

Nathanael A Fortune

List of Publications by Year in descending order

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50
papers

1,002
citations

687363

13
h-index

414414

32
g-index

54
all docs

54
docs citations

54
times ranked

882
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetoquantum oscillations in the specific heat of a topological Kondo insulator. Journal of Physics Condensed Matter, 2022, 34, 36LT01.	1.8	2
2	Evolution of magnetic field induced ordering in the layered quantum Heisenberg triangular-lattice antiferromagnet Ba ₃ CoSb ₂ O ₉ . Physical Review B, 2021, 103, .	3.2	11
3	Magnetic-field-induced 1st order transition to FFLO state at paramagnetic limit in 2D superconductors. Journal of Physics: Conference Series, 2018, 969, 012072.	0.4	3
4	Calorimetric Measurements of Magnetic-Field-Induced Inhomogeneous Superconductivity Above the Paramagnetic Limit. Physical Review Letters, 2017, 118, 267001.	7.8	46
5	Calorimetric determination of the angular dependent phase diagram of an S=1/2 Heisenberg triangular-lattice antiferromagnet. Journal of Physics: Conference Series, 2014, 568, 042010.	0.4	2
6	Magnetic-field-induced Heisenberg to XY crossover in a quasi-2D quantum antiferromagnet. Journal of Physics: Conference Series, 2014, 568, 042004.	0.4	7
7	Top-loading small-sample calorimeters for measurements as a function of magnetic field angle. Journal of Physics: Conference Series, 2014, 568, 032008.	0.4	5
8	Magnetic-Field Induced Quantum Phase Transitions in Triangular-Lattice Antiferromagnets. Journal of Physics: Conference Series, 2011, 302, 012003.	0.4	8
9	Field-induced quantum phase transitions in the spin-1/2 triangular-lattice antiferromagnet Cs ₂ CuBr ₄ . Journal of Physics: Conference Series, 2010, 200, 022008.	0.4	0
10	Cascade of Magnetic-Field-Induced Quantum Phase Transitions in a Spin- $\frac{1}{2}$ Triangular-Lattice Antiferromagnet. Physical Review Letters, 2009, 102, 257201.	7.8	119
11	Fulde-Ferrell-Larkin-Ovchinnikov superconductivity in heavy fermion CeCoIn ₅ . Physica B: Condensed Matter, 2006, 378-380, 343-346.	2.7	2
12	Magnetic enhancement of superconductivity. Nature, 2004, 427, 802-802.	27.8	6
13	Heat capacity cell for angular measurements in high magnetic fields. Physica B: Condensed Matter, 2003, 329-333, 1586-1587.	2.7	8
14	Magnetic enhancement of superconductivity from electron spin domains. Nature, 2003, 425, 51-55.	27.8	393
15	High magnetic field corrections to resistance thermometers for low temperature calorimetry. Review of Scientific Instruments, 2000, 71, 3825.	1.3	13
16	Field-dependence of the specific heat and magnetothermal effect for $\hat{\Gamma}_{\pm}$ -(BEDT-TTF) ₂ KHg(SCN) ₄ in the density wave and high field ground states. Synthetic Metals, 1999, 103, 2078-2079.	3.9	7
17	Temperature dependence of the normal state specific heat of $\hat{\Gamma}_{\pm}$ -(BEDT-TTF) ₂ Cu(NCS) ₂ . Synthetic Metals, 1999, 103, 2080.	3.9	2
18	Physical dependence of the sensitivity and room-temperature stability of Au _x Ge _{1-x} thin film resistive thermometers on annealing conditions. Review of Scientific Instruments, 1998, 69, 133-138.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Comment on "Electronic structure of insulating salts of the \hat{I}^{\pm} -(BEDT-TTF) $_2$ X family studied by low-temperature specific-heat measurements", Physical Review B, 1997, 56, 949-950.	3.2	1
20	Video-microscopy-based study of molecular crystal growth modes. Synthetic Metals, 1997, 86, 1855-1856.	3.9	1
21	Structural and physical properties of the organic metal \hat{I}^{\pm} -(P-(S,S)-DMEDT-TTF) $_2$ (AuBr $_2$) $_1$ (AuBr $_2$) $\hat{\sim}$ 0.75. Solid State Communications, 1995, 95, 211-215.	1.9	39
22	Conducting and superconducting salts based on BEDTTTF and on some unsymmetrical tetrachalcogenafulvalenes. Synthetic Metals, 1995, 70, 787-788.	3.9	18
23	Evolution of the fermi surface in metastable \hat{I}^{\pm} -(BEDT-TTF) $_2$ I $_3$. Synthetic Metals, 1995, 70, 903-906.	3.9	2
24	Fermi surface dependence of the hall coefficient in quasi-2D molecular conductors. Synthetic Metals, 1995, 70, 1001-1004.	3.9	4
25	Evidence for a 20 K transition in \hat{I}^{\pm} -(BEDT-TTF) $_2$ I $_3$. Synthetic Metals, 1993, 56, 2246-2250.	3.9	2
26	Effect of Oxygen to the Transport Properties of Bi $_2$ Sr $_2$ CaCu $_2$ O $_8$ + \hat{I} , YBa $_2$ Cu $_3$ O $_7$ $\hat{\sim}$ \hat{I} and Nd $_2$ $\hat{\sim}$ \hat{I} xCe $_x$ CuO $_4$ $\hat{\sim}$ \hat{I} . , 1993, , 101-106.		1
27	Hall Effect under Pressure in Low Dimensional Organic Superconductors. Japanese Journal of Applied Physics, 1993, 32, 306.	1.5	0
28	Competition between superconductivity and a new 20 K phase in \hat{I}^{\pm} -(BEDT-TTF) $_2$ I $_3$: Specific heat measurements. Physical Review Letters, 1992, 68, 2933-2936.	7.8	19
29	Influence of Magnetic Ordering on Transport Properties of Pr $_2$ $\hat{\sim}$ \hat{I} xCe $_x$ CuO $_4$. , 1992, , 93-96.		1
30	Electronic states and fermi surface in (BEDT-TTF) $_2$ X: Hall effect and magnetoresistance. Synthetic Metals, 1991, 42, 2163-2166.	3.9	3
31	Low temperature electronic states in (DMeO-DCNQI) $_2$ Cu under pressure at low temperature. Synthetic Metals, 1991, 42, 2487-2490.	3.9	1
32	Magneto-quantum oscillations of the specific heat in the Bechgaard salt (TMTSF) $_2$ ClO $_4$. Synthetic Metals, 1991, 42, 1667-1670.	3.9	0
33	Calorimetric observation of the metal-insulator phase transition in \hat{I}^{\pm} -(BEDT-TTF) $_2$ I $_3$. Solid State Communications, 1991, 79, 265-269.	1.9	41
34	Activated carriers near the fermi level in epitaxial YBa $_2$ Cu $_3$ O $_7$ - \hat{I} films. Physica B: Condensed Matter, 1991, 169, 633-634.	2.7	4
35	Variation of carrier concentration in Nd $_1.85$ Ce $_0.15$ CuO $_4$ - \hat{I} by reduction. Physica B: Condensed Matter, 1991, 169, 635-636.	2.7	3
36	The effect of cerium doping and oxygen treatment of Nd $_2$ $\hat{\sim}$ \hat{I} xCe $_x$ CuO $_4$. Physica C: Superconductivity and Its Applications, 1991, 178, 437-444.	1.2	22

