

# Itzhak Roditi

## List of Publications by Year in descending order

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132  
papers

3,080  
citations

182225

30  
h-index

223390

49  
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132  
all docs

132  
docs citations

132  
times ranked

2993  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | $\hat{\rho}$ -Variational autoencoder as an entanglement classifier. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 417, 127697.   | 0.9 | 3         |
| 2  | An exact solution method for the enumeration of connected Feynman diagrams. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 245203.  | 0.7 | 1         |
| 3  | A recursive enumeration of connected Feynman diagrams with an arbitrary number of external legs in the fermionic non-relativistic interacting gas. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 345401. | 0.7 | 4         |
| 4  | Entanglement between two spatially separated ultracold interacting Fermi gases. Physical Review A, 2019, 99, .   | 1.0 | 12        |
| 5  | Molecular interferometers: effects of Pauli principle on entangled-enhanced precision measurements. New Journal of Physics, 2019, 21, 123011.  | 1.2 | 0         |
| 6  | Intrinsic bounds of a two-qudit random evolution. Physical Review A, 2018, 97, .   | 1.0 | 3         |
| 7  | A combinatorial matrix approach for the generation of vacuum Feynman graphs multiplicities in $\phi^4$ theory. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 395202.                                     | 0.7 | 3         |
| 8  | Composite-boson approach to molecular Bose-Einstein condensates in mixtures of ultracold Fermi gases. Physical Review A, 2017, 95, .   | 1.0 | 10        |
| 9  | Metastability of Bose and Fermi gases on the upper branch. Physical Review A, 2016, 94, .  | 1.0 | 0         |
| 10 | Experimental realization of the Yang-Baxter Equation via NMR interferometry. Scientific Reports, 2016, 6, 20789.   | 1.6 | 23        |
| 11 | High Resolution non-Markovianity in NMR. Scientific Reports, 2016, 6, 33945.   | 1.6 | 31        |
| 12 | Spin Squeezing in a Quadrupolar Nuclei NMR System. Physical Review Letters, 2015, 114, 043604.   | 2.9 | 46        |
| 13 | Variational approach to thermal masses in compactified models. Journal of High Energy Physics, 2015, 2015, 1.  | 1.6 | 0         |
| 14 | Bethe states for the two-site Bose-Hubbard model: A binomial approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 746, 186-189.   | 1.5 | 4         |
| 15 | Virial coefficients for trapped Bose and Fermi gases beyond the unitary limit: An $S$ -matrix approach. Physical Review A, 2014, 90, .   | 1.0 | 4         |
| 16 | A geometric wave function for a few interacting bosons in a harmonic trap. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1065-1070.  | 0.9 | 22        |
| 17 | A bosonic multi-state two-well model. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 265206.  | 0.7 | 2         |
| 18 | Classical bifurcation in a quadrupolar NMR system. Physical Review A, 2013, 87, .  | 1.0 | 23        |

