

# Felipe Linares

## List of Publications by Year in descending order

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71  
papers

1,777  
citations

257450

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302126

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71  
all docs

71  
docs citations

71  
times ranked

457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Existence of Small Solutions for a Generalized Boussinesq Equation. Journal of Differential Equations, 1993, 106, 257-293.	2.2	133
2	Introduction to Nonlinear Dispersive Equations. Universitext, 2015, , .	0.2	85
3	Well-Posedness for the Two-Dimensional Modified Zakharov-Kuznetsov Equation. SIAM Journal on Mathematical Analysis, 2009, 41, 1323-1339.	1.9	82
4	The Cauchy problem for the 3D Zakharov-Kuznetsov equation. Discrete and Continuous Dynamical Systems, 2009, 24, 547-565.	0.9	73
5	Ill-posedness for the derivative Schrödinger and generalized Benjamin-Ono equations. Transactions of the American Mathematical Society, 2001, 353, 3649-3659.	0.9	71
6	Local and global well-posedness for the 2D generalized Zakharov-Kuznetsov equation. Journal of Functional Analysis, 2011, 260, 1060-1085.	1.4	67
7	Dispersive Perturbations of Burgers and Hyperbolic Equations I: Local Theory. SIAM Journal on Mathematical Analysis, 2014, 46, 1505-1537.	1.9	64
8	On the Davey-Stewartson systems. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 1993, 10, 523-548.	1.4	62
9	Local and global well-posedness for the Ostrovsky equation. Journal of Differential Equations, 2006, 222, 325-340.	2.2	58
10	On the Benney-Lin and Kawahara Equations. Journal of Mathematical Analysis and Applications, 1997, 211, 131-152.	1.0	53
11	Well-Posedness for the ZK Equation in a Cylinder and on the Background of a KdV Soliton. Communications in Partial Differential Equations, 2010, 35, 1674-1689.	2.2	51
12	The Cauchy Problem for the Euler-Poisson System and Derivation of the Zakharov-Kuznetsov Equation. Progress in Nonlinear Differential Equations and Their Application, 2013, , 181-213.	0.9	46
13	Asymptotic behavior of solutions of a generalized Boussinesq type equation. Nonlinear Analysis: Theory, Methods & Applications, 1995, 25, 1147-1158.	1.1	45
14	Well-posedness for the Schrödinger-Korteweg-de Vries system. Transactions of the American Mathematical Society, 2007, 359, 4089-4107.	0.9	45
15	A note on the 2D generalized Zakharov-Kuznetsov equation: Local, global, and scattering results. Journal of Differential Equations, 2012, 253, 2558-2571.	2.2	45
16	On Whitham and Related Equations. Studies in Applied Mathematics, 2018, 140, 133-177.	2.4	44
17	On the exponential decay of the critical generalized Korteweg-de Vries equation with localized damping. Proceedings of the American Mathematical Society, 2007, 135, 1515-1523.	0.8	43
18	L2Global Well-Posedness of the Initial Value Problem Associated to the Benjamin Equation. Journal of Differential Equations, 1999, 152, 377-393.	2.2	32

