Luiz Gustavo Farah

List of Publications by Year
in descending order

25	458	759233 12	713466 21
papers	citations	h-index	g-index

25	25	25	129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global well-posedness and blow-up on the energy space for the inhomogeneous nonlinear SchrÃ¶dinger equation. Journal of Evolution Equations, 2016, 16, 193-208.	1.1	70
2	Local Solutions in Sobolev Spaces with Negative Indices for the â€œGoodâ€•Boussinesq Equation. Communications in Partial Differential Equations, 2009, 34, 52-73.	2.2	55
3	Scattering for the radial 3D cubic focusing inhomogeneous nonlinear SchrÃ¶dinger equation. Journal of Differential Equations, 2017, 262, 4175-4231.	2.2	46
4	A note on the 2D generalized Zakharovâ€“Kuznetsov equation: Local, global, and scattering results. Journal of Differential Equations, 2012, 253, 2558-2571.	2.2	45
5	On the periodic SchrÃ¶dingerâ€“Boussinesq system. Journal of Mathematical Analysis and Applications, 2010, 368, 330-349.	1.0	27
6	Scattering for the Radial Focusing Inhomogeneous NLS Equation in Higher Dimensions. Bulletin of the Brazilian Mathematical Society, 2020, 51, 449-512.	0.8	27
7	On the periodic â€œgoodâ€•Boussinesq equation. Proceedings of the American Mathematical Society, 2010, 138, 953-964.	0.8	25
8	Local well-posedness for the sixth-order Boussinesq equation. Journal of Mathematical Analysis and Applications, 2012, 385, 230-242.	1.0	22
9	Local solutions in Sobolev spaces and unconditional well-posedness for the generalized Boussinesq equation. Communications on Pure and Applied Analysis, 2009, 8, 1521-1539.	0.8	21
10	Global rough solutions to the critical generalized KdV equation. Journal of Differential Equations, 2010, 249, 1968-1985.	2.2	17
11	Large data asymptotic behaviour for the generalized Boussinesq equation. Nonlinearity, 2008, 21, 191-209.	1.4	16
12	Global existence and blow-up for the generalized sixth-order Boussinesq equation. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 4325-4338.	1.1	16
13	Global rough solutions to the cubic nonlinear Boussinesq equation. Journal of the London Mathematical Society, 2010, 81, 241-254.	1.0	12
14	Large data scattering for the defocusing supercritical generalized KdV equation. Communications in Partial Differential Equations, 2018, 43, 118-157.	2.2	9
15	Scattering for a 3D coupled nonlinear SchrÃ¶dinger system. Journal of Mathematical Physics, 2017, 58, .	1.1	7
16	On Well-Posedness and Concentration of Blow-Up Solutions for the Intercritical Inhomogeneous NLS Equation. Journal of Dynamics and Differential Equations, 2023, 35, 1337-1367.	1.9	7
17	On the wave operator for the generalized Boussinesq equation. Proceedings of the American Mathematical Society, 2012, 140, 3055-3066.	0.8	6
18	On well-posedness and wave operator for the gKdV equation. Bulletin Des Sciences Mathematiques, 2013, 137, 229-241.	1.0	6

#	Article	IF	Citations
19	Global well-posedness for low regularity data in the 2d modified Zakharov-Kuznetsov equation. Journal of Differential Equations, 2020, 268, 7962-7997.	2.2	6
20	Blow-up of radial solutions for the intercritical inhomogeneous NLS equation. Journal of Functional Analysis, 2021, 281, 109134.	1.4	6
21	Scattering below the ground state for the intercritical non-radial inhomogeneous NLS. Nonlinear Analysis: Real World Applications, 2022, 68, 103687.	1.7	5
22	Oscillatory integral estimates and global well-posedness for the 2D Boussinesq equation. Bulletin of the Brazilian Mathematical Society, 2012, 43, 655-679.	0.8	3
23	Nonlinear profile decomposition and the concentration phenomenon for supercritical generalized KDV equations. Indiana University Mathematics Journal, 2018, 67, 1857-1892.	0.9	2
24	On instability of solitons in the 2d cubic Zakharovâ€“Kuznetsov equation. Sao Paulo Journal of Mathematical Sciences, 2019, 13, 435-446.	0.4	2
25	Blow-up of non-radial solutions for the L ² critical inhomogeneous NLS equation. Nonlinearity, 2022, 35, 4426-4436.	1.4	0