

Carlo Piccardi

List of Publications by Year in descending order

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56
papers

1,385
citations

393982

19
h-index

360668

35
g-index

57
all docs

57
docs citations

57
times ranked

1273
citing authors

#	ARTICLE	IF	CITATIONS
1	A Graphlet-Based Topological Characterization of the Resting-State Network in Healthy People. <i>Frontiers in Neuroscience</i> , 2021, 15, 665544.	1.4	3
2	The network of international trade in services. <i>Applied Network Science</i> , 2021, 6, .	0.8	7
3	Topology comparison of Twitter diffusion networks effectively reveals misleading information. <i>Scientific Reports</i> , 2020, 10, 1372.	1.6	53
4	A multi-layer approach to disinformation detection in US and Italian news spreading on Twitter. <i>EPJ Data Science</i> , 2020, 9, .	1.5	20
5	Towards modelling diffusion mechanisms for sustainable off-grid electricity planning. <i>Energy for Sustainable Development</i> , 2019, 52, 11-25.	2.0	10
6	Transnational land acquisitions beyond the food and financial crises. <i>Environmental Research Letters</i> , 2019, 14, 084021.	2.2	7
7	Direct reciprocity and model-predictive rationality explain network reciprocity over social ties. <i>Scientific Reports</i> , 2019, 9, 5367.	1.6	18
8	Comparing methods for comparing networks. <i>Scientific Reports</i> , 2019, 9, 17557.	1.6	127
9	Core-periphery or decentralized? Topological shifts of specialized information on Twitter. <i>Social Networks</i> , 2018, 52, 282-293.	1.3	19
10	Complexity, centralization, and fragility in economic networks. <i>PLoS ONE</i> , 2018, 13, e0208265.	1.1	22
11	Random walks on the world input-output network. <i>Journal of Complex Networks</i> , 2018, 6, 187-205.	1.1	15
12	Communities in criminal networks: A case study. <i>Social Networks</i> , 2017, 48, 116-125.	1.3	60
13	Link Prediction in Criminal Networks: A Tool for Criminal Intelligence Analysis. <i>PLoS ONE</i> , 2016, 11, e0154244.	1.1	110
14	Stability of Controlled Road Vehicles: A Preliminary Fundamental Study. , 2015, , .		1
15	Discovering Preferential Patterns in Sectoral Trade Networks. <i>PLoS ONE</i> , 2015, 10, e0140951.	1.1	10
16	Connectivity interplays with age in shaping contagion over networks with vital dynamics. <i>Physical Review E</i> , 2015, 91, 022809.	0.8	9
17	Are Preferential Agreements Significant for the World Trade Structure? A Network Community Analysis. <i>Kyklos</i> , 2015, 68, 220-239.	0.7	9
18	Bifurcation analysis of a car and driver model. <i>Vehicle System Dynamics</i> , 2014, 52, 142-156.	2.2	26

#	ARTICLE	IF	CITATIONS
19	Uncovering the Structure of Criminal Organizations by Community Analysis: The Infinito Network. , 2014, , .		10
20	Community analysis in directed networks: In-, out-, and pseudocommunities. Physical Review E, 2014, 89, 012814.	0.8	12
21	Social networks and the spread of epidemics. Lettera Matematica, 2013, 1, 119-126.	0.1	5
22	Profiling core-periphery network structure by random walkers. Scientific Reports, 2013, 3, 1467.	1.6	99
23	Existence and significance of communities in the World Trade Web. Physical Review E, 2012, 85, 066119.	0.8	41
24	Bifurcation analysis of an automobile model negotiating a curve. Vehicle System Dynamics, 2012, 50, 1539-1562.	2.2	53
25	Nonlinear Dynamics of a Road Vehicle Running into a Curve. Understanding Complex Systems, 2012, , 125-153.	0.3	7
26	Finding and Testing Network Communities by Lumped Markov Chains. PLoS ONE, 2011, 6, e27028.	1.1	50
27	CLUSTERING FINANCIAL TIME SERIES BY NETWORK COMMUNITY ANALYSIS. International Journal of Modern Physics C, 2011, 22, 35-50.	0.8	23
28	Representing localized corrosion processes through cellular automata. Corrosion Reviews, 2011, 29, .	1.0	5
29	Communities in Italian corporate networks. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 5247-5258.	1.2	63
30	Clustering Time Series by Network Community Analysis. , 2010, , .		0
31	Synchrony in tritrophic food chain metacommunities. Journal of Biological Dynamics, 2009, 3, 497-514.	0.8	14
32	Remarks on Epidemic Spreading in Scale-Free Networks. Understanding Complex Systems, 2009, , 77-89.	0.3	1
33	PARAMETER ESTIMATION FOR SYSTEMS WITH PEAK-TO-PEAK DYNAMICS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 745-753.	0.7	4
34	Inefficient epidemic spreading in scale-free networks. Physical Review E, 2008, 77, 026113.	0.8	15
35	On parameter estimation of chaotic systems via symbolic time-series analysis. Chaos, 2006, 16, 043115.	1.0	14
36	A METHOD FOR PARAMETER ESTIMATION IN LUR'E SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2006, 16, 1461-1470.	0.7	1