#	ARTICLE	IF	CITATIONS
19	The IVP for the Benjamin-Ono equation in weighted Sobolev spaces II. Journal of Functional Analysis, 2012, 262, 2031-2049.	1.4	32
20	Scaling, stability and singularities for nonlinear, dispersive wave equations: the critical case. Nonlinearity, 2002, 15, 759-786.	1.4	31
21	Global well-posedness for the modified Korteweg-de Vries equation. Communications in Partial Differential Equations, 1999, 24, 683-705.	2.2	30
22	Asymptotic behavior of the Korteweg-de Vries equation posed in a quarter plane. Journal of Differential Equations, 2009, 246, 1342-1353.	2.2	30
23	The IVP for the dispersion generalized Benjamin-Ono equation in weighted Sobolev spaces. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2013, 30, 763-790.	1.4	27
24	On the Propagation of Regularity and Decay of Solutions to the $k$ -Generalized Korteweg-de Vries Equation. Communications in Partial Differential Equations, 2015, 40, 1336-1364.	2.2	27
25	Unique continuation properties for solutions to the Camassa-Holm equation and related models. Proceedings of the American Mathematical Society, 2020, 148, 3871-3879.	0.8	24
26	Global existence for the critical generalized KdV equation. Proceedings of the American Mathematical Society, 2002, 131, 1847-1855.	0.8	22
27	On the propagation of regularities in solutions of the Benjamin-Ono equation. Journal of Functional Analysis, 2016, 270, 976-1000.	1.4	22
28	Well-Posedness of Strongly Dispersive Two-Dimensional Surface Wave Boussinesq Systems. SIAM Journal on Mathematical Analysis, 2012, 44, 4195-4221.	1.9	21
29	The supercritical generalized KdV equation: Global well-posedness in the energy space and below. Mathematical Research Letters, 2011, 18, 357-377.	0.5	20
30	On the Cauchy problem for a coupled system of KdV equations. Communications on Pure and Applied Analysis, 2004, 3, 417-431.	0.8	19
31	Control and stabilization of the Benjamin-Ono equation on a periodic domain. Transactions of the American Mathematical Society, 2015, 367, 4595-4626.	0.9	19
32	On special regularity properties of solutions of the Zakharov-Kuznetsov equation. Communications on Pure and Applied Analysis, 2018, 17, 1561-1572.	0.8	19
33	On the controllability and stabilization of the linearized Benjamin-Ono equation. ESAIM - Control, Optimisation and Calculus of Variations, 2005, 11, 204-218.	1.3	18
34	On Decay Properties of Solutions of the $k$ -Generalized KdV Equation. Communications in Mathematical Physics, 2013, 324, 129-146.	2.2	18
35	On the regularity of solutions to a class of nonlinear dispersive equations. Mathematische Annalen, 2017, 369, 797-837.	1.4	18
36	The Cauchy Problem for the Fractional Kadomtsev-Petviashvili Equations. SIAM Journal on Mathematical Analysis, 2018, 50, 3172-3209.	1.9	18

#	ARTICLE	IF	CITATIONS
37	On the Smoothing Properties of Solutions to the Modified Korteweg-de Vries Equation. Journal of Differential Equations, 1993, 106, 141-154.	2.2	16
38	Decay properties for solutions of fifth order nonlinear dispersive equations. Journal of Differential Equations, 2015, 258, 764-795.	2.2	16
39	On persistence properties in fractional weighted spaces. Proceedings of the American Mathematical Society, 2015, 143, 5353-5367.	0.8	15
40	On the Propagation of Regularity of Solutions of the Kadomtsev–Petviashvili Equation. SIAM Journal on Mathematical Analysis, 2016, 48, 1006-1024.	1.9	15
41	On a Higher Dimensional Version of the Benjamin–Ono Equation. SIAM Journal on Mathematical Analysis, 2019, 51, 4544-4569.	1.9	15
42	Control and Stabilization of the Benjamin-Ono Equation in $L^2(\mathbb{T})$ . Archive for Rational Mechanics and Analysis, 2015, 218, 1531-1575.	2.4	14
43	On generalized Benjamin type equations. Discrete and Continuous Dynamical Systems, 2005, 12, 161-174.	0.9	14
44	Stability and symmetry of solitary-wave solutions to systems modeling interactions of long waves. Journal Des Mathematiques Pures Et Appliquees, 2000, 79, 195-226.	1.6	13
45	Well-posedness for a higher-order Benjamin–Ono equation. Journal of Differential Equations, 2011, 250, 450-475.	2.2	13
46	Periodic pulses of coupled nonlinear Schrödinger equations in optics. Indiana University Mathematics Journal, 2007, 56, 847-878.	0.9	12
47	Global rough solutions to the cubic nonlinear Boussinesq equation. Journal of the London Mathematical Society, 2010, 81, 241-254.	1.0	12
48	On the regularity of solutions to the $\beta$ -generalized Korteweg-de Vries equation. Proceedings of the American Mathematical Society, 2018, 146, 3759-3766.	0.8	11
49	Large data scattering for the defocusing supercritical generalized KdV equation. Communications in Partial Differential Equations, 2018, 43, 118-157.	2.2	9
50	On a class of solutions to the generalized KdV type equation. Communications in Contemporary Mathematics, 2019, 21, 1850056.	1.2	9
51	On a class of solutions to the generalized derivative Schrödinger equations II. Journal of Differential Equations, 2019, 267, 97-118.	2.2	9
52	Well-posedness Results for the Modified Zakharov-Kuznetsov Equation. , 2003, , 181-189.		8
53	On a Class of Solutions to the Generalized Derivative Schrödinger Equations. Acta Mathematica Sinica, English Series, 2019, 35, 1057-1073.	0.6	8
54	Benjamin–Ono Equation with Unbounded Data. Journal of Mathematical Analysis and Applications, 2000, 247, 426-447.	1.0	7

