

Laszlo Feher

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92
papers

1,493
citations

21
h-index

35
g-index

94
ext. papers

1,553
ext. citations

2.4
avg, IF

4.46
L-index

#	Paper	IF	Citations
92	A note on quadratic Poisson brackets on $\mathfrak{gl}(n, \mathbb{R})$ related to Toda lattices. <i>Letters in Mathematical Physics</i> , 2022 , 112, 1	1.2	
91	A decoupling property of some Poisson structures on $\text{Mat}_n(\mathbb{C})$ supporting $\mathfrak{gl}(n, \mathbb{C})$ Poisson-Lie symmetry. <i>Journal of Mathematical Physics</i> , 2021 , 62, 033512	1.2	0
90	Trigonometric Real Form of the Spin RS Model of Krichever and Zabrodin. <i>Annales Henri Poincare</i> , 2021 , 22, 615-675	1.2	1
89	Reduction of a bi-Hamiltonian hierarchy on $(T^*\mathfrak{U}(n))$ to spin Ruijsenaars-Sutherland models. <i>Letters in Mathematical Physics</i> , 2020 , 110, 1057-1079	1.2	1
88	Global Description of Action-Angle Duality for a Poisson-Lie Deformation of the Trigonometric (\mathfrak{BC}_n) Sutherland System. <i>Annales Henri Poincare</i> , 2019 , 20, 1217-1262	1.2	2
87	Bi-Hamiltonian structure of a dynamical system introduced by Braden and Hone. <i>Nonlinearity</i> , 2019 , 32, 4377-4394	1.7	5
86	Poisson-Lie analogues of spin Sutherland models. <i>Nuclear Physics B</i> , 2019 , 949, 114807	2.8	5
85	The full phase space of a model in the Calogero-Ruijsenaars family. <i>Journal of Geometry and Physics</i> , 2017 , 115, 139-149	1.2	9
84	The action-angle dual of an integrable Hamiltonian system of Ruijsenaars-Schneider-van Diejen type. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017 , 50, 314004	2	9
83	Trigonometric and Elliptic Ruijsenaars-Schneider Systems on the Complex Projective Space. <i>Letters in Mathematical Physics</i> , 2016 , 106, 1429-1449	1.2	4
82	Generalized spin Sutherland systems revisited. <i>Nuclear Physics B</i> , 2015 , 893, 236-256	2.8	2
81	Equivalence of two sets of Hamiltonians associated with the rational \mathfrak{BC}_n Ruijsenaars-Schneider-van Diejen system. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2015 , 379, 2685-2689	2.3	2
80	On a Poisson-Lie deformation of the \mathfrak{BC}_n Sutherland system. <i>Nuclear Physics B</i> , 2015 , 901, 85-114	2.8	3
79	New compact forms of the trigonometric Ruijsenaars-Schneider system. <i>Nuclear Physics B</i> , 2014 , 882, 97-127	2.8	10
78	Duality between the trigonometric \mathfrak{BC}_n Sutherland system and a completed rational Ruijsenaars-Schneider-van Diejen system. <i>Journal of Mathematical Physics</i> , 2014 , 55, 102704	1.2	12
77	Action-angle map and duality for the open Toda lattice in the perspective of Hamiltonian reduction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2013 , 377, 2917-2921	2.3	8
76	An Application of the Reduction Method to Sutherland type Many-body Systems 2013 , 109-117		2

75	The Ruijsenaars Self-Duality Map as a Mapping Class Symplectomorphism. <i>Springer Proceedings in Mathematics and Statistics</i> , 2013 , 423-437	0.2	0
74	Self-duality of the compactified Ruijsenaars-Schneider system from quasi-Hamiltonian reduction. <i>Nuclear Physics B</i> , 2012 , 860, 464-515	2.8	28
73	Spectra of the quantized action variables of the compactified Ruijsenaars-Schneider system. <i>Theoretical and Mathematical Physics(Russian Federation)</i> , 2012 , 171, 704-714	0.7	3
72	Superintegrability of Rational Ruijsenaars-Schneider Systems and their Action-Angle Duals 2012 ,		3
71	An integrable BC(n) Sutherland model with two types of particles. <i>Journal of Mathematical Physics</i> , 2011 , 52, 103506	1.2	2
70	Poisson-Lie Interpretation of Trigonometric Ruijsenaars Duality. <i>Communications in Mathematical Physics</i> , 2011 , 301, 55-104	2	33
69	A Note on the Gauss Decomposition of the Elliptic Cauchy Matrix. <i>Journal of Nonlinear Mathematical Physics</i> , 2011 , 18, 179	0.9	1
68	DERIVATIONS OF THE TRIGONOMETRIC BC _n SUTHERLAND MODEL BY QUANTUM HAMILTONIAN REDUCTION. <i>Reviews in Mathematical Physics</i> , 2010 , 22, 699-732	1.2	10
67	Trigonometric Sutherland systems and their Ruijsenaars duals from symplectic reduction. <i>Journal of Mathematical Physics</i> , 2010 , 51, 103511	1.2	14
66	On the superintegrability of the rational Ruijsenaars-Schneider model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2010 , 374, 1913-1916	2.3	6
65	On the duality between the hyperbolic Sutherland and the rational Ruijsenaars-Schneider models. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009 , 42, 185202	2	25
64	Poisson-Lie Generalization of the Kazhdan-Kostant-Sternberg Reduction. <i>Letters in Mathematical Physics</i> , 2009 , 87, 125-138	1.2	14
63	On the self-adjointness of certain reduced laplace-beltrami operators. <i>Reports on Mathematical Physics</i> , 2008 , 61, 163-170	0.8	2
62	Twisted spin Sutherland models from quantum Hamiltonian reduction. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 194009	2	6
61	Hamiltonian reductions of free particles under polar actions of compact Lie groups. <i>Theoretical and Mathematical Physics(Russian Federation)</i> , 2008 , 155, 646-658	0.7	6
60	A Class of Calogero Type Reductions of Free Motion on a Simple Lie Group. <i>Letters in Mathematical Physics</i> , 2007 , 79, 263-277	1.2	31
59	Spin Calogero models obtained from dynamical r-matrices and geodesic motion. <i>Nuclear Physics B</i> , 2006 , 734, 304-325	2.8	15
58	Spin Calogero models associated with Riemannian symmetric spaces of negative curvature. <i>Nuclear Physics B</i> , 2006 , 751, 436-458	2.8	12

