

# Rafael M Da Silva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7837990/publications.pdf>

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17  
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1305906

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docs citations

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times ranked

220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strong Dynamical Trappings Originating Ergodicity Breaking in Coupled Hamiltonian Systems. Brazilian Journal of Physics, 2022, 52, 1.	0.7	0
2	Scrutinizing the heterogeneous spreading of COVID-19 outbreak in large territorial countries. Physical Biology, 2021, 18, 025002.	0.8	16
3	Studying partial hyperbolicity inside regimes of motion in Hamiltonian systems. Chaos, Solitons and Fractals, 2021, 144, 110640.	2.5	1
4	Transient dynamics and multistability in two electrically interacting FitzHugh-Nagumo neurons. Chaos, 2021, 31, 053107.	1.0	13
5	Collective transient ratchet transport induced by many elastically interacting particles. Scientific Reports, 2021, 11, 16178.	1.6	3
6	How relevant is the decision of containment measures against COVID-19 applied ahead of time?. Chaos, Solitons and Fractals, 2020, 140, 110164.	2.5	19
7	Strong correlations between power-law growth of COVID-19 in four continents and the inefficiency of soft quarantine strategies. Chaos, 2020, 30, 041102.	1.0	110
8	Decay of the distance autocorrelation and Lyapunov exponents. Physical Review E, 2019, 99, 062206.	0.8	22
9	Intermittent stickiness synchronization. Physical Review E, 2019, 99, 052208.	0.8	5
10	Optimal ratchet current for elastically interacting particles. Chaos, 2019, 29, 111101.	1.0	5
11	Exploring conservative islands using correlated and uncorrelated noise. Physical Review E, 2018, 97, 022219.	0.8	7
12	Steering multiattractors to overcome parameter inaccuracy and noise effects. Physical Review E, 2018, 98, .	0.8	6
13	Optimizing thermally affected ratchet currents using periodic perturbations. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 454-460.	1.2	8
14	Controlling intermediate dynamics in a family of quadratic maps. Chaos, 2017, 27, 103101.	1.0	6
15	Proliferation of stability in phase and parameter spaces of nonlinear systems. Chaos, 2017, 27, 081101.	1.0	20
16	Recurrence-time statistics in non-Hamiltonian volume-preserving maps and flows. Physical Review E, 2015, 92, 022921.	0.8	10
17	Characterizing weak chaos using time series of Lyapunov exponents. Physical Review E, 2015, 91, 062907.	0.8	24