter and thermal expansion near magnetic quantum critical points in itinerant electron systems. Physical Review B, 2019, 99, .	3.2	7
14	Non-divergent Gr ^{1/4} neisen parameter in quantum critical quasicrystal Yb ₁₅ Al ₃₄ Au ₅₁ : Reflection of robustness of quantum criticality under pressure. Solid State Communications, 2020, 306, 113774.	1.9	4
15	Pressure dependence of antiferromagnetic and superconducting phases in $U_2R_2O_{10}$ ($R = \text{Pr, Nd}$). Physical Review B, 2020, 101, 040407.	3.2	0
16	Magnetocaloric effect and Gr ^{1/4} neisen parameter of quantum magnets with a spin gap. Physical Review B, 2018, 98, .	3.2	8
17	Magnetic phase diagram and magnetoelastic coupling of NiTiO ₃ . Physical Review B, 2020, 101, .	3.2	12
18	Magnetoelastic coupling and Gr ^{1/4} neisen scaling in NdB ₄ . Physical Review B, 2021, 103, .	3.2	2

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19	Magnetoelastic coupling and phases in the skyrmion lattice magnet GdMn_2O_7 by high-resolution dilatometry. <i>Physical Review B</i> , 2021, 103, .	3.2	24
20	Pristine quantum criticality in a Kondo semimetal. <i>Science Advances</i> , 2021, 7, .	10.3	11
21	Magnetic phase diagram, magnetoelastic coupling, and Gr \tilde{A} ^{1/4} neisen scaling in CoTiO_3 . <i>Physical Review B</i> , 2021, 104, .	3.2	8
22	Significant inverse magnetocaloric effect induced by quantum criticality. <i>Physical Review Research</i> , 2021, 3, .	3.6	7
23	Quasi-1D XY antiferromagnet $\text{Sr}_2\text{Ni}(\text{SeO}_3)_2\text{Cl}_2$ at Sakai-Takahashi phase diagram. <i>Scientific Reports</i> , 2021, 11, 15002.	3.3	1
24	Gr \tilde{A} ^{1/4} neisen parameters: Origin, identity, and quantum refrigeration. <i>Physical Review Research</i> , 2020, 2, .	3.6	6
25	Learning the Effective Spin Hamiltonian of a Quantum Magnet. <i>Chinese Physics Letters</i> , 2021, 38, 097502.	3.3	7
26	Uniaxial pressure effects in the two-dimensional van der Waals ferromagnet CrI_3 . <i>Physical Review B</i> , 2022, 105, .	3.2	8
27	Anisotropy-driven quantum criticality in an intermediate valence system. <i>Nature Communications</i> , 2022, 13, 2141.	12.8	1
28	Strong effects of uniaxial pressure and short-range correlations in Cr_2O_3 . <i>Physical Review Research</i> , 2022, 4, .	3.2	8
29	Field-induced quantum critical point in the itinerant antiferromagnet Ti_3Cu_4 . <i>Communications Physics</i> , 2022, 5, .	5.3	1
30	Divergent thermal expansion and Gr \tilde{A} ^{1/4} neisen ratio in a quadrupolar Kondo metal. <i>Physical Review Research</i> , 2022, 4, .	3.6	2
31	Elastocaloric determination of the phase diagram of Sr_2RuO_4 . <i>Nature</i> , 2022, 607, 276-280.	27.8	18
32	Quantum spin liquid candidate as superior refrigerant in cascade demagnetization cooling. <i>Communications Physics</i> , 2022, 5, .	5.3	1
33	Magnetically Enhanced Thermoelectric Performance of $\text{Ti}_{0.75}\text{NiSb}$ ($x = 0 \sim 5$) Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 45503-45515.	8.0	3
34	Role of magnetoelastic coupling and magnetic anisotropy in MnTiO_3 . <i>Physical Review B</i> , 2022, 106, .	3.2	0
35	Magnetism in frustrated Kondo and non-Kondo intermetallics: CeInCu_2 versus NdInCu_2 . <i>Physical Review B</i> , 2023, 107, .	3.2	0
36	Elastocaloric signatures of symmetric and antisymmetric strain-tuning of quadrupolar and magnetic phases in DyB_2C_2 . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	7.1	2

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37	Quantum Criticality of Valence Transition Experiments and Theory. Springer Tracts in Modern Physics, 2023, , 107-168.	0.1	0
38	Self-consistent Renormalization Theory. Springer Tracts in Modern Physics, 2023, , 69-106.	0.1	0
39	Giant magnetocaloric effect in spin supersolid candidate Na ₂ BaCo(PO ₄) ₂ . Nature, 2024, 625, 270-275.	27.8	1