

Jiansheng Geng

List of Publications by Year in descending order

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papers

648
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687363

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all docs

38
docs citations

38
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	A KAM Theorem for Hamiltonian Partial Differential Equations in Higher Dimensional Spaces. Communications in Mathematical Physics, 2006, 262, 343-372.	2.2	128
2	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
3	A KAM theorem for one dimensional Schrödinger equation with periodic boundary conditions. Journal of Differential Equations, 2005, 209, 1-56.	2.2	63
4	Quasi-periodic solutions in a nonlinear Schrödinger equation. Journal of Differential Equations, 2007, 233, 512-542.	2.2	58
5	KAM tori for higher dimensional beam equations with constant potentials*. Nonlinearity, 2006, 19, 2405-2423.	1.4	56
6	KAM tori of Hamiltonian perturbations of 1D linear beam equations. Journal of Mathematical Analysis and Applications, 2003, 277, 104-121.	1.0	26
7	A KAM Theorem for Higher Dimensional Nonlinear Schrödinger Equations. Journal of Dynamics and Differential Equations, 2013, 25, 451-476.	1.9	19
8	Quasi-periodic response solutions in forced reversible systems with Liouvillean frequencies. Journal of Differential Equations, 2017, 263, 3894-3927.	2.2	19
9	Almost periodic solutions for a class of higher-dimensional beam equations. Nonlinearity, 2007, 20, 2499-2517.	1.4	18
10	Real analytic quasi-periodic solutions for the derivative nonlinear Schrödinger equations. Journal of Mathematical Physics, 2012, 53, 102702.	1.1	17
11	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
12	Invariant tori of full dimension for a nonlinear Schrödinger equation. Journal of Differential Equations, 2012, 252, 1-34.	2.2	15
13	Lower dimensional invariant tori with prescribed frequency for nonlinear wave equation. Journal of Differential Equations, 2010, 249, 2796-2821.	2.2	14
14	A KAM theorem for Hamiltonian networks with long ranged couplings. Nonlinearity, 2007, 20, 1313-1342.	1.4	12
15	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
16	Quasi-periodic breathers in Hamiltonian networks of long-range coupling. Physica D: Nonlinear Phenomena, 2008, 237, 2866-2892.	2.8	10
17	Localization in One-dimensional Quasi-periodic Nonlinear Systems. Geometric and Functional Analysis, 2014, 24, 116-158.	1.8	7
18	An infinite dimensional KAM theorem with application to two dimensional completely resonant beam equation. Journal of Mathematical Physics, 2018, 59, 072702.	1.1	7

#	ARTICLE	IF	CITATIONS
19	KAM theory for the reversible perturbations of 2D linear beam equations. <i>Mathematische Zeitschrift</i> , 2021, 297, 1693-1731.	0.9	7
20	A KAM Theorem for Higher Dimensional Wave Equations Under Nonlocal Perturbation. <i>Journal of Dynamics and Differential Equations</i> , 2020, 32, 419-440.	1.9	6
21	Almost periodic solutions for a class of semilinear quantum harmonic oscillators. <i>Discrete and Continuous Dynamical Systems</i> , 2011, 31, 997-1015.	0.9	5
22	Invariant Tori of Full Dimension for Second KdV Equations with the External Parameters. <i>Journal of Dynamics and Differential Equations</i> , 2017, 29, 1325-1354.	1.9	5
23	A KAM Theorem for Higher Dimensional Forced Nonlinear Schrödinger Equations. <i>Journal of Dynamics and Differential Equations</i> , 2018, 30, 979-1010.	1.9	5
24	Real Analytic Quasi-Periodic Solutions with More Diophantine Frequencies for Perturbed KdV Equations. <i>Journal of Dynamics and Differential Equations</i> , 2017, 29, 1103-1130.	1.9	4
25	Lower dimensional invariant tori with prescribed frequency for the nonlinear Schrödinger equation. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2013, 92, 30-46.	1.1	3
26	Quasi-periodic Solutions for One-Dimensional Nonlinear Lattice Schrödinger Equation with Tangent Potential. <i>SIAM Journal on Mathematical Analysis</i> , 2013, 45, 3651-3689.	1.9	3
27	Bounded Non-response Solutions with Liouvillean Forced Frequencies for Nonlinear Wave Equations. <i>Journal of Dynamics and Differential Equations</i> , 2021, 33, 2009-2046.	1.9	3
28	KAM Tori for Completely Resonant Hamiltonian Derivative Beam Equations on \mathbb{T}^2 . <i>Journal of Dynamics and Differential Equations</i> , 2021, 33, 525-547.	1.9	3
29	Linearly stable KAM tori for higher dimensional Kirchhoff equations. <i>Journal of Differential Equations</i> , 2022, 315, 222-253.	2.2	3
30	Reducible KAM tori for two-dimensional nonlinear Schrödinger equations with explicit dependence on the spatial variable. <i>Journal of Functional Analysis</i> , 2022, 282, 109430.	1.4	3
31	Invariant tori for two-dimensional nonlinear Schrödinger equations with large forcing terms. <i>Journal of Mathematical Physics</i> , 2019, 60, 052703.	1.1	2
32	Almost periodic solutions for a class of higher dimensional Schrödinger equations. <i>Frontiers of Mathematics in China</i> , 2009, 4, 463-482.	0.7	1
33	KAM Tori for Higher Dimensional Quintic Beam Equation. <i>Journal of Dynamics and Differential Equations</i> , 2019, 31, 305-319.	1.9	1
34	Reducibility of Quasi-periodic Linear KdV Equation. <i>Journal of Dynamics and Differential Equations</i> , 2020, , 1.	1.9	1
35	Reducible KAM tori for higher dimensional wave equations under nonlocal and forced perturbation. <i>Journal of Mathematical Physics</i> , 2020, 61, .	1.1	1
36	A KAM Theorem for Two Dimensional Completely Resonant Reversible Schrödinger Systems. <i>Journal of Dynamics and Differential Equations</i> , 2023, 35, 1611-1641.	1.9	1

#	ARTICLE	IF	CITATIONS
37	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
38	Reducibility of one-dimensional quasi-periodic Schrödinger equations. Journal Des Mathematiques Pures Et Appliquees, 2015, 104, 436-453.	1.6	0