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55	On a Degenerate Zakharov System. Bulletin of the Brazilian Mathematical Society, 2005, 36, 1-23.	0.8	7
56	On the periodic Zakharov-Kuznetsov equation. Discrete and Continuous Dynamical Systems, 2019, 39, 3521-3533.	0.9	7
57	Uniqueness results for Zakharov-Kuznetsov equation. Communications in Partial Differential Equations, 2019, 44, 504-544.	2.2	6
58	Global Existence of Solutions of a Nonlinear Dispersive Model. Journal of Mathematical Analysis and Applications, 1995, 195, 797-808.	1.0	4
59	Dispersive blow-up and persistence properties for the Schrödinger-Korteweg-de Vries system. Nonlinearity, 2019, 32, 4996-5016.	1.4	4
60	Ill-posedness for the Zakharov system with generalized nonlinearity. Proceedings of the American Mathematical Society, 2003, 131, 3113-3121.	0.8	3
61	Asymptotic Behavior of Solutions of the Dispersion Generalized Benjamin-Ono Equation. Journal of Dynamics and Differential Equations, 2021, 33, 971-984.	1.9	3
62	Dispersive blow-up for solutions of the Zakharov-Kuznetsov equation. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2021, 38, 281-300.	1.4	3
63	Maximal Function Estimates and Local Well-Posedness for the Generalized Zakharov-Kuznetsov Equation. SIAM Journal on Mathematical Analysis, 2021, 53, 914-936.	1.9	3
64	The Cauchy problem for the $L^2$ -critical generalized Zakharov-Kuznetsov equation in dimension 3. Communications in Partial Differential Equations, 2021, 46, 1601-1627.	2.2	3
65	On Long Time Behavior of Solutions of the Schrödinger-Korteweg-de Vries System. SIAM Journal on Mathematical Analysis, 2021, 53, 3838-3855.	1.9	1
66	A NOTE ON SOLUTIONS TO A MODEL FOR LONG INTERNAL WAVES IN A ROTATING FLUID. Matematica Contemporanea, 2004, 27, .	0.0	1
67	Stability of solitary-wave solutions to long-wave equations with general dispersion. Matematica Contemporanea, 1998, 15, .	0.0	1
68	A remark on the well-posedness of a degenerated Zakharov system. Communications on Pure and Applied Analysis, 2015, 14, 1259-1274.	0.8	1
69	Opening note: third workshop on nonlinear dispersive equations, IMECC-UNICAMP, 2017. Sao Paulo Journal of Mathematical Sciences, 2019, 13, 381-382.	0.4	0
70	Existence of solutions for the surface electromigration equation. Nonlinearity, 2021, 34, 5213-5233.	1.4	0
71	A note on the blow-up of a nonlinear evolution equation with nonlocal coefficients. Matematica Contemporanea, 1996, 11, .	0.0	0