

Laszlo Feher

List of Publications by Year in descending order

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93
papers

1,719
citations

304743

22
h-index

315739

38
g-index

94
all docs

94
docs citations

94
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	A note on quadratic Poisson brackets on $\mathfrak{gl}(n, \mathbb{R})$ related to Toda lattices. Letters in Mathematical Physics, 2022, 112, 1.	1.1	1
2	Bi-Hamiltonian structure of Sutherland models coupled to two $u(n)^*$ -valued spins from Poisson reduction. Nonlinearity, 2022, 35, 2971-3003.	1.4	1
3	Trigonometric Real Form of the Spin RS Model of Krichever and Zabrodin. Annales Henri Poincare, 2021, 22, 615-675.	1.7	5
4	A decoupling property of some Poisson structures on $\text{Mat}_n(\mathbb{C}) \times \text{Mat}_d(\mathbb{C})$ supporting $\text{GL}(n, \mathbb{C}) \times \text{GL}(d, \mathbb{C})$ Poisson-Lie symmetry. Journal of Mathematical Physics, 2021, 62, 033512.	1.1	1
5	Bi-Hamiltonian Structure of Spin Sutherland Models: The Holomorphic Case. Annales Henri Poincare, 2021, 22, 4063-4085.	1.7	3
6	Reduction of a bi-Hamiltonian hierarchy on $\mathbb{T}^*(\mathbb{U}(n))$ to spin Ruijsenaars-Sutherland models. Letters in Mathematical Physics, 2020, 110, 1057-1079.	1.1	4
7	Global Description of Action-Angle Duality for a Poisson-Lie Deformation of the Trigonometric BC_n Sutherland System. Annales Henri Poincare, 2019, 20, 1217-1262.	1.7	2
8	Bi-Hamiltonian structure of a dynamical system introduced by Braden and Hone. Nonlinearity, 2019, 32, 4377-4394.	1.4	6
9	Poisson-Lie analogues of spin Sutherland models. Nuclear Physics B, 2019, 949, 114807.	2.5	14
10	The full phase space of a model in the Calogero-Ruijsenaars family. Journal of Geometry and Physics, 2017, 115, 139-149.	1.4	9
11	The action-angle dual of an integrable Hamiltonian system of Ruijsenaars-Schneider-van Diejen type. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 314004.	2.1	11
12	Trigonometric and Elliptic Ruijsenaars-Schneider Systems on the Complex Projective Space. Letters in Mathematical Physics, 2016, 106, 1429-1449.	1.1	7
13	Generalized spin Sutherland systems revisited. Nuclear Physics B, 2015, 893, 236-256.	2.5	2
14	Equivalence of two sets of Hamiltonians associated with the rational Ruijsenaars-Schneider-van Diejen system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2685-2689.	2.1	2
15	On a Poisson-Lie deformation of the BC_n Sutherland system. Nuclear Physics B, 2015, 901, 85-114.	2.5	4
16	Duality between the trigonometric BC_n Sutherland system and a completed rational Ruijsenaars-Schneider-van Diejen system. Journal of Mathematical Physics, 2014, 55, 102704.	1.1	12
17	New compact forms of the trigonometric Ruijsenaars-Schneider system. Nuclear Physics B, 2014, 882, 97-127.	2.5	14
18	Action-angle map and duality for the open Toda lattice in the perspective of Hamiltonian reduction. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 2917-2921.	2.1	9

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19	An Application of the Reduction Method to Sutherland type Many-body Systems. , 2013, , 109-117.		2
20	The Ruijsenaars Self-Duality Map as a Mapping Class Symplectomorphism. Springer Proceedings in Mathematics and Statistics, 2013, , 423-437.	0.2	1
21	Self-duality of the compactified Ruijsenaarsâ€“Schneider system from quasi-Hamiltonian reduction. Nuclear Physics B, 2012, 860, 464-515.	2.5	32
22	Spectra of the quantized action variables of the compactified Ruijsenaars-Schneider system. Theoretical and Mathematical Physics(Russian Federation), 2012, 171, 704-714.	0.9	4
23	A Note on the Gauss Decomposition of the Elliptic Cauchy Matrix. Journal of Nonlinear Mathematical Physics, 2011, 18, 179.	1.3	1
24	An integrable $BC(n)$ Sutherland model with two types of particles. Journal of Mathematical Physics, 2011, 52, 103506.	1.1	2
25	Poisson-Lie Interpretation of Trigonometric Ruijsenaars Duality. Communications in Mathematical Physics, 2011, 301, 55-104.	2.2	36
26	On the superintegrability of the rational Ruijsenaarsâ€“Schneider model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 1913-1916.	2.1	8
27	DERIVATIONS OF THE TRIGONOMETRIC $BC_{n</sub>n</sub>$ SUTHERLAND MODEL BY QUANTUM HAMILTONIAN REDUCTION. Reviews in Mathematical Physics, 2010, 22, 699-732.	1.7	12
28	Trigonometric Sutherland systems and their Ruijsenaars duals from symplectic reduction. Journal of Mathematical Physics, 2010, 51, 103511.	1.1	18
29	On the duality between the hyperbolic Sutherland and the rational Ruijsenaarsâ€“Schneider models. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 185202.	2.1	28
30	Poissonâ€“Lie Generalization of the Kazhdanâ€“Kostantâ€“Sternberg Reduction. Letters in Mathematical Physics, 2009, 87, 125-138.	1.1	16
31	Hamiltonian reductions of free particles under polar actions of compact Lie groups. Theoretical and Mathematical Physics(Russian Federation), 2008, 155, 646-658.	0.9	9
32	On the self-adjointness of certain reduced laplace-beltrami operators. Reports on Mathematical Physics, 2008, 61, 163-170.	0.8	3
33	Twisted spin Sutherland models from quantum Hamiltonian reduction. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 194009.	2.1	8
34	A Class of Calogero Type Reductions of Free Motion on a Simple Lie Group. Letters in Mathematical Physics, 2007, 79, 263-277.	1.1	34
35	Spin Calogero models obtained from dynamical r-matrices and geodesic motion. Nuclear Physics B, 2006, 734, 304-325.	2.5	19
36	Spin Calogero models associated with Riemannian symmetric spaces of negative curvature. Nuclear Physics B, 2006, 751, 436-458.	2.5	16