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|----|--|-----|-----------|
| 19 | Spontaneous symmetry restoration in a field theory at finite chemical potential in a toroidal topology. Physical Review D, 2012, 86, .   | 1.6 | 10        |
| 20 | Two interacting fermions in a one-dimensional harmonic trap: Matching the Bethe ansatz and variational approaches. Physical Review A, 2012, 86, .  | 1.0 | 19        |
| 21 | Quantum Bose and Fermi gases with large negative scattering length in the two-body matrix approximation. Physical Review A, 2012, 86, .  | 1.0 | 4         |
| 22 | First-order phase transition for a field theory at finite chemical potential in a toroidal topology. Europhysics Letters, 2012, 98, 41001.   | 0.7 | 5         |
| 23 | Quantum phase transitions in Bose-Einstein condensates from a Bethe ansatz perspective. Nuclear Physics B, 2012, 856, 698-715.   | 0.9 | 18        |
| 24 | Vacuum polarization for compactified QED <sub>4+1</sub> in a magnetic flux background. Physical Review A, 2010, 81, .  | 1.0 | 14        |
| 25 | Conventions spreading in open-ended systems. New Journal of Physics, 2009, 11, 023018.   | 1.2 | 12        |
| 26 | Classical and quantum analysis of a heterotriatomic molecular Bose-Einstein-condensate model. Physical Review A, 2009, 79, .   | 1.0 | 5         |
| 27 | Dual path integral representation for finite temperature quantum field theory. Physical Review D, 2008, 77, .  | 1.6 | 1         |
| 28 | EXISTENCE OF ASYMPTOTIC EXPANSIONS IN NONCOMMUTATIVE QUANTUM FIELD THEORIES. Reviews in Mathematical Physics, 2008, 20, 933-949.   | 0.7 | 1         |
| 29 | ASYMPTOTIC EXPANSIONS OF FEYNMAN AMPLITUDES IN A GENERIC COVARIANT GAUGE. International Journal of Modern Physics A, 2008, 23, 1089-1103.  | 0.5 | 2         |
| 30 | Exactly solvable models for tri-atomic molecular Bose-Einstein condensates. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 295003.  | 0.7 | 2         |
| 31 | Evolution of biodiversity and sympatric speciation through competition in a unimodal distribution of resources. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 378-386. | 1.2 | 12        |
| 32 | The Gaussian effective potential and stochastic partial differential equations. Physica A: Statistical Mechanics and Its Applications, 2007, 385, 137-147.                                 | 1.2 | 1         |
| 33 | Critical temperature for first-order phase transitions in confined systems. European Physical Journal B, 2007, 60, 353-362.  | 0.6 | 6         |
| 34 | Gauge fluctuations and transition temperature for superconducting wires. Physica A: Statistical Mechanics and Its Applications, 2006, 359, 455-468.  | 1.2 | 3         |
| 35 | First-order phase transitions in superconducting films: A Euclidean model. Physical Review B, 2006, 73, Vacuum polarization in   | 1.1 | 15        |
| 36 | matrix approximation. Physical Review A, 2012, 86, .   | 1.5 | 4         |

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|----|---|-----|-----------|
| 37 | Sharp gene pool transition in a population affected by phenotype-based selective hunting. European Physical Journal B, 2005, 45, 529-532.               | 0.6 | 4         |
| 38 | Gauge fluctuations in superconducting films. European Physical Journal B, 2004, 37, 515-522.  | 0.6 | 12        |
| 39 | Magnetization plateau and quantum phase transitions in a spin-orbital model. European Physical Journal B, 2004, 38, 535-539.                            | 0.6 | 4         |
| 40 | Exact solution and magnetic properties of an anisotropic spin ladder. European Physical Journal B, 2004, 41, 67-74.                                     | 0.6 | 4         |
| 41 | Scaling properties of the Penna model. European Physical Journal B, 2004, 42, 431-434.  | 0.6 | 7         |
| 42 | A minimal size for granular superconductors. Physica A: Statistical Mechanics and Its Applications, 2004, 331, 99-108.                                  | 1.2 | 3         |
| 43 | Quantum superalgebras at roots of unity and non-Abelian symmetries of integrable models. Journal of Physics A, 2002, 35, 5115-5137.                     | 1.6 | 2         |
| 44 | Exact solution for the Bariev model with boundary fields. Nuclear Physics B, 2001, 596, 525-547.  | 0.9 | 13        |
| 45 | Integrable open boundary conditions for the Bariev model of three coupled XY spin chains. Nuclear Physics B, 2001, 612, 461-478.                        | 0.9 | 4         |
| 46 | Quantum spin ladder systems associated with $su(2 2)$ . Journal of Physics A, 2001, 34, L25-L29.  | 1.6 | 9         |
| 47 | Integrable open supersymmetric U model with boundary impurity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 271, 198-206. | 0.9 | 1         |
| 48 | BETHE ANSATZ SOLUTION OF THE CLOSED ANISOTROPIC SUPERSYMMETRIC U MODEL WITH QUANTUM SUPERSYMMETRY. Modern Physics Letters A, 2000, 15, 133-143.         | 0.5 | 2         |
| 49 | Title is missing!. Modern Physics Letters A, 2000, 15, 133.   | 0.5 | 1         |
| 50 | Integrable systems and quantum groups. Brazilian Journal of Physics, 2000, 30, .  | 0.7 | 6         |
| 51 | New integrable model of correlated electrons with off-diagonal long-range order from $so(5)$ symmetry. Journal of Physics A, 1999, 32, L441-L445.       | 1.6 | 3         |
| 52 | A family of nonextensive entropies. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 246, 399-402.                            | 0.9 | 128       |
| 53 | Nonextensive thermostatics and deformed structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 242, 296-300.            | 0.9 | 19        |
| 54 | Integrable multiparametric quantum spin chains. Journal of Physics A, 1998, 31, 687-695.  | 1.6 | 20        |

