JesÃºs S PÃ©rez Del RÃo

List of Publications by Year
in descending order

15	177	1478505	1058476
papers	citations	6	14
		h-index	g-index

16	16	16	84
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analytic integrability of quasi-homogeneous systems via the Yoshida method. Journal of Symbolic Computation, 2021, 104, 960-980.	0.8	0
2	An algorithm for providing the normal forms of spatial quasi-homogeneous polynomial differential systems. Journal of Symbolic Computation, 2019, 95, 1-25.	0.8	1
3	Classification and Counting of Planar Quasi-Homogeneous Differential Systems Through Their Weight Vectors. Qualitative Theory of Dynamical Systems, 2018, 17, 541-561.	1.7	3
4	Limit cycles of generalized Liénard polynomial differential systems via averaging theory. Chaos, Solitons and Fractals, 2014, 62-63, 1-9.	5.1	4
5	Planar quasi-homogeneous polynomial differential systems and their integrability. Journal of Differential Equations, 2013, 255, 3185-3204.	2.2	22
6	Progress and Challenges in Dynamical Systems. Springer Proceedings in Mathematics and Statistics, 2013, , .	0.2	4
7	On the Multiplicity of Algebraic Limit Cycles. Journal of Dynamics and Differential Equations, 2012, 24, 539-560.	1.9	1
8	On the polynomial differential systems having polynomial first integrals. Bulletin Des Sciences Mathematiques, 2012, 136, 309-316.	1.0	2
9	Planar polynomial vector fields having a polynomial first integral can be obtained from linear systems. Applied Mathematics Letters, 2011, 24, 1115-1119.	2.7	2
10	On the number of limit cycles surrounding a unique singular point for polynomial differential systems of arbitrary degree. Nonlinear Analysis: Theory, Methods & Applications, 2008, 69, 4461-4469.	1.1	5
11	Polynomial first integrals of quadratic vector fields. Journal of Differential Equations, 2006, 230, 393-421.	2.2	18
12	Phase portraits of the quadratic vector fields with a polynomial first integral. Rendiconti Del Circolo Matematico Di Palermo, 2006, 55, 420-440.	1.3	14
13	Averaging analysis of a perturbated quadratic center. Nonlinear Analysis: Theory, Methods & Applications, 2001, 46, 45-51.	1.1	65
14	Structural stability of planar semi-homogeneous polynomial vector fields applications to critical points and to infinity. Discrete and Continuous Dynamical Systems, 2000, 6, 809-828.	0.9	10
15	Structural Stability of Planar Homogeneous Polynomial Vector Fields: Applications to Critical Points and to Infinity. Journal of Differential Equations, 1996, 125, 490-520.	2.2	25