

Laurent Niederman

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

170
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

64
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear stability around an elliptic equilibrium point in a Hamiltonian system. <i>Nonlinearity</i> , 1998, 11, 1465-1479.	1.4	47
2	Exponential stability for small perturbations of steep integrable Hamiltonian systems. <i>Ergodic Theory and Dynamical Systems</i> , 2004, 24, 593-608.	0.6	27
3	Prevalence of exponential stability among nearly integrable Hamiltonian systems. <i>Ergodic Theory and Dynamical Systems</i> , 2007, 27, 905.	0.6	25
4	Generic Nekhoroshev theory without small divisors. <i>Annales De L'Institut Fourier</i> , 2012, 62, 277-324.	0.6	16
5	Rigorous treatment of the averaging process for co-orbital motions in the planetary problem. <i>Computational and Applied Mathematics</i> , 2016, 35, 675-699.	1.3	13
6	Superexponential Stability of Quasi-Periodic Motion in Hamiltonian Systems. <i>Communications in Mathematical Physics</i> , 2017, 350, 361-386.	2.2	12
7	Super-exponential stability for generic real-analytic elliptic equilibrium points. <i>Advances in Mathematics</i> , 2020, 366, 107088.	1.1	11
8	On the Co-orbital Motion in the Three-Body Problem: Existence of Quasi-periodic Horseshoe-Shaped Orbits. <i>Communications in Mathematical Physics</i> , 2020, 377, 551-612.	2.2	10
9	Nekhoroshev estimates for steep real-analytic elliptic equilibrium points. <i>Nonlinearity</i> , 2020, 33, 1-33.	1.4	8
10	Generic super-exponential stability of elliptic equilibrium positions for symplectic vector fields. <i>Regular and Chaotic Dynamics</i> , 2013, 18, 719-731.	0.8	1