Maurizio Naldi

List of Publications by Citations

121 papers	**758** citations
14 h-index	**21** g-index
142 ext. papers	**987** ext. citations
2.9 avg, IF	**4.77** L-index

#	Paper	IF	Citations
121	How should we understand the digital economy in Asia? Critical assessment and research agenda. *Electronic Commerce Research and Applications*, **2020**, 44, 101004	4.6	41
120	Concentration indices and Zipf's law. *Economics Letters*, **2003**, 78, 329-334	1.3	37
119	Connectivity of Waxman topology models. *Computer Communications*, **2005**, 29, 24-31	5.1	36
118	Towards risk-aware communications networking. *Reliability Engineering and System Safety*, **2013**, 109, 160-174	6.3	28
117	Game Theoretical Analysis of Service Provision for the Internet of Things Based on Sensor Virtualization. *IEEE Journal on Selected Areas in Communications*, **2017**, 35, 691-706	14.2	27
116	Sponsored search auctions: an overview of research with emphasis on game theoretic aspects. *Electronic Commerce Research*, **2012**, 12, 265-300	2.1	23
115	Maximum-Profit Two-Sided Pricing in Service Platforms Based on Wireless Sensor Networks. *IEEE Wireless Communications Letters*, **2016**, 5, 8-11	5.9	20
114	Cloud storage pricing **2013**,		20
113	Rank-size distribution of teletraffic and customers over a wide area network. *European Transactions on Telecommunications*, **2006**, 17, 415-421		19
112	Economic decision criteria for the migration to cloud storage. *European Journal of Information Systems*, **2016**, 25, 16-28	6.4	18
111	Blind maximum likelihood estimation of traffic matrices under long-range dependent traffic. *Computer Networks*, **2010**, 54, 2626-2639	5.4	17
110	Agent-Based Models for Opinion Formation: A Bibliographic Survey. *IEEE Access*, **2019**, 7, 58836-58848	3.5	16
109	The value of location in keyword auctions. *Electronic Commerce Research and Applications*, **2010**, 9, 160-170	4.6	15
108	How to derive causal insights for digital commerce in China? A research commentary on computational social science methods. *Electronic Commerce Research and Applications*, **2019**, 35, 100837	4.6	15
107	The CR4 Index and the Interval Estimation of the Herfindahl-Hirschman Index: An Empirical Comparison. *SSRN Electronic Journal*, **2014**,	1	13
106	Interval Estimation of the Herfindahl-Hirschman Index under Incomplete Market Information **2014**,		13
105	*. IEEE Transactions on Aerospace and Electronic Systems*, **1999**, 35, 331-338	3.7	13

104	Compensation Policies and Risk in Service Level Agreements: A Value-at-Risk Approach under the ON-OFF Service Model. *Lecture Notes in Computer Science*, **2011**, 2-13	0.9	13
103	Performance of the Vickrey auction for digital goods under various bid distributions. *Performance Evaluation*, **2008**, 65, 10-31	1.2	12
102	Robustness of the likelihood ratio detector for moderately fluctuating radar targets. *IET Radar, Sonar & Navigation*, **1999**, 146, 107		12
101	A reappraisal of the chaotic paradigm for energy commodity prices. *Energy Economics*, **2019**, 82, 167-178	8.3	11
100	A rank-and-compare algorithm to detect abnormally low bids in procurement auctions. *Electronic Commerce Research and Applications*, **2012**, 11, 192-203	4.6	11
99	Detection of anomalous bids in procurement auctions. *Decision Support Systems*, **2008**, 46, 420-428	5.6	11
98	Evolutionary Optimization of Service Times in Interactive Voice Response Systems. *IEEE Transactions on Evolutionary Computation*, **2010**, 14, 602-617	15.6	10
97	Profit-fairness trade-off in project selection. *Socio-Economic Planning Sciences*, **2019**, 67, 133-146	3.7	10
96	Co-existence of stochastic and chaotic behaviour in the copper price time series. *Resources Policy*, **2018**, 58, 295-302	7.2	10
95	Wireless Sensor Network-Based Service Provisioning by a Brokering Platform. *Sensors*, **2017**, 17,	3.8	9
94	A traffic-based evolutionary algorithm for network clustering. *Applied Soft Computing Journal*, **2013**, 13, 4303-4319	7.5	9
93	Distinctiveness centrality in social networks. *PLoS ONE*, **2020**, 15, e0233276	3.7	9
92	Storage Buy-or-Lease decisions in cloud computing under price uncertainty **2011**,		8
91	False alarm control and self-masking avoidance by a biparametric clutter map in a mixed interference environment. *IET Radar, Sonar & Navigation*, **1999**, 146, 195		8
90	Research directions for sharing economy issues. *Electronic Commerce Research and Applications*, **2020**, 43, 100973	4.6	7
89	Long-range Evaluation of Risk in the Migration to Cloud Storage **2011**,		7
88	Pricing of insurance policies against cloud storage price rises. *Performance Evaluation Review*, **2012**, 40, 42-45	0.4	7
87	Robustness of Optimal Investment Decisions in Mixed Insurance/Investment Cyber Risk Management. *Risk Analysis*, **2020**, 40, 550-564	3.9	7

