Andrea R Nahmod

List of Publications by Year
in descending order

24 papers	476 citations	687363 13 h-index	713466 21 g-index
25 all docs	25 docs citations	25 times ranked	141 citing authors

#	Article	IF	Citations
1	On Schrödinger maps. Communications on Pure and Applied Mathematics, 2003, 56, 114-151.	3.1	61
2	Invariant weighted Wiener measures and almost sure global well-posedness for the periodic derivative NLS. Journal of the European Mathematical Society, 2012, 14, 1275-1330.	1.4	60
3	Bilinear operators with non-smooth symbol, I. Journal of Fourier Analysis and Applications, 2001, 7, 435-467.	1.0	44
4	Almost Sure Existence of Global Weak Solutions for Supercritical Navier--Stokes Equations. SIAM Journal on Mathematical Analysis, 2013, 45, 3431-3452.	1.9	39
5	Absolute Continuity of Brownian Bridges Under Certain Gauge Transformations. Mathematical Research Letters, 2011, 18, 875-887.	0.5	30
6	Sobolev space estimates and symbolic calculus for bilinear pseudodifferential operators. Journal of Geometric Analysis, 2006, 16, 431-453.	1.0	29
7	Boundedness of Bilinear Operators with nonsmooth symbols. Mathematical Research Letters, 2000, 7, 767-778.	0.5	28
8	Almost sure well-posedness for the periodic 3D quintic nonlinear Schrödinger equation below the energy space. Journal of the European Mathematical Society, 2015, 17, 1687-1759.	1.4	22
9	The Cauchy problem for the hyperbolic–elliptic Ishimori system and Schrödinger maps. Nonlinearity, 2005, 18, 1987-2009.	1.4	20
10	L p -Boundedness for Time-Frequency Paraproducts, II. Journal of Fourier Analysis and Applications, 2002, 8, 109-172.	1.0	16
11	Modulation invariant bilinear T(1) theorem. Journal D'Analyse Mathematique, 2009, 109, 279-352.	0.8	15
12	Random tensors, propagation of randomness, and nonlinear dispersive equations. Inventiones Mathematicae, 2022, 228, 539-686.	2.5	14
13	Optimal Local Well-Posedness for the Periodic Derivative Nonlinear Schrödinger Equation. Communications in Mathematical Physics, 2021, 384, 1061-1107.	2.2	13
14	Hardy spaces and a Walsh model for bilinear cone operators. Transactions of the American Mathematical Society, 1999, 351, 3267-3300.	0.9	13
15	Bilinear paraproducts revisited. Mathematische Nachrichten, 2010, 283, 1257-1276.	0.8	10
16	Invariant Gibbs measure and global strong solutions for the Hartree NLS equation in dimension three. Journal of Mathematical Physics, 2021, 62, .	1.1	8
17	Randomness and Nonlinear Evolution Equations. Acta Mathematica Sinica, English Series, 2019, 35, 903-932.	0.6	7
18	A rigorous derivation of the Hamiltonian structure for the nonlinear Schrödinger equation. Advances in Mathematics, 2020, 365, 107054.	1.1	7

#	Article	IF	Citations
19	Almost critical well-posedness for nonlinear wave equations with $Q_{mu u}$ null forms in 2D. Mathematical Research Letters, 2014, 21, 313-332.	0.5	7
20	Global flows with invariant measures for the inviscid modified SQG equations. Stochastics and Partial Differential Equations: Analysis and Computations, 2018, 6, 184-210.	0.9	5
21	The Surface Quasi-geostrophic Equation With Random Diffusion. International Mathematics Research Notices, 2020, 2020, 9370-9385.	1.0	5
22	Almost sure boundedness of iterates for derivative nonlinear wave equations. Communications in Analysis and Geometry, 2020, 28, 943-977.	0.4	4
23	Equivariante and Self-similar Standing Waves for a Hamiltonian Hyperbolic-hyperbolic Spin-field System. SIAM Journal on Mathematical Analysis, 2014, 46, 3913-3956.	1.9	0
24	Poisson commuting energies for a system of infinitely many bosons. Advances in Mathematics, 2022, 406, 108525.	1.1	0