

Pve McClintock

List of Publications by Year in descending order

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54
papers

1,493
citations

377584

21
h-index

355658

38
g-index

54
all docs

54
docs citations

54
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic vibrational resonance in a Rayleigh-Plesset bubble oscillator. <i>Ultrasonics Sonochemistry</i> , 2021, 70, 105346.	3.8	13
2	Parametric vibrational resonance in a gyroscope driven by dual-frequency forces. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 387, 127040.	0.9	17
3	Reproducibility of LDF blood flow measurements: Dynamical characterization versus averaging. <i>Microvascular Research</i> , 2011, 82, 274-276.	1.1	17
4	Nonlinear dynamics of cardiovascular ageing. <i>Physics Reports</i> , 2010, 488, 51-110.	10.3	315
5	Low-frequency blood flow oscillations in congestive heart failure and after β -blockade treatment. <i>Microvascular Research</i> , 2008, 76, 224-232.	1.1	95
6	Role of Transdermal Potential Difference During Iontophoretic Drug Delivery. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1683-1685.	2.5	6
7	Delayed thermal relaxation of superfluid at mK temperatures. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 218-219.	1.3	0
8	Zero-dispersion phenomena in oscillatory systems. <i>Physics Reports</i> , 2003, 373, 247-408.	10.3	55
9	Decay of quantized vorticity in superfluid 4He at mK temperatures. <i>Physica B: Condensed Matter</i> , 2000, 280, 43-44.	1.3	99
10	Resonant rectification of fluctuations in a Brownian ratchet. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 273, 316-321.	0.9	29
11	Stochastic resonance in electrical circuits. II. Nonconventional stochastic resonance. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 1999, 46, 1215-1224.	2.3	25
12	Stochastic resonance in electrical circuits. I. Conventional stochastic resonance. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 1999, 46, 1205-1214.	2.3	75
13	High-frequency stochastic resonance in SQUIDs. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1996, 220, 219-223.	0.9	30
14	Chapter 1 The Landau critical velocity. <i>Progress in Low Temperature Physics</i> , 1995, , 1-68.	0.2	11
15	Cosmological experiments in liquid 4He: status and prospects. <i>Physica B: Condensed Matter</i> , 1995, 210, 209-214.	1.3	4
16	Noise-induced linearisation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1994, 193, 61-66.	0.9	33
17	Vortex creation in a fast adiabatic expansion through the lambda transition. <i>Physica B: Condensed Matter</i> , 1994, 194-196, 711-712.	1.3	0
18	Power spectra of noise-driven nonlinear systems and stochastic resonance. <i>Physica D: Nonlinear Phenomena</i> , 1992, 58, 10-30.	1.3	16

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19	Pressure dependence of vortex tunneling in He II. <i>Physica B: Condensed Matter</i> , 1990, 165-166, 757-758.	1.3	0
20	Continuous flow apparatus for preparing isotopically pure 4He. <i>Cryogenics</i> , 1987, 27, 131-138.	0.9	84
21	Branch selection in the presence of coloured noise. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1986, 114, 68-74.	0.9	13
22	Observation of symmetry breaking, state selection and sensitivity in a noisy electronic system. <i>Physica D: Nonlinear Phenomena</i> , 1986, 21, 296-306.	1.3	16
23	STOCHASTIC POSTPONEMENT OF CRITICAL ONSETS IN A BISTABLE SYSTEM. , 1986, , 137-140.		1
24	CORRELATION TIMES IN THE CUBIC BISTABLE SYSTEM. , 1986, , 141-144.		0
25	Branch selectivity at the bifurcation of a bistable system with external noise. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1985, 112, 293-296.	0.9	14
26	Further experimental evidence pertaining to the applicability of the Ito and Stratonovic stochastic calculi to real physical systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1985, 107, 367-370.	0.9	9
27	4He isotopic purification in continuous flow. <i>Cryogenics</i> , 1985, 25, 526-527.	0.9	8
28	The effect of strong electric fields on exotic negative ions in He II: Possible evidence for the nucleation of charged vortex rings. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1984, 102, 197-200.	0.9	58
29	Ions in superfluid helium. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1984, 127, 300-305.	0.9	2
30	Ito versus stratonovich revisited. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1983, 97, 95-98.	0.9	46
31	Helium-4 isotopic purification without a superleak. <i>Cryogenics</i> , 1982, 22, 373-374.	0.9	4
32	Free particle dynamics of negative ions in the mechanical vacuum of He II. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1982, 89, 414-416.	0.9	2
33	Search for single-roton emission from negative ions in HeII. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1981, 107, 569-570.	0.9	3
34	Roton assisted vortex nucleation in isotopically pure superfluid 4He1. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1981, 107, 571-572.	0.9	0
35	Profound influence of isotopic impurities on vortex nucleation in HeII. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1981, 107, 573-574.	0.9	1
36	Observation of the storage of ultra-cold neutrons in liquid helium. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1981, 107, 587-588.	0.9	1

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37	A continuous flow helium isotopic separation cryostat. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1981, 107, 597-598.	0.9	1
38	A roton-driven mechanism for nucleation of negatively charged vortex rings in isotopically pure superfluid ^4He . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1980, 76, 303-305.	0.9	4
39	Measurement of the Landau velocity in He II. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1980, 78, 358-360.	0.9	34
40	Optimal positioning of field emitters for ion injection in liquid helium. <i>Cryogenics</i> , 1979, 19, 535-536.	0.9	31
41	A note on the purity of liquid helium-4. <i>Cryogenics</i> , 1979, 19, 682-683.	0.9	7
42	An apparatus for preparing isotopically pure ^4He . <i>Cryogenics</i> , 1978, 18, 201-208.	0.9	55
43	Preparation of isotopically pure superfluid ^4He suitable for constructing a high density neutron source. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1977, 64, 205-207.	0.9	4
44	Isotopic purification of ^4He . <i>Cryogenics</i> , 1976, 16, 733-734.	0.9	14
45	Field emission in a liquid ^3He - ^4He solution. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1976, 56, 199-200.	0.9	2
46	Anomalous roton-induced drag on negative ions in He II. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1975, 54, 385-386.	0.9	27
47	Size effects in superfluid field emission. <i>Cryogenics</i> , 1974, 14, 650-653.	0.9	32
48	Angular variation of current from field-emission and field-ionization sources in liquid helium. <i>Cryogenics</i> , 1973, 13, 371-373.	0.9	39
49	A new technique for stimulating ultraviolet luminescence of liquid helium. <i>Cryogenics</i> , 1973, 13, 556-558.	0.9	4
50	Evidence for roton creation in a superfluid field emission diode near 0.5 K. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1973, 46, 109-110.	0.9	41
51	Field emission and field ionisation in liquid helium under pressure. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1973, 43, 257-258.	0.9	29
52	Evidence for gaseous corona discharge at fine points in liquid helium. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1971, 34, 424-425.	0.9	10
53	Field-emission and field-ionisation in liquid ^3He . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1971, 35, 211-212.	0.9	5
54	Field emission in liquid helium. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1969, 29, 453-454.	0.9	52