Nathanael A Fortune

List of Publications by Year
in descending order

50	1,002	686830 13	414034 32
papers	citations	h-index	g-index

54	54	54	882
all docs	docs citations	times ranked	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.	0.7	2
2	Evolution of magnetic field induced ordering in the layered quantum Heisenberg triangular-lattice antiferromagnet Ba3CoSb2O9. Physical Review B, 2021, 103, .	1.1	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.	0.3	3
4	Calorimetric Measurements of Magnetic-Field-Induced Inhomogeneous Superconductivity Above the Paramagnetic Limit. Physical Review Letters, 2017, 118, 267001.	2.9	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.	0.3	2
6	Magnetic-field-induced Heisenberg to XY crossover in a quasi-2D quantum antiferromagnet. Journal of Physics: Conference Series, 2014, 568, 042004.	0.3	7
7	Top-loading small-sample calorimeters for measurements as a function of magnetic field angle. Journal of Physics: Conference Series, 2014, 568, 032008.	0.3	5
8	Magnetic-Field Induced Quantum Phase Transitions in Triangular-Lattice Antiferromagnets. Journal of Physics: Conference Series, 2011, 302, 012003.	0.3	8
9	Field-induced quantum phase transitions in the spin-1/2 triangular-lattice antiferromagnet Cs2CuBr4. Journal of Physics: Conference Series, 2010, 200, 022008.	0.3	0
10	Cascade of Magnetic-Field-Induced Quantum Phase Transitions in a Spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mfrac><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:math>Triangular-Lattice Antiferromagnet. Physical Review Letters, 2009, 102, 257201.	2.9	119
11	Fuldeâ€“Ferrellâ€“Larkinâ€“Ovchinnikov superconductivity in heavy fermion CeCoIn5. Physica B: Condensed Matter, 2006, 378-380, 343-346.	1.3	2
12	Magnetic enhancement of superconductivity. Nature, 2004, 427, 802-802.	13.7	6
13	Heat capacity cell for angular measurements in high magnetic fields. Physica B: Condensed Matter, 2003, 329-333, 1586-1587.	1.3	8
14	Magnetic enhancement of superconductivity from electron spin domains. Nature, 2003, 425, 51-55.	13.7	393
15	High magnetic field corrections to resistance thermometers for low temperature calorimetry. Review of Scientific Instruments, 2000, 71, 3825.	0.6	13
16	Field-dependence of the specific heat and magnetothermal effect for Î±-(BEDT-TTF)2KHg(SCN)4 in the density wave and high field ground states. Synthetic Metals, 1999, 103, 2078-2079.	2.1	7
17	Temperature dependence of the normal state specific heat of Îº-(BEDT-TTF)2Cu(NCS)2. Synthetic Metals, 1999, 103, 2080.	2.1	2
18	Physical dependence of the sensitivity and room-temperature stability of AuxGe1â^'x thin film resistive thermometers on annealing conditions. Review of Scientific Instruments, 1998, 69, 133-138.	0.6	8

