

Zhou Gang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10480466/publications.pdf>

Version: 2024-02-01

21
papers

265
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Relaxation of solitons in nonlinear Schrödinger equations with potential. <i>Advances in Mathematics</i> , 2007, 216, 443-490.	1.1	55
2	ASYMPTOTIC STABILITY OF NONLINEAR SCHRÖDINGER EQUATIONS WITH POTENTIAL. <i>Reviews in Mathematical Physics</i> , 2005, 17, 1143-1207.	1.7	33
3	Emission of Cherenkov radiation as a mechanism for Hamiltonian friction. <i>Advances in Mathematics</i> , 2014, 264, 183-235.	1.1	27
4	On soliton dynamics in nonlinear Schrödinger equations. <i>Geometric and Functional Analysis</i> , 2006, 16, 1377-1390.	1.8	21
5	Friction in a Model of Hamiltonian Dynamics. <i>Communications in Mathematical Physics</i> , 2012, 315, 401-444.	2.2	18
6	Neck Pinching Dynamics under Mean Curvature Flow. <i>Journal of Geometric Analysis</i> , 2009, 19, 36-80.	1.0	15
7	Universality in mean curvature flow neckpinches. <i>Duke Mathematical Journal</i> , 2015, 164, .	1.5	15
8	Some Hamiltonian models of friction. <i>Journal of Mathematical Physics</i> , 2011, 52, .	1.1	13
9	A non-linear adiabatic theorem for the one-dimensional Landau-Pekar equations. <i>Journal of Functional Analysis</i> , 2020, 279, 108631.	1.4	11
10	Blow-up in nonlinear heat equations. <i>Advances in Applied Mathematics</i> , 2008, 40, 433-481.	0.7	9
11	Ballistic motion of a tracer particle coupled to a Bose gas. <i>Advances in Mathematics</i> , 2014, 259, 252-268.	1.1	8
12	Equipartition of Mass in Nonlinear Schrödinger/Gross-Pitaevskii Equations. <i>Applied Mathematics Research EXpress</i> , 2011, 2011, 123-181.	1.0	7
13	Some Hamiltonian models of friction II. <i>Journal of Mathematical Physics</i> , 2012, 53, 103707.	1.1	7
14	Hamiltonian Dynamics of a Particle Interacting with a Wave Field. <i>Communications in Partial Differential Equations</i> , 2013, 38, 2155-2198.	2.2	7
15	Adiabatic theorem for the Gross-Pitaevskii equation. <i>Communications in Partial Differential Equations</i> , 2017, 42, 731-756.	2.2	7
16	Exponential Convergence to the Maxwell Distribution for Some Class of Boltzmann Equations. <i>Communications in Mathematical Physics</i> , 2012, 314, 525-554.	2.2	5
17	Sphere bundles with $1/4$ -pinched fiberwise metrics. <i>Transactions of the American Mathematical Society</i> , 2017, 369, 6613-6630.	0.9	3
18	On the Mean Convexity of a Space-and-Time Neighborhood of Generic Singularities Formed by Mean Curvature flow. <i>Journal of Geometric Analysis</i> , 2021, 31, 9819-9890.	1.0	2

#	ARTICLE	IF	CITATIONS
19	On the theory of slowing down gracefully. <i>Pramana - Journal of Physics</i> , 2012, 78, 865-874.	1.8	1
20	On the dynamics of formation of generic singularities of mean curvature flow. <i>Journal of Functional Analysis</i> , 2022, 282, 109458.	1.4	1
21	Exponential convergence to the Maxwell distribution of solutions of spatially inhomogeneous Boltzmann equations. <i>Reviews in Mathematical Physics</i> , 2020, 32, 2050001.	1.7	0