57	Inequivalent quantizations of the three-particle Calogero model constructed by separation of variables. <i>Nuclear Physics B</i> , 2005 , 715, 713-757	2.8	29
56	The non-Abelian momentum map for Poisson-Lie symmetries on the chiral WZNW phase space. <i>International Mathematics Research Notices</i> , 2004 , 2004, 2611	0.8	3
55	Poisson-Lie Dynamical r-matrices from Dirac Reduction. <i>European Physical Journal D</i> , 2004 , 54, 1265-1273		2
54	Stability Analysis of Some Integrable Euler Equations for $SO(n)$. <i>Journal of Nonlinear Mathematical Physics</i> , 2003 , 10, 304	0.9	12
53	Explicit description of twisted Wakimoto realizations of affine Lie algebras. <i>Nuclear Physics B</i> , 2003 , 674, 509-532	2.8	3
52	Adler-Kostant-Symes systems as Lagrangian gauge theories. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002 , 301, 58-64	2.3	2
51	Dynamical r matrices and chiral WZNW phase space. <i>Physics of Atomic Nuclei</i> , 2002 , 65, 1023-1027	0.4	
50	On a Poisson-Lie Analogue of the Classical Dynamical Yang-Baxter Equation for Self-dual Lie Algebras. <i>Letters in Mathematical Physics</i> , 2002 , 62, 51-62	1.2	5
49	Generalizations of Felder's elliptic dynamical r-matrices associated with twisted loop algebras of self-dual Lie algebras. <i>Nuclear Physics B</i> , 2002 , 621, 622-642	2.8	7
48	On dynamical r-matrices obtained from Dirac reduction and their generalizations to affine Lie algebras. <i>Journal of Physics A</i> , 2001 , 34, 7235-7248		13
47	A note on a canonical dynamical r-matrix. <i>Journal of Physics A</i> , 2001 , 34, 10949-10962		2
46	Dynamical r-matrices on the affinizations of arbitrary self-dual Lie algebras. <i>European Physical Journal D</i> , 2001 , 51, 1318-1324		
45	The chiral WZNW phase space as a quasi-Poisson space. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000 , 277, 107-114	2.3	4
44	On the classical r-matrix of the degenerate Calogero-Moser models. <i>European Physical Journal D</i> , 2000 , 50, 59-64		5
43	The non-dynamical r-matrices of the degenerate Calogero-Moser models. <i>Journal of Physics A</i> , 2000 , 33, 7739-7759		5
42	Classical Wakimoto realizations of chiral WZNW Bloch waves. <i>Journal of Physics A</i> , 2000 , 33, 945-956		2
41	Dromion Perturbation for the Davey-Stewartson-1 Equations. <i>Journal of Nonlinear Mathematical Physics</i> , 2000 , 7, 411	0.9	1
40	Chiral extensions of the WZNW phase space, Poisson-Lie symmetries and groupoids. <i>Nuclear Physics B</i> , 2000 , 568, 503-542	2.8	21

