

Eldad Bettelheim

List of Publications by Year in descending order

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28
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351
citing authors

#	ARTICLE	IF	CITATIONS
1	Entanglement spectrum in general free fermionic systems. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 135001.	2.1	1
2	Inverse Scattering Method Solves the Problem of Full Statistics of Nonstationary Heat Transfer in the Kipnis-Marchioro-Presutti Model. Physical Review Letters, 2022, 128, 130602.	7.8	26
3	Exact matrix elements of the field operator in the thermodynamic limit of the Lieb–Liniger model. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 385002.	2.1	0
4	The Whitham approach to the $c \rightarrow 0$ limit of the Lieb–Liniger model and generalized hydrodynamics. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 205204.	2.1	11
5	Viscous fingering in the presence of weak disorder. Mathematical Modelling of Natural Phenomena, 2020, 15, 2.	2.4	1
6	Derivation of one-particle semiclassical kinetic theory in the presence of non-Abelian Berry curvature. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 415303.	2.1	4
7	Towards a non-equilibrium Bethe ansatz for the Kondo model. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 165003.	2.1	6
8	Semi-classical analysis of the inner product of Bethe states. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 245401.	2.1	14
9	Integrable quantum hydrodynamics in two-dimensional phase space. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 505001.	2.1	2
10	Quantum Ripples Over a Semiclassical Shock. Physical Review Letters, 2012, 109, 260602.	7.8	44
11	Fermi edge resonances in non-equilibrium states of Fermi gases. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 282001.	2.1	4
12	Universal Fermi distribution of semiclassical nonequilibrium Fermi states. Physical Review B, 2011, 84, .	3.2	31
13	Gradient Catastrophe and Fermi-Edge Resonances in Fermi Gas. Physical Review Letters, 2011, 106, 166804.	7.8	6
14	Integrable hydrodynamics of Calogero–Sutherland model: bidirectional Benjamin–Ono equation. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 135201.	2.1	63
15	Allelic and Isotypic Light Chain Inclusion in Peripheral B Cells from Anti-DNA Antibody Transgenic C57BL/6 and BALB/c Mice. Journal of Immunology, 2008, 180, 3708-3718.	0.8	12
16	Quantum hydrodynamics and nonlinear differential equations for degenerate Fermi gas. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 392003.	2.1	24
17	Nonlinear dynamics of quantum systems and soliton theory. Journal of Physics A: Mathematical and Theoretical, 2007, 40, F193-F207.	2.1	29
18	Critical curves in conformally invariant statistical systems. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 2165-2195.	2.1	33

#	ARTICLE	IF	CITATIONS
19	Bubble break-off in Hele-Shaw flows singularities and integrable structures. Physica D: Nonlinear Phenomena, 2006, 219, 22-34.	2.8	26
20	Tip-splitting evolution in the idealized Saffman-Taylor problem. Journal of Physics A, 2006, 39, 1759-1765.	1.6	2
21	Nonlinear Quantum Shock Waves in Fractional Quantum Hall Edge States. Physical Review Letters, 2006, 97, 246401.	7.8	72
22	Orthogonality Catastrophe and Shock Waves in a Nonequilibrium Fermi Gas. Physical Review Letters, 2006, 97, 246402.	7.8	47
23	Singularities of the Hele-Shaw Flow and Shock Waves in Dispersive Media. Physical Review Letters, 2005, 95, 244504.	7.8	15
24	Stochastic Loewner Evolution for Conformal Field Theories with Lie Group Symmetries. Physical Review Letters, 2005, 95, 251601.	7.8	27
25	Harmonic Measure of Critical Curves. Physical Review Letters, 2005, 95, 170602.	7.8	18
26	Viscous Fingering and the Shape of an Electronic Droplet in the Quantum Hall Regime. Physical Review Letters, 2002, 88, 236801.	7.8	52
27	Quantum phase transitions in classical nonequilibrium processes. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 9, 600-608.	2.7	17
28	MICROSCOPIC SIMULATION OF REACTION-DIFFUSION PROCESSES AND APPLICATIONS OF POPULATION BIOLOGY AND PRODUCT MARKETING. , 2000, , 311-339.		0