86	Economic Analysis of a Multi-Sided Platform for Sensor-Based Services in the Internet of Things. *Sensors*, **2019**, 19,	3.8	6
85	Competition in data-based service provision: Nash equilibrium characterization. *Future Generation Computer Systems*, **2019**, 96, 35-50	7.5	6
84	Option-based Dynamic Management of Wireless Spectrum **2009**,		6
83	A real options model for the transferability value of telecommunications licenses. *Annales Des Telecommunications/Annals of Telecommunications*, **2010**, 65, 201-210	2	6
82	Negligence and sanctions in information security investments in a cloud environment. *Electronic Markets*, **2018**, 28, 39-52	4.8	5
81	Dynamics of the Hirschman–Herfindahl Index under New Market Entries. *Economic Papers*, **2018**, 37, 344-362	0.8	5
80	Censoring and Distortion in the Hirschman–Herfindahl Index Computation. *Economic Papers*, **2017**, 36, 401-415	0.8	5
79	Pricing of spectrum reservation under overbooking. *Electronic Commerce Research and Applications*, **2011**, 10, 565-575	4.6	5
78	A dandelion-encoded evolutionary algorithm for the delay-constrained capacitated minimum spanning tree problem. *Computer Communications*, **2009**, 32, 154-158	5.1	5
77	Evolutionary design of oriented-tree networks using Cayley-type encodings. *Information Sciences*, **2009**, 179, 3461-3472	7.7	5
76	Estimation of traffic matrices in the presence of long memory traffic. *Statistical Modelling*, **2012**, 12, 29-65	7	5
75	Price war with migrating customers **2009**,		5
74	A mixture model for the connection holding times in the Video-on-Demand service. *Performance Evaluation*, **2002**, 47, 23-41	1.2	5
73	Fuzzy Logic-Based Diagnosis of Traffic Anomalies in Voice Networks. *Journal of Network and Systems Management*, **2001**, 9, 161-182	2.1	5
72	Maximin Fairness in Project Budget Allocation. *Electronic Notes in Discrete Mathematics*, **2016**, 55, 65-68	0.3	5
71	Service Level Agreement Violations in Cloud Storage: Insurance and Compensation Sustainability. *Future Internet*, **2019**, 11, 142	3.3	4
70	Spectrum reservation options for Mobile Virtual Network Operators **2010**,		4
69	Network protection through insurance: Premium computation for the ON-OFF service model **2011**,		4

