

Adrien Blanchet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10439490/publications.pdf>

Version: 2024-02-01

25
papers

1,095
citations

623188

14
h-index

610482

24
g-index

26
all docs

26
docs citations

26
times ranked

494
citing authors

#	ARTICLE	IF	CITATIONS
1	Collective information processing in human phase separation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190801.	1.8	7
2	The impact of incorrect social information on collective wisdom in human groups. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200496.	1.5	12
3	Computation of Cournot-Nash Equilibria by Entropic Regularization. <i>Vietnam Journal of Mathematics</i> , 2018, 46, 15-31.	0.4	6
4	Kinetic Models for Topological Nearest-Neighbor Interactions. <i>Journal of Statistical Physics</i> , 2017, 169, 929-950.	0.5	11
5	How social information can improve estimation accuracy in human groups. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12620-12625.	3.3	76
6	Topological Interactions in a Boltzmann-Type Framework. <i>Journal of Statistical Physics</i> , 2016, 163, 41-60.	0.5	14
7	Optimal Transport and Cournot-Nash Equilibria. <i>Mathematics of Operations Research</i> , 2016, 41, 125-145.	0.8	19
8	A hybrid variational principle for the Keller-Segel system in \mathbb{R}^2 . <i>ESAIM: Mathematical Modelling and Numerical Analysis</i> , 2015, 49, 1553-1576.	0.8	33
9	From Nash to Cournot-Nash equilibria via the Monge-Kantorovich problem. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130398.	1.6	21
10	The Parabolic-Parabolic Keller-Segel System with Critical Diffusion as a Gradient Flow in \mathbb{R}^d . <i>Communications in Partial Differential Equations</i> , 2013, 38, 658-686.	1.0	39
11	Functional inequalities, thick tails and asymptotics for the critical mass Patlak-Keller-Segel model. <i>Journal of Functional Analysis</i> , 2012, 262, 2142-2230.	0.7	105
12	Finite mass self-similar blowing-up solutions of a chemotaxis system with non-linear diffusion. <i>Communications on Pure and Applied Analysis</i> , 2012, 11, 47-60.	0.4	8
13	Improved intermediate asymptotics for the heat equation. <i>Applied Mathematics Letters</i> , 2011, 24, 76-81.	1.5	12
14	Large time asymptotics of the doubly nonlinear equation in the non-displacement convexity regime. <i>Journal of Evolution Equations</i> , 2010, 10, 59-84.	0.6	15
15	Asymptotic behaviour for small mass in the two-dimensional parabolic-elliptic Keller-Segel model. <i>Journal of Mathematical Analysis and Applications</i> , 2010, 361, 533-542.	0.5	26
16	Stochastic Stokes' Drift, Homogenized Functional Inequalities, and Large Time Behavior of Brownian Ratchets. <i>SIAM Journal on Mathematical Analysis</i> , 2009, 41, 46-76.	0.9	14
17	Critical mass for a Patlak-Keller-Segel model with degenerate diffusion in higher dimensions. <i>Calculus of Variations and Partial Differential Equations</i> , 2009, 35, 133-168.	0.9	138
18	Asymptotics of the Fast Diffusion Equation via Entropy Estimates. <i>Archive for Rational Mechanics and Analysis</i> , 2009, 191, 347-385.	1.1	97

#	ARTICLE	IF	CITATIONS
19	Infinite time aggregation for the critical Patlak-Keller-Segel model in \mathbb{R}^2 . Communications on Pure and Applied Mathematics, 2008, 61, 1449-1481.	1.2	203
20	Travelling fronts in stochastic Stokes' drifts. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 5741-5751.	1.2	3
21	Convergence of the Mass-Transport Steepest Descent Scheme for the Subcritical Patlak-Keller-Segel Model. SIAM Journal on Numerical Analysis, 2008, 46, 691-721.	1.1	141
22	Hardy-Poincaré inequalities and applications to nonlinear diffusions. Comptes Rendus Mathematique, 2007, 344, 431-436.	0.1	41
23	On the continuity of the time derivative of the solution to the parabolic obstacle problem with variable coefficients. Journal Des Mathematiques Pures Et Appliquees, 2006, 85, 371-414.	0.8	32
24	On the singular set of the parabolic obstacle problem. Journal of Differential Equations, 2006, 231, 656-672.	1.1	11
25	On the parabolic-elliptic Patlak-Keller-Segel system in dimension ≥ 2 and higher. Séminaire Laurent Schwartz "EDP Et Applications", 0, , 1-26.	0.0	11