Alfonso Sorrentino

List of Publications by Year
in descending order

20 papers	211 citations
8 h-index (1163117)	13 g-index (1125743)
20 all docs	20 docs citations
20 times ranked	72 citing authors

#	Article	IF	Citations
1	Inverse problems and rigidity questions in billiard dynamics. Ergodic Theory and Dynamical Systems, 2022, 42, 1023-1056.	0.6	1
2	On the regularity of Mather's β-function for standard-like twist maps. Advances in Mathematics, 2021, 377, 107460.	1.1	0
3	Markov numbers, Mather's *β* function and stable norm. Nonlinearity, 2019, 32, 2147-2156.	1.4	4
4	On John Mather's seminal contributions in Hamiltonian dynamics. Methods and Applications of Analysis, 2019, 26, 37-64.	0.5	0
5	On the marked length spectrum of generic strictly convex billiard tables. Duke Mathematical Journal, 2018, 167, .	1.5	10
6	Nearly Circular Domains Which Are Integrable Close to the Boundary Are Ellipses. Geometric and Functional Analysis, 2018, 28, 334-392.	1.8	9
7	Global results for eikonal Hamilton–Jacobi equations on networks. Analysis and PDE, 2018, 11, 171-211.	1.4	4
8	On the integrability of Birkhoff billiards. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170419.	3.4	15
9	On the local Birkhoff conjecture for convex billiards. Annals of Mathematics, 2018, 188, .	4.2	47
10	Aubry–Mather Theory for Conformally Symplectic Systems. Communications in Mathematical Physics, 2017, 354, 775-808.	2.2	27
11	Remarks on the symplectic invariance of Aubry–Mather sets. Comptes Rendus Mathematique, 2016, 354, 419-423.	0.3	3
12	Action-minimizing Methods in Hamiltonian Dynamics: An Introduction to Aubry-Mather Theory. , 2015, , .		30
13	Computing Mather's eta-function for Birkhoff billiards. Discrete and Continuous Dynamical Systems, 2015, 35, 5055-5082.	0.9	11
14	Symplectic and contact properties of the Mañé critical value of the universal cover. Nonlinear Differential Equations and Applications, 2014, 21, 679-708.	0.8	3
15	Efficacy and Safety of Off–Label Use of Fondaparinux in the Management of Heparin–Induced Thrombocytopenia with Thrombosis in an Elderly Woman. Journal of Clinical Pharmacology, 2013, 53, 999-1002.	2.0	4
16	Weak Liouville-Arnol²d Theorems and Their Implications. Communications in Mathematical Physics, 2012, 315, 109-133.	2.2	5
17	Differentiability of Mather's average action and integrability on closed surfaces. Nonlinearity, 2011, 24, 1777-1793.	1.4	15
18	On the integrability of Tonelli Hamiltonians. Transactions of the American Mathematical Society, 2011, 363, 5071-5089.	0.9	9

#	Article	IF	Citations
19	Action minimizing properties and distances on the group of Hamiltonian diffeomorphisms. Geometry and Topology, 2010, 14, 2383-2403.	1.3	10
20	On the total disconnectedness of the quotient Aubry set. Ergodic Theory and Dynamical Systems, 2008, 28, 267-290.	0.6	4