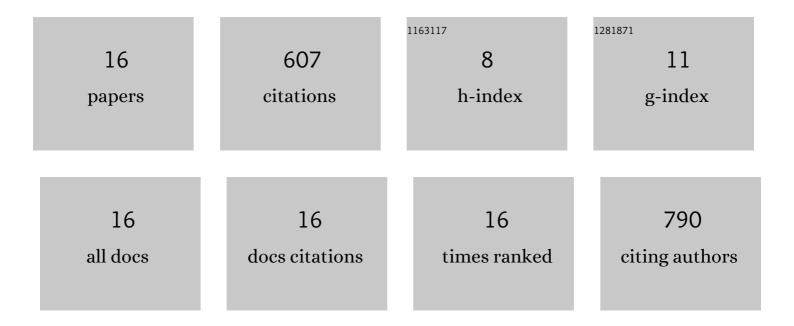
MarÃ-a Vela Pérez

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7854750/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A simple but complex enough <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline" id="d1e2650" altimg="si4.svg"><mml:mi>l,</mml:mi></mml:math> -SIR type model to be used with COVID-19 real data. Application to the case of Italy. Physica D: Nonlinear Phenomena, 2021, 421, 132839.	2.8	31
2	Modeling the impact of SARS-CoV-2 variants and vaccines on the spread of COVID-19. Communications in Nonlinear Science and Numerical Simulation, 2021, 102, 105937.	3.3	50
3	Prediction of Opinion Keywords and Their Sentiment Strength Score Using Latent Space Learning Methods. Applied Sciences (Switzerland), 2020, 10, 4196.	2.5	ο
4	Mathematical modeling of the spread of the coronavirus disease 2019 (COVID-19) taking into account the undetected infections. The case of China. Communications in Nonlinear Science and Numerical Simulation, 2020, 88, 105303.	3.3	438
5	Mathematical and numerical analysis of low-grade gliomas model and the effects of chemotherapy. Communications in Nonlinear Science and Numerical Simulation, 2019, 72, 552-564.	3.3	8
6	Prediction of User Interest by Predicting Product Text Reviews. Lecture Notes in Computer Science, 2018, , 132-146.	1.3	0
7	Mathematical model for path selection by ants between nest and food source. Mathematical Biosciences, 2017, 285, 14-24.	1.9	0
8	LEARNING ANALYTICS TO CLASSIFY STUDENTS ACCORDING TO THEIR ACTIVITY IN MOODLE. , 2017, , .		2
9	Prediction of User Opinion for Products - A Bag-of-Words and Collaborative Filtering based Approach. , 2017, , .		3
10	From individual to collective dynamics in Argentine ants (Linepithema humile). Mathematical Biosciences, 2015, 262, 56-64.	1.9	9
11	Ant foraging and geodesic paths in labyrinths: Analytical and computational results. Journal of Theoretical Biology, 2013, 320, 100-112.	1.7	9
12	HYPERSTRUCTURES, A NEW APPROACH TO COMPLEX SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 877-883.	1.7	34
13	(ψ,p,q)-vulnerabilities: A unified approach to network robustness. Chaos, 2009, 19, 013133.	2.5	3
14	Improvements in performance and security for complex networks. International Journal of Computer Mathematics, 2009, 86, 209-218.	1.8	4
15	VULNERABILITY AND FALL OF EFFICIENCY IN COMPLEX NETWORKS: A NEW APPROACH WITH COMPUTATIONAL ADVANTAGES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 727-735.	1.7	8
16	A NODE-BASED MULTISCALE VULNERABILITY OF COMPLEX NETWORKS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 703-710.	1.7	8