Hayato Chiba

List of Publications by Year
in descending order

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15	327	933447 10	996975 15
papers	citations	h-index	g-index

15	15	15	174
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Hopf bifurcation in the Kuramoto-Daido model. Journal of Differential Equations, 2021, 280, 546-570.	2.2	1
2	Normal forms of Câˆž vector fields based on the renormalization group. Journal of Mathematical Physics, 2021, 62, 062703.	1.1	1
3	Bifurcations in the Kuramoto model on graphs. Chaos, 2018, 28, 073109.	2.5	26
4	A Center Manifold Reduction of the Kuramoto--Daido Model with a Phase-Lag. SIAM Journal on Applied Dynamical Systems, 2017, 16, 1235-1259.	1.6	2
5	The first, second and fourth PainlevÃ© equations on weighted projective spaces. Journal of Differential Equations, 2016, 260, 1263-1313.	2.2	14
6	A spectral theory of linear operators on rigged Hilbert spaces under analyticity conditions. Advances in Mathematics, 2015, 273, 324-379.	1.1	15
7	A proof of the Kuramoto conjecture for a bifurcation structure of the infinite-dimensional Kuramoto model. Ergodic Theory and Dynamical Systems, 2015, 35, 762-834.	0.6	55
8	Kovalevskaya exponents and the space of initial conditions of a quasi-homogeneous vector field. Journal of Differential Equations, 2015, 259, 7681-7716.	2.2	7
9	Periodic orbits and chaos in fastâ€“slow systems with Bogdanovâ€“Takens type fold points. Journal of Differential Equations, 2011, 250, 112-160.	2.2	21
10	Center manifold reduction for large populations of globally coupled phase oscillators. Chaos, 2011, 21, 043103.	2.5	45
11	Mixed-mode oscillations and chaos in a prey-predator system with dormancy of predators. Chaos, 2009, 19, 043121.	2.5	33
12	Stability of an -dimensional invariant torus in the Kuramoto model at small coupling. Physica D: Nonlinear Phenomena, 2009, 238, 1068-1081.	2.8	16
13	Extension and Unification of Singular Perturbation Methods for ODEs Based on the Renormalization Group Method. SIAM Journal on Applied Dynamical Systems, 2009, 8, 1066-1115.	1.6	39
14	C^1 Approximation of Vector Fields Based on the Renormalization Group Method. SIAM Journal on Applied Dynamical Systems, 2008, 7, 895-932.	1.6	32
15	Approximation of center manifolds on the renormalization group method. Journal of Mathematical Physics, 2008, 49, 102703.	1.1	20