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|----|---|-----|-----------|
| 55 | BETHE ANSATZ SOLUTION OF THE ANISOTROPIC CORRELATED ELECTRON MODEL ASSOCIATED WITH THE TEMPERLEYâ€“LIEB ALGEBRA. International Journal of Modern Physics A, 1998, 13, 4309-4324.                                      | 0.5 | 1         |
| 56 | Anisotropic Correlated Electron Model Associated with the Temperleyâ€“Lieb Algebra. Modern Physics Letters A, 1997, 12, 1035-1040.  | 0.5 | 5         |
| 57 | INTEGRABLE MULTIPARAMETRIC SU(N) CHAIN. Modern Physics Letters A, 1996, 11, 987-993.  | 0.5 | 6         |
| 58 | A DEFORMED BOSE-EINSTEIN GAS NEAR $q=1$ . Modern Physics Letters B, 1996, 10, 717-722.  | 1.0 | 1         |
| 59 | The role of the central element in the quantum algebra underlying the twisted XXZ chain. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 354, 389-395.                        | 1.5 | 3         |
| 60 | THE QUANTUM ALGEBRAIC STRUCTURE OF THE TWISTED XXZ CHAIN. Modern Physics Letters A, 1995, 10, 419-424.  | 0.5 | 8         |
| 61 | VIRIAL EXPANSION FOR AN $\hat{\mu}$ -DEFORMED SYSTEM. Modern Physics Letters B, 1995, 09, 607-610.  | 1.0 | 6         |
| 62 | $\hat{1}/2$ -DIMENSIONAL IDEAL QUANTUM $q$ -GAS: BOSE-EINSTEIN CONDENSATION AND $\hat{1}$ -POINT TRANSITION. International Journal of Modern Physics B, 1994, 08, 3281-3298.  | 1.0 | 7         |
| 63 | Deformed systems at finite temperature. Physica A: Statistical Mechanics and Its Applications, 1994, 206, 253-266.  | 1.2 | 6         |
| 64 | $\hat{1}$ -point transition in quantum $q$ -gases. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 188, 11-15.   | 0.9 | 49        |
| 65 | Production rate and decay lifetime measurements of $B^0$ mesons at LEP using $D^0$ and $D^+$ mesons. Zeitschrift für Physik C-Particles and Fields, 1994, 61, 407-419.  | 1.5 | 12        |
| 66 | A measurement of the tau lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 356-368.  | 1.5 | 17        |
| 67 | A measurement of the mean lifetimes of charged and neutral B-hadrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 312, 253-266.   | 1.5 | 15        |
| 68 | Measurement of $\hat{1}b$ production and lifetime in $Z^0$ hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 379-390.                                     | 1.5 | 26        |
| 69 | Determination of $\hat{1}S$ from the scaling violation in the fragmentation functions in $e^+e^-$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 408-424. | 1.5 | 41        |
| 70 | A study of $B^0 \rightarrow \bar{0}$ mixing using semileptonic decays of B hadrons produced from $Z^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 301, 145-154.        | 1.5 | 16        |
| 71 | Limits on the production of scalar leptoquarks from $Z^0$ decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 620-630.  | 1.5 | 29        |
| 72 | Measurement of inclusive production of light meson resonances in hadronic decays of the $Z^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 236-246.                 | 1.5 | 29        |