68	Competition for Migrating Customers: A Game-Theoretic Analysis in a Regulated Regime **2008**,		4
67	Internet access traffic sharing in a multi-operator environment. *Computer Networks*, **2002**, 38, 809-824	5.4	4
66	Stochastic simulation techniques as related to innovation in communications-navigation-surveillance and air traffic management (CNS/ATM). *Simulation Modelling Practice and Theory*, **2003**, 11, 197-209	3.9	4
65	A Game-Theoretic Formulation of Security Investment Decisions under Ex-ante Regulation. *International Federation for Information Processing*, **2012**, 412-423		4
64	Damage Sharing May Not Be Enough: An Analysis of an Ex-ante Regulation Policy for Data Breaches. *Lecture Notes in Computer Science*, **2012**, 149-160	0.9	4
63	The Expected Utility Insurance Premium Principle with Fourth-Order Statistics: Does It Make a Difference?. *Algorithms*, **2020**, 13, 116	1.8	3
62	**2017**,		3
61	Interactions and Sentiment in Personal Finance Forums: An Exploratory Analysis. *Information (Switzerland)*, **2019**, 10, 237	2.6	3
60	Economic analysis of a centralized brokering platform for wireless sensor data **2017**,		3
59	Correlation and Concordance between the CR4 Index and the Herfindahl-Hirschman Index. *SSRN Electronic Journal*, **2014**,	1	3
58	Repairable Systems With Dependent Components: Stochastic Process Techniques and Models. *IEEE Transactions on Reliability*, **2014**, 63, 899-912	4.6	3
57	Options and overbooking strategy in the management of wireless spectrum. *Telecommunication Systems*, **2011**, 48, 31-42	2.3	3
56	Tests of Correlation Among Wavelet-Based Estimates for Long Memory Processes. *Communications in Statistics Part B: Simulation and Computation*, **2008**, 37, 301-313	0.6	3
55	A non linear wavelet based estimator for long memory processes. *Statistical Methods and Applications*, **2004**, 13, 27-41	0.8	3
54	ICMP-based Third-Party Estimation of Cloud Availability. *International Journal of Advances in Telecommunications, Electrotechnics, Signals and Systems*, **2017**, 6, 11	0	3
53	Information Security Investments: When Being Idle Equals Negligence. *Lecture Notes in Computer Science*, **2013**, 268-279	0.9	3
52	Blind Maximum-Likelihood Estimation of Traffic Matrices in Long Range Dependent Traffic. *Lecture Notes in Computer Science*, **2009**, 141-154	0.9	3
51	Maximin Fairness-profit Tradeoff in Project Budget Allocation. *Procedia Computer Science*, **2016**, 100, 313-320	1.6	2

50	Accuracy of third-party cloud availability estimation through ICMP **2016**,		2
49	Estimation of Traffic Matrices for LRD Traffic. *Contributions To Statistics*, **2013**, 91-107	0.1	2
48	A Probability Model for the Size of Investment Projects **2015**,		2
47	Influence of Search Neutrality on the Economics of Advertisement-Financed Content. *ACM Transactions on Internet Technology*, **2014**, 14, 1-21	3.8	2
46	How Much Can Content Providers Afford to Pay for Network Charges? **2012**,		2
45	Quality Management in the Design of TLC Call Centres. *International Journal of Engineering Business Management*, **2013**, 5, 48	1.9	2
44	Penalized Second Price: A New Pricing Algorithm for Advertising in Search Engines **2010**,		2
43	Optimal sequence of free traffic offers in mixed fee-consumption pricing packages. *Decision Support Systems*, **2010**, 50, 281-291	5.6	2
42	A Simple Model for the Effectiveness of Delaying Strategies for Telecommunications Churn Reduction **2008**,		2
41	Polynomial biasing importance sampling for markov fluid models. *European Transactions on Telecommunications*, **2002**, 13, 341-350		2
40	Computational costs of fast stochastic simulation techniques for Markovian fluid models in multiservice networks. *Simulation Modelling Practice and Theory*, **2002**, 9, 255-272		2
39	Cross-entropy-based adaptive optimization of simulation parameters for Markovian-driven service systems. *Simulation Modelling Practice and Theory*, **2005**, 13, 619-645	3.9	2
38	Cost Based Termination Access Charges in Mobile Sector: Some Considerations. *Recent Patents on Computer Science*, **2008**, 1, 208-218	1	2
37	Computation of the Insurance Premium for Cloud Services Based on Fourth-Order Statistics. *International Journal of Simulation: Systems, Science and Technology*,	1.5	2
36	Balancing Leasing and Insurance Costs to Achieve Total Risk Coverage in Cloud Storage Multi-homing. *Lecture Notes in Computer Science*, **2014**, 146-158	0.9	2
35	Economics-Driven Short-Term Traffic Management in MPLS-Based Self-adaptive Networks. *Lecture Notes in Computer Science*, **2009**, 244-249	0.9	2
34	Understanding and Preventing Tacit Collusion among Telecommunication Operators. *Lecture Notes in Computer Science*, **2009**, 249-263	0.9	2
33	Cournot Equilibrium in an Owner-Renter Model for 5G Networks under Flat-Rate Pricing **2020**,		2

