

Giovanni Forni

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On the equidistribution of unstable curves for pseudo-Anosov diffeomorphisms of compact surfaces. <i>Ergodic Theory and Dynamical Systems</i> , 2022, 42, 855-880.	0.6	4
2	Sobolev regularity of solutions of the cohomological equation. <i>Ergodic Theory and Dynamical Systems</i> , 2021, 41, 685-789.	0.6	10
3	Limits of geodesic push-forwards of horocycle invariant measures. <i>Ergodic Theory and Dynamical Systems</i> , 2021, 41, 2782-2804.	0.6	3
4	Lebesgue spectrum of countable multiplicity for conservative flows on the torus. <i>Journal of the American Mathematical Society</i> , 2021, 34, 747-813.	3.9	8
5	Mixing for smooth time-changes of general nilflows. <i>Advances in Mathematics</i> , 2021, 385, 107759.	1.1	7
6	Quaternionic covers and monodromy of the Kontsevich–Zorich cocycle in orthogonal groups. <i>Journal of the European Mathematical Society</i> , 2017, 20, 165-198.	1.4	0
7	Effective equidistribution of twisted horocycle flows and horocycle maps. <i>Geometric and Functional Analysis</i> , 2016, 26, 1359-1448.	1.8	9
8	Invariant distributions for homogeneous flows and affine transformations. <i>Journal of Modern Dynamics</i> , 2016, 10, 33-79.	0.5	6
9	Introduction to Teichmüller theory and its applications to dynamics of interval exchange transformations, flows on surfaces and billiards. <i>Journal of Modern Dynamics</i> , 2015, 8, 271-436.	0.5	25
10	Zero Lyapunov exponents of the Hodge bundle. <i>Commentarii Mathematici Helvetici</i> , 2014, 89, 489-535.	0.7	15
11	Lyapunov spectrum of invariant subbundles of the Hodge bundle. <i>Ergodic Theory and Dynamical Systems</i> , 2012, 34, 353-408.	0.6	19
12	Time-changes of horocycle flows. <i>Journal of Modern Dynamics</i> , 2012, 6, 251-273.	0.5	25
13	On the Brin Prize work of Artur Avila in Teichmüller dynamics and interval-exchange transformations. <i>Journal of Modern Dynamics</i> , 2012, 6, 139-182.	0.5	2
14	Mixing for the time-changes of Heisenberg nilflows. <i>Journal of Differential Geometry</i> , 2011, 89, .	1.1	15
15	Square-tiled cyclic covers. <i>Journal of Modern Dynamics</i> , 2011, 5, 285-318.	0.5	31
16	A geometric criterion for the nonuniform hyperbolicity of the Kontsevich–Zorich cocycle. <i>Journal of Modern Dynamics</i> , 2011, 5, 355-395.	0.5	28
17	On the cohomological equation for nilflows. <i>Journal of Modern Dynamics</i> , 2007, 1, 37-60.	0.5	17
18	On the Lyapunov Exponents of the Kontsevich–Zorich Cocycle. <i>Handbook of Dynamical Systems</i> , 2006, , 549-580.	0.6	45

#	ARTICLE	IF	CITATIONS
19	Equidistribution of nilflows and applications to theta sums. Ergodic Theory and Dynamical Systems, 2006, 26, 409.	0.6	27
20	Invariant distributions and time averages for horocycle flows. Duke Mathematical Journal, 2003, 119, 465.	1.5	94
21	Deviation of Ergodic Averages for Area-Preserving Flows on Surfaces of Higher Genus. Annals of Mathematics, 2002, 155, 1.	4.2	157
22	Solutions of the Cohomological Equation for Area-Preserving Flows on Compact Surfaces of Higher Genus. Annals of Mathematics, 1997, 146, 295.	4.2	56
23	Twisted cohomological equations for translation flows. Ergodic Theory and Dynamical Systems, 0, , 1-36.	0.6	0