#	Article	IF	Citations
19	Comment on â€œElectronic structure of insulating salts of theÎ²-(BEDT-TTF)2Xfamily studied by low-temperature specific-heat measurementsâ€• Physical Review B, 1997, 56, 949-950.	1.1	1
20	Video-microscopy-based study of molecular crystal growth modes. Synthetic Metals, 1997, 86, 1855-1856.	2.1	1
21	Structural and physical properties of the organic metal Ï„-(P-(S,S)-DMEDT-TTF)2(AuBr2)1(AuBr2)â^'0.75. Solid State Communications, 1995, 95, 211-215.	0.9	39
22	Conducting and superconducting salts based on BEDTTTF and on some unsymmetrical tetrachalcogenafulvalenes. Synthetic Metals, 1995, 70, 787-788.	2.1	18
23	Evolution of the fermi surface in metastable Î²L-(BEDT-TTF)2I3. Synthetic Metals, 1995, 70, 903-906.	2.1	2
24	Fermi surface dependence of the hall coefficient in quasi-2D molecular conductors. Synthetic Metals, 1995, 70, 1001-1004.	2.1	4
25	Evidence for a 20 K transition in Î²-(BEDT-TTF)2I3. Synthetic Metals, 1993, 56, 2246-2250.	2.1	2
26	Effect of Oxygen to the Transport Properties of Bi2Sr2CaCu2O8+Î´, YBa2Cu3O7â^'Î´ and Nd2â^'xCexCuO4â^'Î´. , 1993, , 101-106.		1
27	Hall Effect under Pressure in Low Dimensional Organic Superconductors. Japanese Journal of Applied Physics, 1993, 32, 306.	0.8	0
28	Competition between superconductivity and a new 20 K phase in Î²-(BEDT-TTF)2I3: Specific heat measurements. Physical Review Letters, 1992, 68, 2933-2936.	2.9	19
29	Influence of Magnetic Ordering on Transport Properties of Pr2â^'xCexCuO4. , 1992, , 93-96.		1
30	Electronic states and fermi surface in (BEDT-TTF)2X: Hall effect and magnetoresistance. Synthetic Metals, 1991, 42, 2163-2166.	2.1	3
31	Low temperature electronic states in (DMeO-DCNQI)2Cu under pressure at low temperature. Synthetic Metals, 1991, 42, 2487-2490.	2.1	1
32	Magneto-quantum oscillations of the specific heat in the Bechgaard salt (TMTSF)2ClO4. Synthetic Metals, 1991, 42, 1667-1670.	2.1	0
33	Calorimetric observation of the metal-insulator phase transition in Î±-(BEDT-TTF)2I3. Solid State Communications, 1991, 79, 265-269.	0.9	41
34	Activated carriers near the fermi level in epitaxial YBa2Cu3O7-Î´ films. Physica B: Condensed Matter, 1991, 169, 633-634.	1.3	4
35	Variation of carrier concentration in Nd1.85Ce0.15CuO4-Î´ by reduction. Physica B: Condensed Matter, 1991, 169, 635-636.	1.3	3
36	The effect of cerium doping and oxygen treatment of Nd2â^'xCexCuO4. Physica C: Superconductivity and Its Applications, 1991, 178, 437-444.	0.6	22

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37	Hall effect of the organic superconductors of (TMTSF)2X, (DMET)2X and (BEDT-TTF)2X. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2685-2686.	0.6	1
38	Hall effect and magnetic properties in Pr2â^'xCexCuO4. Physica C: Superconductivity and Its Applications, 1991, 185-189, 1277-1278.	0.6	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.	0.6	11
40	Systematic variation of transport and thermodynamic properties with degree of reduction inNd1.85Ce0.15CuO4â^'Î´. Physical Review B, 1991, 43, 12930-12934.	1.1	21
41	Temperature dependence of hall effect in Îº-(BEDT-TTF)2Cu(NCS)2. Solid State Communications, 1990, 76, 377-381.	0.9	58
42	Specific-heat study of the anomalous quantum limit of (TMTSF)2ClO4. Physical Review Letters, 1990, 64, 2054-2057.	2.9	44
43	Specific heat of pure and thoriatedUBe13at low temperatures in high magnetic fields. Physical Review B, 1989, 40, 9358-9361.	1.1	10
44	Hall effect, magnetoresistance, and critical fields of UBe13 thin films. Solid State Communications, 1989, 71, 773-777.	0.9	6
45	Percolating cermet thinâ€film thermistors between 50 mKâ€“300 K and 0â€“20 T. Journal of Applied Physics, 1988, 64, 4760-4762.	1.1	15
46	Computerâ€controlled, small sample ac calorimetry at low temperatures and in high magnetic fields. Review of Scientific Instruments, 1987, 58, 1743-1745.	0.6	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.	0.8	2
48	Reduction of the Electronic Density of States of CePb3at High Magnetic Fields and Low Temperatures. Japanese Journal of Applied Physics, 1987, 26, 541.	0.8	5
49	Precision Measurements of the Magnetoresistance of CePb3, CePb2.97and Ce.6La.4Pb3at 50 mk. Japanese Journal of Applied Physics, 1987, 26, 543.	0.8	2
50	Magnetic-field induced metal-insulator transition in InSb and Hg0.79Cd0.21Te at very low temperatures. Solid State Communications, 1986, 60, 817-820.	0.9	13