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37	Hall effect of the organic superconductors of (TMTSF) ₂ X, (DMET) ₂ X and (BEDT-TTF) ₂ X. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2685-2686.	1.2	1
38	Hall effect and magnetic properties in Pr _{2-x} Ce _x CuO ₄ . Physica C: Superconductivity and Its Applications, 1991, 185-189, 1277-1278.	1.2	0
39	Calorimetric observation of a structural phase transition at elevated temperatures in single crystal C60. Physica C: Superconductivity and Its Applications, 1991, 185-189, 425-426.	1.2	11
40	Systematic variation of transport and thermodynamic properties with degree of reduction in Nd _{1.85} Ce _{0.15} CuO _{4-δ} . Physical Review B, 1991, 43, 12930-12934.	3.2	21
41	Temperature dependence of hall effect in $\hat{\Gamma}^2$ -(BEDT-TTF) ₂ Cu(NCS) ₂ . Solid State Communications, 1990, 76, 377-381.	1.9	58
42	Specific-heat study of the anomalous quantum limit of (TMTSF) ₂ ClO ₄ . Physical Review Letters, 1990, 64, 2054-2057.	7.8	44
43	Specific heat of pure and thoriated UBe ₁₃ at low temperatures in high magnetic fields. Physical Review B, 1989, 40, 9358-9361.	3.2	10
44	Hall effect, magnetoresistance, and critical fields of UBe ₁₃ thin films. Solid State Communications, 1989, 71, 773-777.	1.9	6
45	Percolating cermet thin-film thermistors between 50 mK and 300 K and 0 and 20 T. Journal of Applied Physics, 1988, 64, 4760-4762.	2.5	15
46	Computer-controlled, small sample ac calorimetry at low temperatures and in high magnetic fields. Review of Scientific Instruments, 1987, 58, 1743-1745.	1.3	10
47	Versatile Low Temperature and High Magnetic Field Thermometers: The Low Temperature Magneto Resistance of Thin Film Cermets. Japanese Journal of Applied Physics, 1987, 26, 1741.	1.5	2
48	Reduction of the Electronic Density of States of CePb ₃ at High Magnetic Fields and Low Temperatures. Japanese Journal of Applied Physics, 1987, 26, 541.	1.5	5
49	Precision Measurements of the Magnetoresistance of CePb ₃ , CePb _{2.97} and Ce ₆ La ₄ Pb ₃ at 50 mK. Japanese Journal of Applied Physics, 1987, 26, 543.	1.5	2
50	Magnetic-field induced metal-insulator transition in InSb and Hg _{0.79} Cd _{0.21} Te at very low temperatures. Solid State Communications, 1986, 60, 817-820.	1.9	13