AndrÃ© C R Martins

List of Publications by Year
in descending order

28 papers	**816** citations	566801 **15** h-index
28 all docs	**28** docs citations	**28** times ranked

525886 **27** g-index

532 citing authors

#	Article	IF	Citations
1	CONTINUOUS OPINIONS AND DISCRETE ACTIONS IN OPINION DYNAMICS PROBLEMS. International Journal of Modern Physics C, 2008, 19, 617-624.	0.8	205
2	Building up of individual inflexibility in opinion dynamics. Physical Review E, 2013, 87, 042807.	0.8	75
3	Mobility and social network effects on extremist opinions. Physical Review E, 2008, 78, 036104.	0.8	73
4	An opinion dynamics model for the diffusion of innovations. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 3225-3232.	1.2	62
5	Programmed Life Span in the Context of Evolvability. American Naturalist, 2014, 184, 289-302.	1.0	47
6	Change and Aging Senescence as an Adaptation. PLoS ONE, 2011, 6, e24328.	1.1	44
7	Discrete opinion dynamics with M choices. European Physical Journal B, 2020, 93, 1.	0.6	40
8	Bayesian updating rules in continuous opinion dynamics models. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P02017.	0.9	33
9	THE IMPORTANCE OF DISAGREEING: CONTRARIANS AND EXTREMISM IN THE CODA MODEL. International Journal of Modeling, Simulation, and Scientific Computing, 2010, 13, 621-634.	0.9	30
10	Discrete opinion models as a limit case of the CODA model. Physica A: Statistical Mechanics and Its Applications, 2014, 395, 352-357.	1.2	28
11	Trust in the CODA model: Opinion dynamics and the reliability of other agents. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 2333-2339.	0.9	23
12	Pitfalls driven by the sole use of local updates in dynamical systems. Europhysics Letters, 2011, 95, 48005.	0.7	22
13	Opinion dynamics of learning agents: does seeking consensus lead to disagreement?. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P03015.	0.9	17
14	Development of a dynamic framework to explain population patterns of leisure-time physical activity through agent-based modeling. International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 111.	2.0	17
15	Opinion particles: Classical physics and opinion dynamics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 89-94.	0.9	15
16	Bayesian updating as basis for opinion dynamics models. AIP Conference Proceedings, 2012, , .	0.3	14
17	Two-dimensional Ising transition through a technique from two-state opinion-dynamics models. Physical Review E, 2015, 91, 012108.	0.8	14
18	Non-stationary correlation matrices and noise. Physica A: Statistical Mechanics and Its Applications, 2007, 379, 552-558.	1.2	10

#	Article	IF	Citations
19	Random, but not so much a parameterization for the returns and correlation matrix of financial time series. Physica A: Statistical Mechanics and Its Applications, 2007, 383, 527-532.	1.2	10
20	Exploring the emergence and evolution of population patterns of leisure-time physical activity through agent-based modelling. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 112.	2.0	10
21	MODELING SCIENTIFIC AGENTS FOR A BETTER SCIENCE. International Journal of Modeling, Simulation, and Scientific Computing, 2010, 13, 519-533.	0.9	9
22	Ideologically motivated biases in a multiple issues opinion model. Physica A: Statistical Mechanics and Its Applications, 2020, 553, 124293.	1.2	6
23	Multifractality in the random parameter model for multivariate time series. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 2198-2206.	1.2	3
24	Thou Shalt Not Take Sides: Cognition, Logic and the Need for Changing How We Believe. Frontiers in Physics, 2016, 4, .	1.0	3
25	Modelling Epistemic Systems. Intelligent Systems Reference Library, 2014, , 19-30.	1.0	3
26	Extremism definitions in opinion dynamics models. Physica A: Statistical Mechanics and Its Applications, 2022, 589, 126623.	1.2	2
27	Network generation and evolution based on spatial and opinion dynamics components. International Journal of Modern Physics C, 2019, 30, 1950077.	0.8	1
28	Why Do Animals Get Old and Die?. Frontiers for Young Minds, 0, 9, .	0.8	0