Jiansheng Geng

List of Publications by Year
in descending order

38 papers	648 citations	687363 13 h-index	580821 25 g-index
38 all docs	38 docs citations	38 times ranked	74 citing authors

#	Article	IF	Citations
1	A KAM Theorem for Two Dimensional Completely Resonant Reversible Schrödinger Systems. Journal of Dynamics and Differential Equations, 2023, 35, 1611-1641.	1.9	1
2	Linearly stable KAM tori for higher dimensional Kirchhoff equations. Journal of Differential Equations, 2022, 315, 222-253.	2.2	3
3	Reducible KAM tori for two-dimensional nonlinear Schrödinger equations with explicit dependence on the spatial variable. Journal of Functional Analysis, 2022, 282, 109430.	1.4	3
4	Bounded Non-response Solutions with Liouvillean Forced Frequencies for Nonlinear Wave Equations. Journal of Dynamics and Differential Equations, 2021, 33, 2009-2046.	1.9	3
5	KAM theory for the reversible perturbations of 2D linear beam equations. Mathematische Zeitschrift, 2021, 297, 1693-1731.	0.9	7
6	KAM Tori for Completely Resonant Hamiltonian Derivative Beam Equations on $\mathbb{T}^2$. Journal of Dynamics and Differential Equations, 2021, 33, 525-547.	1.9	3
7	A KAM Theorem for Higher Dimensional Wave Equations Under Nonlocal Perturbation. Journal of Dynamics and Differential Equations, 2020, 32, 419-440.	1.9	6
8	Reducibility of Quasi-periodic Linear KdV Equation. Journal of Dynamics and Differential Equations, 2020, , 1.	1.9	1
9	Reducible KAM tori for higher dimensional wave equations under nonlocal and forced perturbation. Journal of Mathematical Physics, 2020, 61, .	1.1	1
10	KAM Tori for Higher Dimensional Quintic Beam Equation. Journal of Dynamics and Differential Equations, 2019, 31, 305-319.	1.9	1
11	Invariant tori for two-dimensional nonlinear Schrödinger equations with large forcing terms. Journal of Mathematical Physics, 2019, 60, 052703.	1.1	2
12	A KAM Theorem for Higher Dimensional Forced Nonlinear Schrödinger Equations. Journal of Dynamics and Differential Equations, 2018, 30, 979-1010.	1.9	5
13	An infinite dimensional KAM theorem with application to two dimensional completely resonant beam equation. Journal of Mathematical Physics, 2018, 59, 072702.	1.1	7
14	Invariant Tori of Full Dimension for Second KdV Equations with the External Parameters. Journal of Dynamics and Differential Equations, 2017, 29, 1325-1354.	1.9	5
15	Real Analytic Quasi-Periodic Solutions with More Diophantine Frequencies for Perturbed KdV Equations. Journal of Dynamics and Differential Equations, 2017, 29, 1103-1130.	1.9	4
16	Quasi-periodic response solutions in forced reversible systems with Liouvillean frequencies. Journal of Differential Equations, 2017, 263, 3894-3927.	2.2	19
17	Reducibility of one-dimensional quasi-periodic Schrödinger equations. Journal Des Mathematiques Pures Et Appliquees, 2015, 104, 436-453.	1.6	0
18	Localization in One-dimensional Quasi-periodic Nonlinear Systems. Geometric and Functional Analysis, 2014, 24, 116-158.	1.8	7

#	Article	IF	Citations
19	Almost Periodic Solutions of One Dimensional Schrödinger Equation with the External Parameters. Journal of Dynamics and Differential Equations, 2013, 25, 435-450.	1.9	16
20	A KAM Theorem for Higher Dimensional Nonlinear Schrödinger Equations. Journal of Dynamics and Differential Equations, 2013, 25, 451-476.	1.9	19
21	Lower dimensional invariant tori with prescribed frequency for the nonlinear Schrödinger equation. Nonlinear Analysis: Theory, Methods & Applications, 2013, 92, 30-46.	1.1	3
22	Quasi-periodic Solutions for One-Dimensional Nonlinear Lattice Schrödinger Equation with Tangent Potential. SIAM Journal on Mathematical Analysis, 2013, 45, 3651-3689.	1.9	3
23	Real analytic quasi-periodic solutions for the derivative nonlinear Schrödinger equations. Journal of Mathematical Physics, 2012, 53, 102702.	1.1	17
24	Invariant tori of full dimension for a nonlinear Schrödinger equation. Journal of Differential Equations, 2012, 252, 1-34.	2.2	15
25	Almost periodic solutions for a class of semilinear quantum harmonic oscillators. Discrete and Continuous Dynamical Systems, 2011, 31, 997-1015.	0.9	5
26	Linearly Stable Quasi-Periodic Breathers in a Class of Random Hamiltonian Systems. Journal of Dynamics and Differential Equations, 2011, 23, 961-997.	1.9	0
27	An infinite dimensional KAM theorem and its application to the two dimensional cubic Schrödinger equation. Advances in Mathematics, 2011, 226, 5361-5402.	1.1	94
28	Lower dimensional invariant tori with prescribed frequency for nonlinear wave equation. Journal of Differential Equations, 2010, 249, 2796-2821.	2.2	14
29	KAM tori for higher dimensional beam equation with a fixed constant potential. Science in China Series A: Mathematics, 2009, 52, 2007-2018.	0.5	12
30	Almost periodic solutions for a class of higher dimensional Schrödinger equations. Frontiers of Mathematics in China, 2009, 4, 463-482.	0.7	1
31	Quasi-periodic breathers in Hamiltonian networks of long-range coupling. Physica D: Nonlinear Phenomena, 2008, 237, 2866-2892.	2.8	10
32	Almost periodic solutions for a class of higher-dimensional beam equations. Nonlinearity, 2007, 20, 2499-2517.	1.4	18
33	A KAM theorem for Hamiltonian networks with long ranged couplings. Nonlinearity, 2007, 20, 1313-1342.	1.4	12
34	Quasi-periodic solutions in a nonlinear Schrödinger equation. Journal of Differential Equations, 2007, 233, 512-542.	2.2	58
35	A KAM Theorem for Hamiltonian Partial Differential Equations in Higher Dimensional Spaces. Communications in Mathematical Physics, 2006, 262, 343-372.	2.2	128
36	KAM tori for higher dimensional beam equations with constant potentials*. Nonlinearity, 2006, 19, 2405-2423.	1.4	56

#	ARTICLE	IF	CITATIONS
37	A KAM theorem for one dimensional Schrödinger equation with periodic boundary conditions. Journal of Differential Equations, 2005, 209, 1-56.	2.2	63
38	KAM tori of Hamiltonian perturbations of 1D linear beam equations. Journal of Mathematical Analysis and Applications, 2003, 277, 104-121.	1.0	26