

Joan C Artes

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structurally Unstable Quadratic Vector Fields of Codimension Two: Families Possessing Either a Cusp Point or Two Finite Saddle-Nodes. <i>Journal of Dynamics and Differential Equations</i> , 2021, 33, 1779-1821.	1.9	5
2	Geometric Configurations of Singularities of Planar Polynomial Differential Systems. , 2021, , .		19
3	Quadratic Differential Systems with a Finite Saddle-Node and an Infinite Saddle-Node (1,1) - (A). <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2150026.	1.7	4
4	Quadratic Differential Systems with a Finite Saddle-Node and an Infinite Saddle-Node (1, 1) - (B). <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2130026.	1.7	1
5	Invariant conditions for phase portraits of quadratic systems with complex conjugate invariant lines meeting at a finite point. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2020, 70, 923.	1.3	1
6	Global Topological Configurations of Singularities for the Whole Family of Quadratic Differential Systems. <i>Qualitative Theory of Dynamical Systems</i> , 2020, 19, 1.	1.7	9
7	Structurally Unstable Quadratic Vector Fields of Codimension One. , 2018, , .		8
8	Proof of Theorem 1.1(b). , 2018, , 185-264.		0
9	Topological Classification of Quadratic Polynomial Differential Systems with a Finite Semi-Elemental Triple Saddle. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1650188.	1.7	4
10	The Geometry of Quadratic Polynomial Differential Systems with a Finite and an Infinite Saddle-Node (C). <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015, 25, 1530009.	1.7	9
11	The Geometry of Quadratic Polynomial Differential Systems with a Finite and an Infinite Saddle-Node (A, B). <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014, 24, 1450044.	1.7	8
12	Global Configurations of Singularities for Quadratic Differential Systems with Total Finite Multiplicity Three and at Most Two Real Singularities. <i>Qualitative Theory of Dynamical Systems</i> , 2014, 13, 305-351.	1.7	4
13	Geometric configurations of singularities for quadratic differential systems with three distinct real simple finite singularities. <i>Journal of Fixed Point Theory and Applications</i> , 2013, 14, 555-618.	1.1	5
14	GLOBAL PHASE PORTRAITS OF QUADRATIC POLYNOMIAL DIFFERENTIAL SYSTEMS WITH A SEMI-ELEMENTAL TRIPLE NODE. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013, 23, 1350140.	1.7	12
15	Quadratic systems with an integrable saddle: A complete classification in the coefficient space. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2012, 75, 5416-5447.	1.1	9
16	Quadratic systems with a rational first integral of degree three: a complete classification in the coefficient space. <i>Rendiconti Del Circolo Matematico Di Palermo</i> , 2010, 59, 419-449.	1.3	4
17	THE GEOMETRY OF QUADRATIC POLYNOMIAL DIFFERENTIAL SYSTEMS WITH A WEAK FOCUS AND AN INVARIANT STRAIGHT LINE. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010, 20, 3627-3662.	1.7	6
18	Limit cycles near hyperbolas in quadratic systems. <i>Journal of Differential Equations</i> , 2009, 246, 235-260.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Quadratic systems with a polynomial first integral: A complete classification in the coefficient space \mathbb{R}^{12} . Journal of Differential Equations, 2009, 246, 3535-3558.	2.2	14
20	SINGULAR POINTS OF QUADRATIC SYSTEMS: A COMPLETE CLASSIFICATION IN THE COEFFICIENT SPACE \mathbb{R}^{12} . International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 313-362.	1.7	24
21	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
22	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
23	A Correction to the Paper "Quadratic Hamiltonian Vector Fields". Journal of Differential Equations, 1996, 129, 559-560.	2.2	4
24	Phase Portraits for Quadratic Systems Having a Focus and One Antisaddle. Rocky Mountain Journal of Mathematics, 1994, 24, 875.	0.4	7