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37	PARAMETER ESTIMATION FOR SYSTEMS WITH LOW-DIMENSIONAL CHAOS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 291-296.	0.4	1
38	On the control of chaotic systems via symbolic time series analysis. Chaos, 2004, 14, 1026-1034.	1.0	31
39	A New Test Rig for Measuring the Inertia Properties of Vehicles and Their Subsystems. , 2004, , 849.		3
40	Stock valuation along a Markov chain. Applied Mathematics and Computation, 2003, 141, 385-393.	1.4	20
41	The Impact of Noise and Sampling Frequency on the Control of Peak-to-Peak Dynamics. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2003, 13, 1579-1586.	0.7	9
42	IMPERFECT PHASE SYNCHRONIZATION IN THE LOCOMOTOR BEHAVIOR OF HALOBACTERIUM SALINARIUM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2003, 13, 3085-3092.	0.7	0
43	CONTROL OF COMPLEX PEAK-TO-PEAK DYNAMICS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 2927-2936.	0.7	12
44	Remarks on excitability, stability and sign of equilibria in cooperative systems. Systems and Control Letters, 2002, 46, 153-163.	1.3	29
45	Model Reduction for Systems with Low-Dimensional Chaos. , 2002, , 255-268.		3
46	PEST OUTBREAKS CONTROL: THE APPROACH OF PEAK-TO-PEAK DYNAMICS. Natural Resource Modelling, 2001, 14, 177-195.	0.8	5
47	Optimal control of chaotic systems via peak-to-peak maps. Physica D: Nonlinear Phenomena, 2000, 144, 298-308.	1.3	16
48	PID control of a chaotic system: An application to an epidemiological model. Automatica, 1997, 33, 181-191.	3.0	48
49	A nonlinear dynamical model for the dynastic cycle. Chaos, Solitons and Fractals, 1996, 7, 257-271.	2.5	27
50	Bifurcation analysis of periodic SEIR and SIR epidemic models. Journal of Mathematical Biology, 1994, 32, 109-121.	0.8	150
51	A decomposition approach to suboptimal control of discrete-time systems. Optimal Control Applications and Methods, 1994, 15, 1-12.	1.3	8
52	On the minimum phase of compartmental systems. International Journal of Control, 1992, 56, 23-34.	1.2	4
53	On the integration of risk aversion and average-performance optimization in reservoir control. Water Resources Research, 1992, 28, 487-497.	1.7	20
54	Finite-horizon optimal control with pointwise cost functional. Applied Mathematics and Computation, 1992, 52, 345-353.	1.4	4

#	ARTICLE	IF	CITATIONS
55	Stochastic dynamic programming for reservoir optimal control: Dense discretization and inflow correlation assumption made possible by parallel computing. <i>Water Resources Research</i> , 1991, 27, 729-741.	1.7	44
56	Remarks on the application of a risk-averse approach to the management of "El Carrizal" reservoir. <i>Advances in Water Resources</i> , 1990, 13, 76-84.	1.7	7