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|----|--|-----|-----------|
| 73 | A search for lepton flavour violation in $Z^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 247-256.   | 1.5 | 9         |
| 74 | Production of $\hat{b}$ and $\hat{b}$ correlations in the hadronic decays of the $Z^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 249-262.                             | 1.5 | 45        |
| 75 | The DELPHI Microvertex detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 328, 447-471.                                      | 0.7 | 71        |
| 76 | Measurement of the triple-gluon vertex from 4-jet events at LEP. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 357-368.   | 1.5 | 34        |
| 77 | Determination of $\alpha_s$ using the next-to-leading-log approximation of QCD. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 21-33.  | 1.5 | 29        |
| 78 | A measurement of $D$ meson production in $Z^0$ hadronic decays. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 533-545.  | 1.5 | 27        |
| 79 | A measurement of $B$ meson production and lifetime using $D^0 \rightarrow \hat{a}^0 \gamma$ events in $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1993, 57, 181-195.                                      | 1.5 | 29        |
| 80 | Determination of $\hat{b} \rightarrow s$ for $b$ quarks at the $Z^0$ resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 221-236.                                      | 1.5 | 19        |
| 81 | Search for $Z^0$ decays to two leptons and a charged particle-antiparticle pair. Nuclear Physics B, 1993, 403, 3-24.   | 0.9 | 7         |
| 82 | Determination of $\alpha_s$ in second order QCD from hadronic $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 55-73.  | 1.5 | 36        |
| 83 | Multiplicity dependence of mean transverse momentum in $e^+e^- \rightarrow \hat{a}^0$ annihilations at LEP energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 254-262. | 1.5 | 6         |
| 84 | A search for neutral Higgs particles in $Z^0$ decays. Nuclear Physics B, 1992, 373, 3-34.  | 0.9 | 38        |
| 85 | Multiplicity fluctuations in hadronic final states from the decay of the $Z^0$ . Nuclear Physics B, 1992, 386, 471-492.  | 0.9 | 23        |
| 86 | Evidence for $B_{S^0}$ meson production in $Z^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 289, 199-210.   | 1.5 | 38        |
| 87 | Measurement of the partial width of the $Z^0$ into $b\bar{b}$ final states using their semi-leptonic decays. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 47-61.   | 1.5 | 22        |
| 88 | Charged particle multiplicity distributions for fixed number of jets in $Z^0$ hadronic decays. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 63-75.   | 1.5 | 34        |
| 89 | Search for excited charged leptons in $Z^0$ decays. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 41-49.  | 1.5 | 16        |
| 90 | Study of final state photons in hadronic $Z^0$ decay and limits on new phenomena. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 555-565.  | 1.5 | 25        |

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|-----|--|-----|-----------|
| 91  | Measurement of the average lifetime of B hadrons. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 567-580.  | 1.5 | 18        |
| 92  | A study of the decays of tau leptons produced on the Z resonance at LEP. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 555-567.   | 1.5 | 29        |
| 93  | Bose-Einstein correlations in the hadronic decays of the Z <sup>0</sup> . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 286, 201-210.                                    | 1.5 | 69        |
| 94  | Searches for heavy neutrinos from Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 230-238.  | 1.5 | 22        |
| 95  | A measurement of $\sin^2\theta_W$ from the charge asymmetry of hadronic events at the Z <sup>0</sup> peak. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 371-382.   | 1.5 | 27        |
| 96  | Search for scalar leptoquarks from Z <sup>0</sup> decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 222-230.  | 1.5 | 22        |
| 97  | Production of strange particles in the hadronic decays of the Z <sup>0</sup> . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 275, 231-242.                               | 1.5 | 43        |
| 98  | Measurement of the Z <sup>0</sup> branching fraction to b quark pairs using the boosted sphericity product. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 383-393.  | 1.5 | 9         |
| 99  | A measurement of the b forward-backward asymmetry using the semileptonic decay into muons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 536-546.                   | 1.5 | 21        |
| 100 | Study of orientation of three-jet events in Z <sup>0</sup> hadronic decays using the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 498-506.        | 1.5 | 13        |
| 101 | Classification of the hadronic decays of the Z <sup>0</sup> into b and c quark pairs using a neural network. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 383-395. | 1.5 | 36        |
| 102 | Determination of Z <sup>0</sup> resonance parameters and couplings from its hadronic and leptonic decays. Nuclear Physics B, 1991, 367, 511-574.   | 0.9 | 65        |
| 103 | The DELPHI detector at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 303, 233-276.                                   | 0.7 | 398       |
| 104 | Charged particle multiplicity distributions in Z <sup>0</sup> hadronic decays. Zeitschrift für Physik C-Particles and Fields, 1991, 50, 185-194.   | 1.5 | 82        |
| 105 | Charged particle multiplicity distributions in restricted rapidity intervals in Z <sup>0</sup> hadronic decays. Zeitschrift für Physik C-Particles and Fields, 1991, 52, 271-281.                                  | 1.5 | 52        |
| 106 | Search for low mass Higgs bosons produced in Z <sup>0</sup> decays. Zeitschrift für Physik C-Particles and Fields, 1991, 51, 25-35.  | 1.5 | 17        |
| 107 | Experimental study of the triple-gluon vertex. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 466-476.   | 1.5 | 41        |
| 108 | The reaction $e^+e^- \rightarrow \tau^+\tau^- \hat{\tau}^3(\hat{\tau}^3)$ at Z <sup>0</sup> energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 268, 296-304.        | 1.5 | 32        |

