

# Alexander Dunlap

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2756092/publications.pdf>

Version: 2024-02-01

13  
papers

140  
citations

1478505

6  
h-index

1281871

11  
g-index

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all docs

13  
docs citations

13  
times ranked

32  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tightness of Liouville first passage percolation for $\gamma$ in $(0,2)$ . Publications Mathematiques De L'Institut Des Hautes Etudes Scientifiques, 2020, 132, 353-403.	4.3	36
2	Constructing a solution of the $(2+1)$ -dimensional KPZ equation. Annals of Probability, 2020, 48, .	1.8	23
3	Fluctuations of the solutions to the KPZ equation in dimensions three and higher. Probability Theory and Related Fields, 2020, 176, 1217-1258.	1.8	22
4	Stationary Solutions to the Stochastic Burgers Equation on the Line. Communications in Mathematical Physics, 2021, 382, 875-949.	2.2	18
5	Liouville first-passage percolation: Subsequential scaling limits at high temperature. Annals of Probability, 2019, 47, .	1.8	16
6	Existence of stationary stochastic Burgers evolutions on $\mathbb{R}^{2+1}$ and $\mathbb{R}^{3+1}$ . Nonlinearity, 2020, 33, 6480-6501.	1.4	9
7	The Random Heat Equation in Dimensions Three and Higher: The Homogenization Viewpoint. Archive for Rational Mechanics and Analysis, 2021, 242, 827-873.	2.4	7
8	Subsequential Scaling Limits for Liouville Graph Distance. Communications in Mathematical Physics, 2020, 376, 1499-1572.	2.2	5
9	A quenched local limit theorem for stochastic flows. Journal of Functional Analysis, 2022, 282, 109372.	1.4	2
10	Viscous Shock Solutions to the Stochastic Burgers Equation. Archive for Rational Mechanics and Analysis, 2021, 242, 937-971.	2.4	1
11	A forward-backward SDE from the 2D nonlinear stochastic heat equation. Annals of Probability, 2022, 50, .	1.8	1
12	Curiosity-Based Biophysics Projects in a High School Setting with Graduate Student Mentorship. The Biophysicist, 2021, 2, 6-11.	0.3	0
13	The continuum parabolic Anderson model with a half-Laplacian and periodic noise. Electronic Communications in Probability, 2020, 25, .	0.4	0