

# Chiara Mocenni

## List of Publications by Year in descending order

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45  
papers

805  
citations

687363

13  
h-index

526287

27  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and Control of Game-Based Epidemic Models. Games, 2022, 13, 10.	0.6	1
2	Optimal colorings of Max $k$ -Cut game. Pure Mathematics and Applications, 2022, 30, 82-89.	0.4	1
3	Consensus towards Partially Cooperative Strategies in Self-Regulated Evolutionary Games on Networks. Games, 2021, 12, 60.	0.6	4
4	Modeling pluralism and self-regulation explains the emergence of cooperation in networked societies. Scientific Reports, 2021, 11, 19226.	3.3	2
5	A physical model for the characterization of magnetic hydrogels subject to external magnetic fields. Journal of Magnetism and Magnetic Materials, 2020, 493, 165674.	2.3	2
6	A Low-Cost Unmanned Surface Vehicle for Pervasive Water Quality Monitoring. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1433-1444.	4.7	55
7	Self-regulation versus social influence for promoting cooperation on networks. Scientific Reports, 2020, 10, 4830.	3.3	10
8	Evolutionary game for task mapping in resource constrained heterogeneous environments. Future Generation Computer Systems, 2020, 108, 762-776.	7.5	8
9	An Integrated System for Real-Time Water Monitoring Based on Low Cost Unmanned Surface Vehicles. , 2019, , .		3
10	A Model of Spontaneous Remission From Addiction. International Journal of Applied Behavioral Economics, 2019, 8, 21-48.	0.3	3
11	The role of self-loops and link removal in evolutionary games on networks. Mathematical Biosciences and Engineering, 2019, 16, 5287-5306.	1.9	3
12	An Evolutionary Game Theory Model of Spontaneous Brain Functioning. Scientific Reports, 2017, 7, 15978.	3.3	7
13	Bioimpedance sensing in wearable systems: From hardware integration to model development. , 2017, , .		6
14	Lumping evolutionary game dynamics on networks. Journal of Theoretical Biology, 2016, 407, 328-338.	1.7	12
15	Game Interactions and Dynamics on Networked Populations. IEEE Transactions on Automatic Control, 2015, 60, 1801-1810.	5.7	48
16	Pain perception and EEG dynamics: Does hypnotizability account for the efficacy of the suggestions of analgesia?. Physiology and Behavior, 2015, 145, 57-63.	2.1	18
17	Decision support system development for integrated management of European coastal lagoons. Environmental Modelling and Software, 2015, 64, 47-57.	4.5	16
18	Emergence of microbial networks as response to hostile environments. Frontiers in Microbiology, 2014, 5, 407.	3.5	8

#	ARTICLE	IF	CITATIONS
19	Effective rough boundary parametrization for reaction-diffusion systems. <i>Applicable Analysis and Discrete Mathematics</i> , 2014, 8, 33-59.	0.7	5
20	An overview of ecological status, vulnerability and future perspectives of European large shallow, semi-enclosed coastal systems, lagoons and transitional waters. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 140, 95-122.	2.1	275
21	Cross-evidence for hypnotic susceptibility through nonlinear measures on EEGs of non-hypnotized subjects. <i>Scientific Reports</i> , 2014, 4, 5610.	3.3	5
22	Hypnotic assessment based on the Recurrence Quantification Analysis of EEG recorded in the ordinary state of consciousness. <i>Brain and Cognition</i> , 2013, 83, 227-233.	1.8	22
23	Recurrence Methods for the Identification of Morphogenetic Patterns. <i>PLoS ONE</i> , 2013, 8, e73686.	2.5	4
24	Recurrence Indicators for the Estimation of Characteristic Size and Frequency of Spatial Patterns. , 2013, , 209-217.		0
25	Recurrence indicators for the identification of spatial patterns. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2012, 45, 1737-1742.	0.4	0
26	A Non-Linear Deterministic Model for Regulation of Diauxic Lag on Cellobiose by the Pneumococcal Multidomain Transcriptional Regulator CelR. <i>PLoS ONE</i> , 2012, 7, e47393.	2.5	12
27	Linear least squares parameter estimation of nonlinear reaction diffusion equations. <i>Mathematics and Computers in Simulation</i> , 2011, 81, 2244-2257.	4.4	11
28	Comparison of recurrence quantification methods for the analysis of temporal and spatial chaos. <i>Mathematical and Computer Modelling</i> , 2011, 53, 1535-1545.	2.0	33
29	FILLING GAPS IN ECOLOGICAL TIME SERIES BY MEANS OF TWIN SURROGATES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2011, 21, 1085-1097.	1.7	5
30	Identifying the dynamics of complex spatio-temporal systems by spatial recurrence properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8097-8102.	7.1	29
31	Homogenization of Multi-Species Reaction-Diffusion Systems in Domains with Rough Boundaries. , 2009, , .		2
32	Identification and simulation of a spatial ecological model in a lake with fractal boundary. <i>Mathematics and Computers in Simulation</i> , 2009, 79, 3534-3546.	4.4	8
33	Generalized recurrence plots for the analysis of images from spatially distributed systems. <i>Physica D: Nonlinear Phenomena</i> , 2009, 238, 162-169.	2.8	19
34	Spatial recurrence strategies reveal different routes to Turing pattern formation in chemical systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 4266-4272.	2.1	13
35	Mathematical modelling and parameter estimation of the Serra da Mesa basin. <i>Mathematical and Computer Modelling</i> , 2008, 47, 765-780.	2.0	13
36	Model-based decision support for integrated management and control of coastal lagoons. , 2007, , .		1

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37	Nonlinear time series analysis of dissolved oxygen in the Orbetello Lagoon (Italy). Ecological Modelling, 2007, 203, 339-348.	2.5	49
38	A DECISION SUPPORT SYSTEM FOR THE MANAGEMENT OF COASTAL LAGOONS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2005, 38, 67-72.	0.4	4
39	Periodic solutions in modelling lagoon ecological interactions. Journal of Mathematical Biology, 2005, 51, 367-388.	1.9	24
40	INTEGRATING IDENTIFICATION AND QUALITATIVE ANALYSIS FOR THE DYNAMIC MODEL OF A LAGOON. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2003, 13, 357-374.	1.7	17
41	A trophodynamic model for the lagoon of Fogliano (Italy) with ecological dependent modifying parameters. Ecological Modelling, 2000, 134, 153-167.	2.5	22
42	Correlation between Greenhouse Effect and Exceptionally High Tides in Venice. Annals of the New York Academy of Sciences, 1999, 879, 422-426.	3.8	0
43	A modelling approach for the analysis of xylose ethanol bioconversion. Ecological Modelling, 1998, 113, 157-162.	2.5	6
44	Kinetic Analysis and Comparison of Models of Xylose Metabolism by Klebsiella planticola. Biochemical and Biophysical Research Communications, 1996, 227, 41-46.	2.1	10
45	Awareness. , 0, , .		0