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37	Inequivalent quantizations of the three-particle Calogero model constructed by separation of variables. Nuclear Physics B, 2005, 715, 713-757.	2.5	31
38	The non-Abelian momentum map for Poisson-Lie symmetries on the chiral WZNW phase space. International Mathematics Research Notices, 2004, 2004, 2611.	1.0	5
39	Poisson-Lie Dynamical r-matrices from Dirac Reduction. European Physical Journal D, 2004, 54, 1265-1273.	0.4	2
40	Stability Analysis of Some Integrable Euler Equations for $SO(n)$. Journal of Nonlinear Mathematical Physics, 2003, 10, 304.	1.3	12
41	Explicit description of twisted Wakimoto realizations of affine Lie algebras. Nuclear Physics B, 2003, 674, 509-532.	2.5	3
42	Generalizations of Felder's elliptic dynamical r-matrices associated with twisted loop algebras of self-dual Lie algebras. Nuclear Physics B, 2002, 621, 622-642.	2.5	9
43	Adler's "Kostant's" Symes systems as Lagrangian gauge theories. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 301, 58-64.	2.1	3
44	Dynamical r matrices and chiral WZNW phase space. Physics of Atomic Nuclei, 2002, 65, 1023-1027.	0.4	0
45	Title is missing!. Letters in Mathematical Physics, 2002, 62, 51-62.	1.1	9
46	On dynamical r-matrices obtained from Dirac reduction and their generalizations to affine Lie algebras. Journal of Physics A, 2001, 34, 7235-7248.	1.6	17
47	A note on a canonical dynamical r-matrix. Journal of Physics A, 2001, 34, 10949-10962.	1.6	5
48	Dynamical r-matrices on the affinizations of arbitrary self-dual Lie algebras. European Physical Journal D, 2001, 51, 1318-1324.	0.4	0
49	The chiral WZNW phase space as a quasi-Poisson space. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 277, 107-114.	2.1	4
50	On the classical r-matrix of the degenerate Calogero-Moser models. European Physical Journal D, 2000, 50, 59-64.	0.4	6
51	The non-dynamical r-matrices of the degenerate Calogero-Moser models. Journal of Physics A, 2000, 33, 7739-7759.	1.6	6
52	Classical Wakimoto realizations of chiral WZNW Bloch waves. Journal of Physics A, 2000, 33, 945-956.	1.6	2
53	Dromion Perturbation for the Davey-Stewartson-1 Equations. Journal of Nonlinear Mathematical Physics, 2000, 7, 411.	1.3	3
54	Chiral extensions of the WZNW phase space, Poisson's "Lie symmetries and groupoids. Nuclear Physics B, 2000, 568, 503-542.	2.5	26

