

Leo T Butler

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2484800/publications.pdf>

Version: 2024-02-01

23
papers

97
citations

1684188

5
h-index

1474206

9
g-index

23
all docs

23
docs citations

23
times ranked

33
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrable geodesic flows on n-step nilmanifolds. <i>Journal of Geometry and Physics</i> , 2000, 36, 315-323.	1.4	17
2	Invariant fibrations of geodesic flows. <i>Topology</i> , 2005, 44, 769-789.	0.3	14
3	New examples of integrable geodesic flows. <i>Asian Journal of Mathematics</i> , 2000, 4, 515-526.	0.3	12
4	Toda lattices and positive-entropy integrable systems. <i>Inventiones Mathematicae</i> , 2004, 158, 515-549.	2.5	6
5	Invariant Metrics on Nilmanifolds with Positive Topological Entropy. <i>Geometriae Dedicata</i> , 2003, 100, 173-185.	0.3	5
6	Zero entropy, non-integrable geodesic flows and a non-commutative rotation vector. <i>Transactions of the American Mathematical Society</i> , 2003, 355, 3641-3650.	0.9	5
7	Magnetic Flows on Sol-Manifolds: Dynamical and Symplectic Aspects. <i>Communications in Mathematical Physics</i> , 2008, 284, 187-202.	2.2	5
8	Positive-entropy geodesic flows on nilmanifolds. <i>Nonlinearity</i> , 2008, 21, 1423-1434.	1.4	5
9	Weak Liouville-Arnolâ€™s Theorems and Their Implications. <i>Communications in Mathematical Physics</i> , 2012, 315, 109-133.	2.2	5
10	The Maslov cocycle, smooth structures, and real-analytic complete integrability. <i>American Journal of Mathematics</i> , 2009, 131, 1311-1336.	1.1	4
11	Collective geodesic flows. <i>Annales De L'Institut Fourier</i> , 2003, 53, 265-308.	0.6	4
12	An optical Hamiltonian and obstructions to integrability. <i>Nonlinearity</i> , 2006, 19, 2123-2135.	1.4	3
13	Invariant tori for the NosÃ© thermostat near the high-temperature limit. <i>Nonlinearity</i> , 2016, 29, 3454-3463.	1.4	3
14	Integrable Hamiltonian flows with positive Lebesgue-measure entropy. <i>Ergodic Theory and Dynamical Systems</i> , 2003, 23, 1671-1690.	0.6	2
15	Positive-entropy integrable systems and the Toda lattice, II. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2010, 149, 491-538.	0.4	2
16	Positive-entropy Hamiltonian systems on Nilmanifolds via scattering. <i>Nonlinearity</i> , 2014, 27, 2479-2488.	1.4	2
17	NosÃ©-Thermostated Mechanical Systems on the n-Torus. <i>Archive for Rational Mechanics and Analysis</i> , 2018, 227, 855-867.	2.4	1
18	Horseshoes for Singly Thermostated Hamiltonians. <i>SIAM Journal on Applied Dynamical Systems</i> , 2020, 19, 2268-2285.	1.6	1

#	ARTICLE	IF	CITATIONS
19	Invariant tori for a class of singly thermostated Hamiltonians. Journal of Mathematical Physics, 2020, 61, 082702.	1.1	1
20	Manifolds of infinite topological type with integrable geodesic flows. Manuscripta Mathematica, 2005, 116, 99-113.	0.6	0
21	Smooth Structures on Eschenburg Spaces: Numerical Computations. Experimental Mathematics, 2012, 21, 57-64.	0.7	0
22	Horseshoes and invariant tori in cosmological models with a coupled field and non-zero curvature [*] . Classical and Quantum Gravity, 2020, 37, 195024.	4.0	0
23	Invariant tori for multi-dimensional integrable Hamiltonians coupled to a single thermostat. Nonlinearity, 2022, 35, 4659-4694.	1.4	0