39	A Note on the Appearance of Self-Dual Yang-Mills Fields in Integrable Hierarchies. <i>Journal of Nonlinear Mathematical Physics</i> , 2000 , 7, 423	0.9	2
38	The chiral WZNW phase space and its Poisson-Lie groupoid. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999 , 463, 83-92	4.2	12
37	Wakimoto realizations of current and exchange algebras. <i>European Physical Journal D</i> , 1998 , 48, 1325-1330		
36	Ghost systems: a vertex algebra point of view. <i>Nuclear Physics B</i> , 1998 , 518, 669-688	2.8	22
35	COADJOINT ORBITS OF THE VIRASORO ALGEBRA AND THE GLOBAL LIOUVILLE EQUATION. <i>International Journal of Modern Physics A</i> , 1998 , 13, 315-362	1.2	54
34	Nonstandard Drinfeld-Sokolov reduction. <i>Journal of Physics A</i> , 1998 , 31, 5545-5563		9
33	Extended matrix Gelfand - Dickey hierarchies: reduction to classical Lie algebras. <i>Journal of Physics A</i> , 1997 , 30, 5815-5824		
32	Extensions of the matrix Gelfand-Dickey hierarchy from generalized Drinfeld-Sokolov reduction. <i>Communications in Mathematical Physics</i> , 1997 , 183, 423-461	2	21
31	Wakimoto Realizations of Current Algebras: An Explicit Construction. <i>Communications in Mathematical Physics</i> , 1997 , 189, 759-793	2	23
30	Regularization of Toda lattices by Hamiltonian reduction. <i>Journal of Geometry and Physics</i> , 1997 , 21, 97-135		8
29	AN EXPLICIT CONSTRUCTION OF WAKIMOTO REALIZATIONS OF CURRENT ALGEBRAS. <i>Modern Physics Letters A</i> , 1996 , 11, 1999-2011	1.3	8
28	Regular conjugacy classes in the Weyl group and integrable hierarchies. <i>Journal of Physics A</i> , 1995 , 28, 5843-5882		28
27	Global Aspects of the WZNW Reduction to Toda Theories. <i>Progress of Theoretical Physics Supplement</i> , 1995 , 118, 173-190		18
26	On the completeness of the set of classical W-algebras obtained from DS reductions-algebras obtained from DS reductions. <i>Communications in Mathematical Physics</i> , 1994 , 162, 399-431	2	12
25	A class of \mathfrak{g} -algebras with infinitely generated classical limit. <i>Nuclear Physics B</i> , 1994 , 420, 409-445	2.8	21
24	Generalized Drinfeld-Sokolov reductions and KdV type hierarchies. <i>Communications in Mathematical Physics</i> , 1993 , 154, 181-214	2	44
23	The vacuum preserving Lie algebra of a classical W-algebra. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 316, 275-281	4.2	7
22	On Hamiltonian reductions of the Wess-Zumino-Novikov-Witten theories. <i>Physics Reports</i> , 1992 , 222, 1-64	27.7	132

21	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	4.2	1
20	Rational versus polynomial character of W_{ln} -algebras. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 283, 243-251	4.2	4
19	Generalized Toda theories and W-algebras associated with integral gradings. <i>Annals of Physics</i> , 1992 , 213, 1-20	2.5	31
18	A new quantum deformation of $SL(3)$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 257, 74-78	4.2	6
17	Kepler-type dynamical symmetries of long-range monopole interactions. <i>Journal of Mathematical Physics</i> , 1990 , 31, 202-211	1.2	24
16	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	4.2	45
15	Kac-Moody realization of \mathfrak{g} -algebras. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990 , 244, 435-441	4.2	51
14	Toda theory and W-algebra from a gauged WZNW point of view. <i>Annals of Physics</i> , 1990 , 203, 76-136	2.5	182
13	APPLICATIONS OF CHIRAL SUPERSYMMETRY FOR SPIN FIELDS IN SELF-DUAL BACKGROUNDS. <i>International Journal of Modern Physics A</i> , 1989 , 04, 5277-5285	1.2	11
12	Separating the dyon system. <i>Physical Review D</i> , 1989 , 40, 666-669	4.9	5
11	Monopoles and instantons from Berry's phase. <i>Journal of Mathematical Physics</i> , 1989 , 30, 1727-1731	1.2	12
10	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	4.2	122
9	Quantum jumps, geodesics, and the topological phase. <i>Physical Review D</i> , 1989 , 39, 3194-3196	4.9	15
8	$O(4,2)$ dynamical symmetry of the Kaluza-Klein monopole. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 201, 481-486	4.2	57
7	NON-RELATIVISTIC SCATTERING OF A SPIN-1/2 PARTICLE OFF A SELF-DUAL MONOPOLE. <i>Modern Physics Letters A</i> , 1988 , 03, 1451-1460	1.3	15
6	Monopole scattering spectrum from geometric quantisation. <i>Journal of Physics A</i> , 1988 , 21, 2835-2837		3
5	Conformal $O(3,2)$ symmetry of the two-dimensional inverse square potential. <i>Journal of Physics A</i> , 1988 , 21, 375-378		1
4	The $O(3,1)$ symmetry problem of the charge-monopole interaction. <i>Journal of Mathematical Physics</i> , 1987 , 28, 234-239	1.2	11

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| 3 | Dynamical symmetry of monopole scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 183, 182-186 | 4.2 | 53 |
| 2 | Dynamical $O(4)$ symmetry in the asymptotic field of the Prasad-Sommerfield monopole. <i>Journal of Physics A</i> , 1986 , 19, 1259-1270 | | 20 |
| 1 | Bi-Hamiltonian Structure of Spin Sutherland Models: The Holomorphic Case. <i>Annales Henri Poincaré</i> , 1 | 1.2 | 1 |