32	**2016**,		2
31	Predicting the performance of TV series through textual and network analysis: The case of Big Bang Theory. *PLoS ONE*, **2019**, 14, e0225306	3.7	2
30	Forecast Uncertainty in Procurement Decisions for Cloud Storage **2014**,		1
29	Evaluation of customer's losses and value-at-risk under cloud outages **2017**,		1
28	Calibration of the Gordon-Loeb Models for the Probability of Security Breaches **2017**,		1
27	Impact on retail prices of non-neutral wholesale prices for content providers **2012**,		1
26	Traffic-based network clustering **2010**,		1
25	Pricing of reservations for time-limited spectrum leases under overbooking **2010**,		1
24	A Model for the Dynamics of Bidders in the Simulation of Keyword Auctions **2011**,		1
23	The Competitor Busting Strategy in Keyword Auctions: Who's Worst Hit? **2011**,		1
22	Standardization of traffic measurements and models for broadband networks: open issues. *Computer Networks*, **1998**, 30, 1327-1340		1
21	Estimation of Point-to-Point Traffic in Circuit-Switched Networks. *European Transactions on Telecommunications*, **1999**, 10, 497-504		1
20	Solving the Delay-Constrained Capacitated Minimum Spanning Tree Problem Using a Dandelion-Encoded Evolutionary Algorithm. *Lecture Notes in Computer Science*, **2008**, 151-160	0.9	1
19	Hiding Alice in Wonderland: A Case for the Use of Signal Processing Techniques in Differential Privacy. *Lecture Notes in Computer Science*, **2018**, 77-90	0.9	1
18	A Conversation Analysis of Interactions in Personal Finance Forums. *Studies in Classification, Data Analysis, and Knowledge Organization*, **2020**, 65-74	0.2	1
17	Liability for Data Breaches: A Proposal for a Revenue-Based Sanctioning Approach. *Lecture Notes in Computer Science*, **2013**, 264-277	0.9	1
16	Multi-timescale Economics-Driven Traffic Management in MPLS Networks. *Lecture Notes in Computer Science*, **2011**, 125-140	0.9	1
15	Maturity of Industry 4.0: A Systematic Literature Review of Assessment Campaigns. *Journal of Open Innovation: Technology, Market, and Complexity*, **2022**, 8, 51	3.7	1

14	Personal Finance Decisions with Untruthful Advisors: An Agent-Based Model. *Computational Economics*,1	1.4	1
13	Insurance Pricing and Refund Sustainability for Cloud Outages. *Lecture Notes in Computer Science*, **2017**, 3-17	0.9	0
12	Optimal Investment in Cyber-Security under Cyber Insurance for a Multi-Branch Firm. *Risks*, **2021**, 9, 24	1.6	0
11	Planning a Mass Vaccination Campaign with Balanced Staff Engagement. *Lecture Notes in Business Information Processing*, **2022**, 97-116	0.6	0
10	A 2020 perspective on How to derive causal insights for digital commerce in China? A research commentary on computational social science methods *Electronic Commerce Research and Applications*, **2020**, 41, 100975	4.6	
9	A short-range, high-resolution millimeter-wave surface movement radar. *Annales Des Telecommunications/Annals of Telecommunications*, **1997**, 52, 224-229	2	
8	Comparative evaluation of semiparametric long-memory estimators. *Journal of Statistical Computation and Simulation*, **2006**, 76, 645-654	0.9	
7	Size and shape characteristics of SDH rings. *International Journal of Communication Systems*, **2002**, 15, 771-781	1.7	
6	Data transfer statistics in internet dial-up sessions. *European Transactions on Telecommunications*, **2001**, 12, 285-288		
5	Privacy Through Data Recolouring. *Lecture Notes in Computer Science*, **2020**, 61-72	0.9	
4	Concentration Indices for Dialogue Dominance Phenomena in TV Series: The Case of the Big Bang Theory. *Studies in Classification, Data Analysis, and Knowledge Organization*, **2020**, 55-64	0.2	
3	Simulation of aircraft images for Airport Surface Traffic Control. *Lecture Notes in Computer Science*, **1995**, 689-696	0.9	
2	Simulation of Sequences of Radar Images for Airport Surveillance Applications **1997**, 190-196		
1	Alexa, Is My Data Safe? The (Ir)relevance of Privacy in Smart Speakers Reviews. *International Journal of Human-Computer Interaction*,1-13	3.6	