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|-----|---|-----|-----------|
| 109 | A measurement of the lifetime of the tau lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 267, 422-430.  | 1.5 | 17        |
| 110 | A study of the reaction $e+e \rightarrow \hat{t} \hat{t}^* + \hat{1}/4 + \hat{1}/4$ around the Z0 pole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 260, 240-248. | 1.5 | 9         |
| 111 | Search for pair production of neutral Higgs bosons in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 276-288.  | 1.5 | 47        |
| 112 | A study of intermittency in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 137-147.   | 1.5 | 71        |
| 113 | Search for scalar quarks in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 148-156.  | 1.5 | 25        |
| 114 | A search for sleptons and gauginos in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 157-166.  | 1.5 | 61        |
| 115 | A comparison of jet production rates on the Z0 resonance to perturbative QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 167-176.                           | 1.5 | 63        |
| 116 | Measurement of the partial width of the decay of the Z0 into charm quark pairs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 140-148.                         | 1.5 | 20        |
| 117 | Energy-energy correlations in hadronic final states from Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 149-158.                                     | 1.5 | 40        |
| 118 | Study of the leptonic decays of the Z0 boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 425-434.   | 1.5 | 30        |
| 119 | A precise measurement of the Z resonance parameters through its hadronic decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 435-448.                        | 1.5 | 56        |
| 120 | Search for heavy charged scalars in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 449-458.  | 1.5 | 38        |
| 121 | Search for the t and b' quarks in hadronic decays of the Z0 boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 536-546.                                      | 1.5 | 18        |
| 122 | A new microstrip detector with double-sided readout. IEEE Transactions on Nuclear Science, 1990, 37, 1153-1161.   | 1.2 | 28        |
| 123 | Search for light neutral Higgs particles produced in Z0-decays. Nuclear Physics B, 1990, 342, 1-14.   | 0.9 | 50        |
| 124 | TWISTED VERTEX OPERATORS AND REPRESENTATIONS OF FINITE HEISENBERG GROUPS. International Journal of Modern Physics A, 1989, 04, 921-942.   | 0.5 | 4         |
| 125 | Potts model on Sierpinski carpets and their relation to hypercubic lattices of non-integer dimensionality. Journal of Physics A, 1987, 20, 6001-6012.   | 1.6 | 12        |
| 126 | Gaussian thermo field dynamics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 177, 85-88.   | 1.5 | 9         |



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|-----|---|-----|-----------|
| 127 | Scalar fields at finite temperature: The gaussian effective potential approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 169, 264-270. | 1.5 | 28        |
| 128 | Gaussian effective potential. III. $\bar{\psi}\psi$ theory and bound states. Physical Review D, 1986, 33, 2305-2315.  | 1.6 | 72        |
| 129 | A simpler version of the PMS application to perturbation theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 126, 481-482.                | 1.5 | 8         |
| 130 | A simple interpolation for high and low momentum transfers in QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 128, 445-447.              | 1.5 | 0         |
| 131 | Ground-state energy of three-body Coulomb systems through hyperspherical harmonics. Journal of Physics B: Atomic and Molecular Physics, 1981, 14, L161-L166.                          | 1.6 | 20        |
| 132 | Quantum-classical correspondence of a system of interacting bosons in a triple-well potential. Quantum - the Open Journal for Quantum Science, 0, 5, 563.                             | 0.0 | 6         |