Carlos Matheus

List of Publications by Year
in descending order

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14 papers	153 citations	1307594 7 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	38 citing authors

#	Article	IF	Citations
1	Square-tiled cyclic covers. Journal of Modern Dynamics, 2011, 5, 285-318.	0.5	31
2	Introduction to TeichmÃ¼ller theory and its applications to dynamics of interval exchange transformations, flows on surfaces and billiards. Journal of Modern Dynamics, 2015, 8, 271-436.	0.5	25
3	A criterion for the simplicity of the Lyapunov spectrum of square-tiled surfaces. Inventiones Mathematicae, 2015, 202, 333-425.	2.5	22
4	The action of the affine diffeomorphisms on the relative homology group of certain exceptionally symmetric origamis. Journal of Modern Dynamics, 2010, 4, 453-486.	0.5	19
5	Zero Lyapunov exponents of the Hodge bundle. Commentarii Mathematici Helvetici, 2014, 89, 489-535.	0.7	15
6	Markov spectrum near Freiman's isolated points in Mâ€¯âˆ–â€¯L. Journal of Number Theory, 2019, 194, 390-408.	0.4	13
7	$${SL(2, mathbb{R})}$$ S L (2 , R) -invariant probability measures on the moduli spaces of translation surfaces are regular. Geometric and Functional Analysis, 2013, 23, 1705-1729.	1.8	8
8	A coding-free simplicity criterion for the Lyapunov exponents of TeichmÃ¼ller curves. Geometriae Dedicata, 2015, 179, 45-67.	0.3	7
9	Zorich conjecture for hyperelliptic Rauzyâ€“Veech groups. Mathematische Annalen, 2018, 370, 785-809.	1.4	5
10	Positivity of the Top Lyapunov Exponent for Cocycles on Semisimple Lie Groups over Hyperbolic Bases. Bulletin of the Brazilian Mathematical Society, 2018, 49, 73-87.	0.8	3
11	Fractal geometry of the complement of Lagrange spectrum in Markov spectrum. Commentarii Mathematici Helvetici, 2020, 95, 593-633.	0.7	3
12	Typical symplectic locally constant cocycles over certain shifts of countable type have simple Lyapunov spectra. Portugaliae Mathematica, 2016, 73, 171-176.	0.4	2
13	Semisimplicity of the Lyapunov spectrum for irreducible cocycles. Israel Journal of Mathematics, 2019, 230, 973-1005.	0.8	0
14	Mâ–L is Not Closed. International Mathematics Research Notices, 2022, 2022, 265-311.	1.0	0