

Christopher Henderson

List of Publications by Year in descending order

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papers

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citations

1040056

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all docs

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docs citations

22
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#	ARTICLE	IF	CITATIONS
1	Thin Front Limit of an Integro-differential Fisher-KPP Equation with Fat-Tailed Kernels. SIAM Journal on Mathematical Analysis, 2018, 50, 3365-3394.	1.9	26
2	Smoothing for Weak Solutions of the Inhomogeneous Landau Equation. Archive for Rational Mechanics and Analysis, 2020, 236, 113-143.	2.4	24
3	The Bramson logarithmic delay in the cane toads equations. Quarterly of Applied Mathematics, 2017, 75, 599-634.	0.7	16
4	Local existence, lower mass bounds, and a new continuation criterion for the Landau equation. Journal of Differential Equations, 2019, 266, 1536-1577.	2.2	15
5	The Bramson delay in the non-local Fisher-KPP equation. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2020, 37, 51-77.	1.4	15
6	Propagation in a Fisher-KPP equation with non-local advection. Journal of Functional Analysis, 2020, 278, 108426.	1.4	12
7	Local well-posedness of the Boltzmann equation with polynomially decaying initial data. Kinetic and Related Models, 2020, 13, 837-867.	0.9	11
8	Propagation of solutions to the Fisher-KPP equation with slowly decaying initial data. Nonlinearity, 2016, 29, 3215-3240.	1.4	10
9	Population stabilization in branching Brownian motion with absorption and drift. Communications in Mathematical Sciences, 2016, 14, 973-985.	1.0	10
10	Influence of a mortality trade-off on the spreading rate of cane toads fronts. Communications in Partial Differential Equations, 2018, 43, 1627-1671.	2.2	7
11	Local solutions of the Landau equation with rough, slowly decaying initial data. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2020, 37, 1345-1377.	1.4	6
12	Pulsating Fronts in a 2D Reactive Boussinesq System. Communications in Partial Differential Equations, 2014, 39, 1555-1595.	2.2	5
13	Self-generating lower bounds and continuation for the Boltzmann equation. Calculus of Variations and Partial Differential Equations, 2020, 59, 1.	1.7	5
14	Non-local competition slows down front acceleration during dispersal evolution. Annales Henri Lebesgue, 0, 5, 1-71.	0.0	5
15	Super-linear spreading in local bistable cane toads equations. Nonlinearity, 2017, 30, 1356-1375.	1.4	4
16	The Speed of Traveling Waves in a FKPP-Burgers System. Archive for Rational Mechanics and Analysis, 2021, 241, 643-681.	2.4	3
17	Super-linear propagation for a general, local cane toads model. Interfaces and Free Boundaries, 2018, 20, 483-509.	0.8	2
18	Brownian fluctuations of flame fronts with small random advection. Mathematical Models and Methods in Applied Sciences, 2020, 30, 1375-1406.	3.3	2

#	ARTICLE	IF	CITATIONS
19	The Bramson delay in a Fisher-KPP equation with log-singular nonlinearity. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2021, 213, 112508.	1.1	1
20	The reactive-telegraph equation and a related kinetic model. <i>Nonlinear Differential Equations and Applications</i> , 2017, 24, 1.	0.8	0
21	Stability of vortex solutions to an extended Navier-Stokes system. <i>Communications in Mathematical Sciences</i> , 2016, 14, 1773-1797.	1.0	0
22	Local Well-Posedness for the Boltzmann Equation with Very Soft Potential and Polynomially Decaying Initial Data. <i>SIAM Journal on Mathematical Analysis</i> , 2022, 54, 2845-2875.	1.9	0