

# Carles SimÃ³

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1125076/publications.pdf>

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1163117

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#	ARTICLE	IF	CITATIONS
1	Hopf saddle-node bifurcation for fixed points of 3D-diffeomorphisms: Analysis of a resonance "bubble". Physica D: Nonlinear Phenomena, 2008, 237, 1773-1799.	2.8	68
2	The Hopf-saddle-node bifurcation for fixed points of 3D-diffeomorphisms: the Arnol'd resonance web. Bulletin of the Belgian Mathematical Society - Simon Stevin, 2008, 15, .	0.2	46
3	Routes to chaos in the Hopf-saddle-node bifurcation for fixed points of 3D-diffeomorphisms. Nonlinearity, 2010, 23, 1919-1947.	1.4	40
4	About the unfolding of a Hopf-zero singularity. Discrete and Continuous Dynamical Systems, 2013, 33, 4435-4471.	0.9	27
5	Chaos and quasi-periodicity in diffeomorphisms of the solid torus. Discrete and Continuous Dynamical Systems - Series B, 2010, 14, 871-905.	0.9	21
6	Effect of Islands in Diffusive Properties of the Standard Map for Large Parameter Values. Foundations of Computational Mathematics, 2015, 15, 89-123.	2.5	16
7	Accelerator modes and anomalous diffusion in 3D volume-preserving maps. Nonlinearity, 2018, 31, 5615-5642.	1.4	13
8	From the Hénon conservative map to the Chirikov standard map for large parameter values. Regular and Chaotic Dynamics, 2013, 18, 469-489.	0.8	11