

Stefan Le Coz

List of Publications by Year in descending order

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17
papers

309
citations

1040056

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h-index

1058476

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g-index

17
all docs

17
docs citations

17
times ranked

141
citing authors

#	ARTICLE	IF	CITATIONS
1	Instability of bound states of a nonlinear Schrödinger equation with a Dirac potential. <i>Physica D: Nonlinear Phenomena</i> , 2008, 237, 1103-1128.	2.8	66
2	A Note on Berestycki-Cazenave's Classical Instability Result for Nonlinear Schrödinger Equations. <i>Advanced Nonlinear Studies</i> , 2008, 8, 455-463.	1.7	57
3	High-speed excited multi-solitons in nonlinear Schrödinger equations. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2011, 96, 135-166.	1.6	29
4	Minimal mass blow up solutions for a double power nonlinear Schrödinger equation. <i>Revista Matematica Iberoamericana</i> , 2016, 32, 795-833.	0.9	25
5	Multi-Solitary Waves for the Nonlinear Klein-Gordon Equation. <i>Communications in Partial Differential Equations</i> , 2014, 39, 1479-1522.	2.2	21
6	Instability for standing waves of nonlinear Klein-Gordon equations via mountain-pass arguments. <i>Transactions of the American Mathematical Society</i> , 2009, 361, 5401-5401.	0.9	19
7	Stability of Periodic Waves of 1D Cubic Nonlinear Schrödinger Equations. <i>Applied Mathematics Research EXpress</i> , 2017, 2017, 431-487.	1.0	19
8	Infinite soliton and kink-soliton trains for nonlinear Schrödinger equations. <i>Nonlinearity</i> , 2014, 27, 2689-2709.	1.4	13
9	Multi-speed solitary wave solutions for nonlinear Schrödinger systems. <i>Journal of the London Mathematical Society</i> , 2014, 89, 623-639.	1.0	12
10	Fast-moving finite and infinite trains of solitons for nonlinear Schrödinger equations. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2015, 145, 1251-1282.	1.2	11
11	Stability of multisolitons for the derivative nonlinear Schrödinger equation. <i>International Mathematics Research Notices</i> , 0, , .	1.0	9
12	Stability of the multi-solitons of the modified Korteweg-de Vries equation *. <i>Nonlinearity</i> , 2021, 34, 7109-7143.	1.4	6
13	On the Cauchy Problem and the Black Solitons of a Singularly Perturbed Gross-Pitaevskii Equation. <i>SIAM Journal on Mathematical Analysis</i> , 2017, 49, 1060-1099.	1.9	5
14	Multi-speed solitary waves of nonlinear Schrödinger systems: Theoretical and numerical analysis. <i>Communications in Mathematical Sciences</i> , 2016, 14, 1599-1624.	1.0	5
15	Numerical Simulations on Nonlinear Quantum Graphs with the GraFiDi Library. <i>SMAI Journal of Computational Mathematics</i> , 0, 8, 1-47.	0.0	5
16	Gradient flow approach to the calculation of stationary states on nonlinear quantum graphs. <i>Annales Henri Lebesgue</i> , 0, 5, 387-428.	0.0	5
17	On the stability of standing waves of Klein-Gordon equations in a semiclassical regime. <i>Discrete and Continuous Dynamical Systems</i> , 2013, 33, 2389-2401.	0.9	2