Laurent Niederman

List of Publications by Year
in descending order

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