Joan C Artes

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11598590/publications.pdf

Version: 2024-02-01

24	220	1163117 8	1058476 14
papers	citations	h-index	g-index

24	24	24	49
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	THE GEOMETRY OF QUADRATIC DIFFERENTIAL SYSTEMS WITH A WEAK FOCUS OF SECOND ORDER. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 3127-3194.	1.7	48
2	SINGULAR POINTS OF QUADRATIC SYSTEMS: A COMPLETE CLASSIFICATION IN THE COEFFICIENT SPACE â„12. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 313-362.	1.7	24
3	Geometric Configurations of Singularities of Planar Polynomial Differential Systems. , 2021, , .		19
4	Quadratic systems with a polynomial first integral: A complete classification in the coefficient space <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi mathvariant="double-struck">R</mml:mi><mml:mn>12</mml:mn></mml:msup></mml:math>. Journal of Differential Equations, 2009, 246, 3535-3558.	2.2	14
5	GLOBAL PHASE PORTRAITS OF QUADRATIC POLYNOMIAL DIFFERENTIAL SYSTEMS WITH A SEMI-ELEMENTAL TRIPLE NODE. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350140.	1.7	12
6	Quadratic systems with an integrable saddle: A complete classification in the coefficient space. Nonlinear Analysis: Theory, Methods & Applications, 2012, 75, 5416-5447.	1.1	9
7	The Geometry of Quadratic Polynomial Differential Systems with a Finite and an Infinite Saddle-Node (C). International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1530009.	1.7	9
8	Global Topological Configurations of Singularities for the Whole Family of Quadratic Differential Systems. Qualitative Theory of Dynamical Systems, 2020, 19, 1.	1.7	9
9	Quadratic systems with a rational first integral of degree 2: A complete classification in the coefficient space $$mathbb{R}^{12} $$. Rendiconti Del Circolo Matematico Di Palermo, 2007, 56, 417-444.	1.3	8
10	The Geometry of Quadratic Polynomial Differential Systems with a Finite and an Infinite Saddle-Node (A, B). International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450044.	1.7	8
11	Structurally Unstable Quadratic Vector Fields of Codimension One. , 2018, , .		8
12	Phase Portraits for Quadratic Systems Having a Focus and One Antisaddle. Rocky Mountain Journal of Mathematics, 1994, 24, 875.	0.4	7
13	Limit cycles near hyperbolas in quadratic systems. Journal of Differential Equations, 2009, 246, 235-260.	2.2	7
14	THE GEOMETRY OF QUADRATIC POLYNOMIAL DIFFERENTIAL SYSTEMS WITH A WEAK FOCUS AND AN INVARIANT STRAIGHT LINE. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 3627-3662.	1.7	6
15	Geometric configurations of singularities for quadratic differential systems with three distinct real simple finite singularities. Journal of Fixed Point Theory and Applications, 2013, 14, 555-618.	1.1	5
16	Structurally Unstable Quadratic Vector Fields of Codimension Two: Families Possessing Either a Cusp Point or Two Finite Saddle-Nodes. Journal of Dynamics and Differential Equations, 2021, 33, 1779-1821.	1.9	5
17	A Correction to the Paper â€œQuadratic Hamiltonian Vector Fieldsâ€. Journal of Differential Equations, 1996, 129, 559-560.	2.2	4
18	Quadratic systems with a rational first integral of degree three: a complete classification in the coefficient space â„12. Rendiconti Del Circolo Matematico Di Palermo, 2010, 59, 419-449.	1.3	4

#	Article	IF	Citations
19	Global Configurations of Singularities for Quadratic Differential Systems with Total Finite Multiplicity Three and at Most Two Real Singularities. Qualitative Theory of Dynamical Systems, 2014, 13, 305-351.	1.7	4
20	Topological Classification of Quadratic Polynomial Differential Systems with a Finite Semi-Elemental Triple Saddle. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650188.	1.7	4
21	Quadratic Differential Systems with a Finite Saddle-Node and an Infinite Saddle-Node (1,1)SN - (A). International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150026.	1.7	4
22	Invariant conditions for phase portraits of quadratic systems with complex conjugate invariant lines meeting at a finite point. Rendiconti Del Circolo Matematico Di Palermo, 2020, 70, 923.	1.3	1
23	Quadratic Differential Systems with a Finite Saddle-Node and an Infinite Saddle-Node (1, 1)SN - (B). International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2130026.	1.7	1
24	Proof of Theorem 1.1(b). , 2018, , 185-264.		0