Andrea Giacobbe

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7087565/publications.pdf

Version: 2024-02-01

29 papers	292 citations	933447 10 h-index	940533 16 g-index
29 all docs	29 docs citations	29 times ranked	126 citing authors

#	Article	IF	Citations
1	Monodromy of the quantum 1:1:2 resonant swing spring. Journal of Mathematical Physics, 2004, 45, 5076-5100.	1.1	36
2	Monodromy in the resonant swing spring. Physica D: Nonlinear Phenomena, 2004, 190, 15-37.	2.8	36
3	Title is missing!. Regular and Chaotic Dynamics, 2005, 10, 267.	0.8	25
4	Nonlinear stability results for plane Couette and Poiseuille flows. Physical Review E, 2019, 100, 013113.	2.1	22
5	Gauge conservation laws and the momentum equation in nonholonomic mechanics. Reports on Mathematical Physics, 2008, 62, 345-367.	0.8	19
6	Double diffusion in rotating porous media under general boundary conditions. International Journal of Heat and Mass Transfer, 2012, 55, 2412-2419.	4.8	16
7	Fractional monodromy: parallel transport of homology cycles. Differential Geometry and Its Applications, 2008, 26, 140-150.	0.5	11
8	Inclined convection in a porous Brinkman layer: linear instability and nonlinear stability. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2019, 475, 20180614.	2.1	11
9	The topology associated with cusp singular points. Nonlinearity, 2012, 25, 3409-3422.	1.4	10
10	Does Symmetry of the Operator of a Dynamical System Help Stability?. Acta Applicandae Mathematicae, 2012, 122, 239.	1.0	10
11	Stability of hydromagnetic laminar flows in an inclined heated layer. Ricerche Di Matematica, 2017, 66, 125-140.	1.0	10
12	On the number of weakly Noetherian constants of motion of nonholonomic systems. Journal of Geometric Mechanics, 2009, 1, 389-416.	0.8	9
13	Linear weakly Noetherian constants of motion are horizontal gauge momenta. Journal of Geometric Mechanics, 2012, 4, 129-136.	0.8	9
14	Geometric structure of â€œbroadly integrableâ€•Hamiltonian systems. Journal of Geometry and Physics, 2002, 44, 156-170.	1.4	8
15	Convexity of Multi-valued Momentum Maps. Geometriae Dedicata, 2005, 111, 1-22.	0.3	8
16	A mathematical model of anorexia and bulimia. Mathematical Methods in the Applied Sciences, 2015, 38, 2937-2952.	2.3	7
17	Infinitesimally stable and unstable singularities of 2-degrees of freedom completely integrable systems. Regular and Chaotic Dynamics, 2007, 12, 717-731.	0.8	6
18	Stability in the Rotating BÃ©nard Problem and Its Optimal Lyapunov Functions. Acta Applicandae Mathematicae, 2014, 132, 307-320.	1.0	6

#	Article	IF	Citations
19	Modelling drinking with information. Mathematical Methods in the Applied Sciences, 2017, 40, 4400-4411.	2.3	6
20	Linear and nonlinear stability of magnetohydrodynamic Couette and Hartmann shear flows. International Journal of Non-Linear Mechanics, 2020, 123, 103490.	2.6	6
21	Stability of laminar flows in an inclined open channel. Ricerche Di Matematica, 2021, 70, 67-79.	1.0	5
22	Some remarks on the GelfandÂCetlin system. Journal of Physics A, 2002, 35, 10591-10605.	1.6	4
23	Stability of the Plane Binghamâ€“Poiseuille Flow in an Inclined Channel. Fluids, 2020, 5, 141.	1.7	4
24	Stability of ordered equilibria. Journal of Mathematical Analysis and Applications, 2018, 462, 1298-1308.	1.0	3
25	Quasi-periodicity in relative quasi-periodic tori. Nonlinearity, 2015, 28, 4281-4301.	1.4	2
26	Marginal regions for the solute BÃ©nard problem with many types of boundary conditions. International Journal of Engineering Science, 2012, 57, 11-23.	5.0	1
27	On the hydrodynamic and magnetohydrodynamic stability of an inclined layer heated from below. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2017, 28, 515-534.	0.6	1
28	Modeling eating disorders in young people. Nonlinear Analysis: Real World Applications, 2020, 53, 103064.	1.7	1
29	A Simple Theoretical Model for Lags and Asymmetries of Surface Temperature. Climate, 2021, 9, 78.	2.8	0