

Vahagn Nersesyan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

303
citations

840776
11
h-index

940533
16
g-index

23
all docs

23
docs citations

23
times ranked

79
citing authors

#	ARTICLE	IF	CITATIONS
1	A Proof of Approximate Controllability of the 3D Navier–Stokes System via a Linear Test. <i>SIAM Journal on Control and Optimization</i> , 2021, 59, 2411-2427.	2.1	3
2	Large Deviations and Entropy Production in Viscous Fluid Flows. <i>Archive for Rational Mechanics and Analysis</i> , 2021, 240, 1675-1725.	2.4	3
3	Exponential mixing under controllability conditions for sdes driven by a degenerate Poisson noise. <i>Stochastic Processes and Their Applications</i> , 2021, 138, 26-55.	0.9	1
4	Approximate controllability of nonlinear parabolic PDEs in arbitrary space dimension. <i>Mathematical Control and Related Fields</i> , 2021, 11, 1-15.	1.1	7
5	Multiplicative ergodic theorem for a non-irreducible random dynamical system. <i>Journal of Differential Equations</i> , 2020, 268, 3564-3598.	2.2	2
6	Exponential mixing for a class of dissipative PDEs with bounded degenerate noise. <i>Geometric and Functional Analysis</i> , 2020, 30, 126-187.	1.8	26
7	Large deviations and mixing for dissipative PDEs with unbounded random kicks. <i>Nonlinearity</i> , 2018, 31, 540-596.	1.4	8
8	Large Deviations from a Stationary Measure for a Class of Dissipative PDEs with Random Kicks. <i>Communications on Pure and Applied Mathematics</i> , 2015, 68, 2108-2143.	3.1	14
9	Large Deviations and Gallavotti–Cohen Principle for Dissipative PDEs with Rough Noise. <i>Communications in Mathematical Physics</i> , 2015, 336, 131-170.	2.2	19
10	Approximate controllability of Lagrangian trajectories of the 3D Navier–Stokes system by a finite-dimensional force. <i>Nonlinearity</i> , 2015, 28, 825-848.	1.4	11
11	Simultaneous global exact controllability of an arbitrary number of 1d bilinear Schrödinger equations. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2015, 103, 228-254.	1.6	15
12	Global exact controllability of 1d Schrödinger equations with a polarizability term. <i>Comptes Rendus Mathematique</i> , 2014, 352, 425-429.	0.3	6
13	Stochastic CGL equations without linear dispersion in any space dimension. <i>Stochastics and Partial Differential Equations: Analysis and Computations</i> , 2013, 1, 389-423.	0.9	13
14	Global exact controllability in infinite time of Schrödinger equation. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2012, 97, 295-317.	1.6	24
15	Global approximate controllability for Schrödinger equation in higher Sobolev norms and applications. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2010, 27, 901-915.	1.4	51
16	Semi-global weak stabilization of bilinear Schrödinger equations. <i>Comptes Rendus Mathematique</i> , 2010, 348, 1073-1078.	0.3	19
17	Growth of Sobolev Norms and Controllability of the Schrödinger Equation. <i>Communications in Mathematical Physics</i> , 2009, 290, 371-387.	2.2	50
18	Exponential mixing for finite-dimensional approximations of the Schrödinger equation with multiplicative noise. <i>Dynamics of Partial Differential Equations</i> , 2009, 6, 167-183.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Polynomial mixing for the complex Ginzburg-Landau equation perturbed by a random force at random times. Journal of Evolution Equations, 2008, 8, 1-29.	1.1	12
20	Large deviations for the Navier-Stokes equations driven by a white-in-time noise. , 0, 2, 481-513.		6
21	Mixing via controllability for randomly forced nonlinear dissipative PDEs. Journal De L'Ecole Polytechnique - Mathematiques, 0, 7, 871-896.	0.0	10
22	Large deviations results for the stochastic Navier-Stokes equations. SÃ©minaire Laurent Schwartz "EDP Et Applications, 0, , 1-10.	0.0	1
23	Ergodicity for the Randomly Forced Navier-Stokes System in a Two-Dimensional Unbounded Domain. Annales Henri Poincare, 0, , 1.	1.7	2