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55	A Note on the Appearance of Self-Dual Yang-Mills Fields in Integrable Hierarchies. Journal of Nonlinear Mathematical Physics, 2000, 7, 423.	1.3	2
56	The chiral WZNW phase space and its Poisson-Lie groupoid. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 463, 83-92.	4.1	14
57	Wakimoto realizations of current and exchange algebras. European Physical Journal D, 1998, 48, 1325-1330.	0.4	0
58	Ghost systems: a vertex algebra point of view. Nuclear Physics B, 1998, 518, 669-688.	2.5	25
59	COADJOINT ORBITS OF THE VIRASORO ALGEBRA AND THE GLOBAL LIOUVILLE EQUATION. International Journal of Modern Physics A, 1998, 13, 315-362.	1.5	65
60	Nonstandard Drinfeld-Sokolov reduction. Journal of Physics A, 1998, 31, 5545-5563.	1.6	10
61	Extended matrix Gelfand - Dickey hierarchies: reduction to classical Lie algebras. Journal of Physics A, 1997, 30, 5815-5824.	1.6	0
62	Extensions of the matrix Gelfand-Dickey hierarchy from generalized Drinfeld-Sokolov reduction. Communications in Mathematical Physics, 1997, 183, 423-461.	2.2	21
63	Wakimoto Realizations of Current Algebras: An Explicit Construction. Communications in Mathematical Physics, 1997, 189, 759-793.	2.2	29
64	Regularization of Toda lattices by Hamiltonian reduction. Journal of Geometry and Physics, 1997, 21, 97-135.	1.4	9
65	AN EXPLICIT CONSTRUCTION OF WAKIMOTO REALIZATIONS OF CURRENT ALGEBRAS. Modern Physics Letters A, 1996, 11, 1999-2011.	1.2	10
66	Regular conjugacy classes in the Weyl group and integrable hierarchies. Journal of Physics A, 1996, 29, 1145-1145.	1.6	0
67	Regular conjugacy classes in the Weyl group and integrable hierarchies. Journal of Physics A, 1995, 28, 5843-5882.	1.6	32
68	Global Aspects of the WZNW Reduction to Toda Theories. Progress of Theoretical Physics Supplement, 1995, 118, 173-190.	0.1	20
69	On the completeness of the set of classical W-algebras obtained from DS reductions-algebras obtained from DS reductions. Communications in Mathematical Physics, 1994, 162, 399-431.	2.2	13
70	A class of \mathfrak{g} -algebras with infinitely generated classical limit. Nuclear Physics B, 1994, 420, 409-445.	2.5	24
71	Generalized Drinfeld-Sokolov reductions and KdV type hierarchies. Communications in Mathematical Physics, 1993, 154, 181-214.	2.2	50
72	The vacuum preserving Lie algebra of a classical W-algebra. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 275-281.	4.1	8

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73	On Hamiltonian reductions of the Wess-Zumino-Novikov-Witten theories. <i>Physics Reports</i> , 1992, 222, 1-64.	25.6	142
74	On the lagrangian realization of the WZNW reductions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 294, 209-216.	4.1	1
75	Rational versus polynomial character of W_n -algebras. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 283, 243-251.	4.1	4
76	Generalized Toda theories and W -algebras associated with integral gradings. <i>Annals of Physics</i> , 1992, 213, 1-20.	2.8	37
77	A new quantum deformation of $SL(3)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 257, 74-78.	4.1	6
78	Kepler-type dynamical symmetries of long-range monopole interactions. <i>Journal of Mathematical Physics</i> , 1990, 31, 202-211.	1.1	25
79	Classical r -matrix and exchange algebra in WZNW and Toda theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 244, 227-234.	4.1	53
80	Kac-Moody realization of $-$ algebras. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 244, 435-441.	4.1	53
81	Toda theory and W -algebra from a gauged WZNW point of view. <i>Annals of Physics</i> , 1990, 203, 76-136.	2.8	204
82	APPLICATIONS OF CHIRAL SUPERSYMMETRY FOR SPIN FIELDS IN SELF-DUAL BACKGROUNDS. <i>International Journal of Modern Physics A</i> , 1989, 04, 5277-5285.	1.5	11
83	Separating the dyon system. <i>Physical Review D</i> , 1989, 40, 666-669.	4.7	7
84	Monopoles and instantons from Berry's phase. <i>Journal of Mathematical Physics</i> , 1989, 30, 1727-1731.	1.1	12
85	Liouville and Toda theories as conformally reduced WZNW theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 227, 214-220.	4.1	136
86	Quantum jumps, geodesics, and the topological phase. <i>Physical Review D</i> , 1989, 39, 3194-3196.	4.7	18
87	$O(4,2)$ dynamical symmetry of the Kaluza-Klein monopole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 201, 481-486.	4.1	60
88	NON-RELATIVISTIC SCATTERING OF A SPIN-1/2 PARTICLE OFF A SELF-DUAL MONOPOLE. <i>Modern Physics Letters A</i> , 1988, 03, 1451-1460.	1.2	16
89	Monopole scattering spectrum from geometric quantisation. <i>Journal of Physics A</i> , 1988, 21, 2835-2837.	1.6	3
90	Conformal $O(3,2)$ symmetry of the two-dimensional inverse square potential. <i>Journal of Physics A</i> , 1988, 21, 375-378.	1.6	1

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91	The $O(3,1)$ symmetry problem of the charge-monopole interaction. Journal of Mathematical Physics, 1987, 28, 234-239.	1.1	14
92	Dynamical symmetry of monopole scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 183, 182-186.	4.1	57
93	Dynamical $O(4)$ symmetry in the asymptotic field of the Prasad-Sommerfield monopole. Journal of Physics A, 1986, 19, 1259-1270.	1.6	22