

# Majid Gazor

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spectral sequences and parametric normal forms. Journal of Differential Equations, 2012, 252, 1003-1031.	2.2	36
2	Normal forms for Hopf-Zero singularities with nonconservative nonlinear part. Journal of Differential Equations, 2013, 254, 1571-1581.	2.2	19
3	Parametric normal forms for Bogdanov–Takens singularity; the generalized saddle-node case. Discrete and Continuous Dynamical Systems, 2015, 35, 205-224.	0.9	17
4	Bifurcation Control and Universal Unfolding for Hopf-Zero Singularities with Leading Solenoidal Terms. SIAM Journal on Applied Dynamical Systems, 2016, 15, 870-903.	1.6	17
5	INFINITE ORDER PARAMETRIC NORMAL FORM OF HOPF SINGULARITY. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 3393-3408.	1.7	14
6	FORMAL DECOMPOSITION METHOD AND PARAMETRIC NORMAL FORMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 3487-3515.	1.7	14
7	Bifurcation Controller Designs for the Generalized Cusp Plants of Bogdanov–Takens Singularity with an Application to Ship Control. SIAM Journal on Control and Optimization, 2019, 57, 2122-2151.	2.1	14
8	Volume-preserving normal forms of Hopf-zero singularity. Nonlinearity, 2013, 26, 2809-2832.	1.4	12
9	Normal forms of Hopf-zero singularity. Nonlinearity, 2015, 28, 311-330.	1.4	11
10	Bifurcation control and sound intensities in musical art. Journal of Differential Equations, 2021, 293, 86-110.	2.2	9
11	Tone colour in music and bifurcation control. Journal of Differential Equations, 2022, 326, 129-163.	2.2	6
12	Vector potential normal form classification for completely integrable solenoidal nilpotent singularities. Journal of Differential Equations, 2019, 267, 407-442.	2.2	5
13	Normal Form Analysis of $\mathbb{Z}_2$ -Equivariant Singularities. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950015.	1.7	3
14	Singularity: A maple Library for Local Zero Bifurcation Control of Scalar Smooth Maps. Journal of Computational and Nonlinear Dynamics, 2020, 15, .	1.2	2
15	$\mathbb{Z}_2$ -equivariant standard bases for submodules associated with $\mathbb{Z}_2$ -equivariant singularities. ACM Communications in Computer Algebra, 2017, 50, 170-172.	0.4	1
16	A Measure Theoretical Version of the Aleksandrov Theorem. Georgian Mathematical Journal, 2008, 15, 53-61.	0.6	0
17	Gröbner bases and multi-dimensional persistent bifurcation diagram classifications. ACM Communications in Computer Algebra, 2019, 52, 120-122.	0.4	0
18	Equivariant normal form coefficient formulas for cubic $\mathbb{Z}_2$ -equivariant Bogdanov-Takens singularities. , 2021, , .		0