Maurizio Longo

List of Publications by Year in descending order

57 papers	**1,442** citations	567281 **15** h-index	345221 **36** g-index
57 all docs	**57** docs citations	**57** times ranked	**1491** citing authors

#	Article	IF	Citations
1	Performability Analysis of Containerized IMS through Queueing Networks and Stochastic Models. , 2022, , .		0
2	Availability Evaluation of Multi-Tenant Service Function Chaining Infrastructures by Multidimensional Universal Generating Function. IEEE Transactions on Services Computing, 2021, 14, 1320-1332.	4.6	35
3	Comparative Performability Assessment of SFCs: The Case of Containerized IP Multimedia Subsystem. IEEE Transactions on Network and Service Management, 2021, 18, 258-272.	4.9	16
4	HASFC: A MANO-Compliant Framework for Availability Management of Service Chains. IEEE Communications Magazine, 2021, 59, 52-58.	6.1	7
5	Spatio-temporal resolution enhancement for cloudy thermal sequences. European Journal of Remote Sensing, 2019, 52, 2-14.	3.5	3
6	Availability Analysis of IP Multimedia Subsystem in Cloud Environments. , 2019, , .		3
7	Cyber-Threat Mitigation Exploiting the Birthâ€"Deathâ€"Immigration Model. IEEE Transactions on Information Forensics and Security, 2018, 13, 3137-3152.	6.9	14
8	DDoS Attacks With Randomized Traffic Innovation: Botnet Identification Challenges and Strategies. IEEE Transactions on Information Forensics and Security, 2017, 12, 1844-1859.	6.9	37
9	Botnet identification in multi-clustered DDoS attacks. , 2017, , .		13
10	Botnet identification in randomized DDoS attacks. , 2016, , .		11
11	Sequential Bayesian Methods for Resolution Enhancement of TIR Image Sequences. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 233-243.	4.9	23
12	A decision theory based tool for detection of encrypted WebRTC traffic. , 2015, , .		1
13	Batch Methods for Resolution Enhancement of TIR Image Sequences. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3372-3385.	4.9	9
14	An interpolation-based data fusion scheme for enhancing the resolution of thermal image sequences. , 2014, , .		5
15	Skype traffic detection: A decision theory based tool. , 2014, , .		16
16	A Class of Cloud Detection Algorithms Based on a MAP-MRF Approach in Space and Time. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5100-5115.	6.3	28
17	Surface soil water content estimation based on thermal inertia and Bayesian smoothing. Proceedings of SPIE, 2014, , .	0.8	0
18	Soil water content monitoring: a verification of thermal inertia approaches on low spatial, high temporal resolutions images. Proceedings of SPIE, 2013, , .	0.8	3

#	Article	IF	Citations
19	Semi-Markov models for performance evaluation of failure-prone IP multimedia subsystem core networks. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2013, 227, 290-301.	0.7	5
20	Enhancing TIR image resolution via Interacting Sequential Bayesian Estimation. , 2013, , .		4
21	Enhancing TIR image resolution via bayesian smoothing for IRRISAT irrigation management project. Proceedings of SPIE, 2013, , .	0.8	5
22	Finding an OSPA based object detector by aweakly supervised technique. , 2012, , .		0
23	A sequential Bayesian procedure for integrating heterogeneous remotely sensed data for irrigation management. Proceedings of SPIE, 2012, , .	0.8	4
24	MAP-MRF Cloud Detection Based on PHD Filtering. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2012, 5, 919-929.	4.9	22
25	SVM-based cloud detection aided by contextual information. , 2012, , .		4
26	A pansharpening algorithm based on genetic optimization of Morphological Filters. , 2012, , .		2
27	A multispectral spatio-temporal approach for cloud screening of remotely sensed images. Proceedings of SPIE, 2011, , .	0.8	1
28	Energy-efficient collaborative tracking in wireless sensor networks. International Journal of Sensor Networks, 2011, 9, 124.	0.4	11
29	MAP-MRF cloud detection based on PHD filtering. , 2011, , .		3
30	A Computationally Efficient Method for Sequential MAP-MRF Cloud Detection. Lecture Notes in Computer Science, 2011, , 354-365.	1.3	1
31	SEARCH FOR GRAVITATIONAL-WAVE BURSTS ASSOCIATED WITH GAMMA-RAY BURSTS USING DATA FROM LIGO SCIENCE RUN 5 AND VIRGO SCIENCE RUN 1. Astrophysical Journal, 2010, 715, 1438-1452.	4.5	60
32	Performance analysis of movements detection with RA beaconing in wireless IP networks. International Journal of Wireless and Mobile Computing, 2010, 4, 136.	0.2	4
33	SEARCHES FOR GRAVITATIONAL WAVES FROM KNOWN PULSARS WITH SCIENCE RUN 5 LIGO DATA. Astrophysical Journal, 2010, 713, 671-685.	4.5	155
34	Performance Evaluation of IMS-Based Core Networks in Presence of Failures. , 2010, , .		8
35	A model-based approach for WLAN localization in indoor parking areas. , 2010, , .		5
36	Energy-Efficient Target Tracking in Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 249-264.	0.3	3

#	Article	IF	Citations
37	An upper limit on the stochastic gravitational-wave background of cosmological origin. Nature, 2009, 460, 990-994.	27.8	303
38	Posterior Cramér-Rao bound for range-based target tracking in sensor networks. , 2009, , .		4
39	STACKED SEARCH FOR GRAVITATIONAL WAVES FROM THE 2006 SGR 1900+14 STORM. Astrophysical Journal, 2009, 701, L68-L74.	4.5	45
40	Reliability and survivability methodologies for next generation networks. , 2008, , .		5
41	Energy-efficient tracking strategy for wireless sensor networks. , 2008, , .		5
42	Implications for the Origin of GRB 070201 from LIGO Observations. Astrophysical Journal, 2008, 681, 1419-1430.	4.5	143
43	Search for gravitational-wave bursts in LIGO data from the fourth science run. Classical and Quantum Gravity, 2007, 24, 5343-5369.	4.0	78
44	Connectivity of Ad Hoc Networks with Link Asymmetries Induced by Shadowing. IEEE Communications Letters, 2007, 11, 495-497.	4.1	11
45	MIPv6 Binding Authentication for B3G Networks. Lecture Notes in Computer Science, 2006, , 170-183.	1.3	1
46	How many templates for GW chirp detection? The minimal-match issue revisited. Classical and Quantum Gravity, 2004, 21, 4955-4961.	4.0	3
47	Gravitational wave chirp search: no-signal cumulative distribution of the maximum likelihood detection statistic. Classical and Quantum Gravity, 2003, 20, S803-S813.	4.0	3
48	Performance of decentralized L-CFAR detection in inhomogeneous background. IEEE Transactions on Aerospace and Electronic Systems, 2000, 36, 1414-1423.	4.7	0
49	OS-CFAR thresholding in decentralized radar systems. IEEE Transactions on Aerospace and Electronic Systems, 1996, 32, 1257-1267.	4.7	13
50	Decentralized encoding of a remote source. Signal Processing, 1996, 55, 15-29.	3.7	6
51	Biparametric CFAR procedures for lognormal clutter. IEEE Transactions on Aerospace and Electronic Systems, 1993, 29, 798-809.	4.7	54
52	Biparametric linear estimation for CFAR against Weibull clutter. IEEE Transactions on Aerospace and Electronic Systems, 1992, 28, 138-151.	4.7	58
53	Quantization for decentralized hypothesis testing under communication constraints. IEEE Transactions on Information Theory, 1990, 36, 241-255.	2.4	148
54	Logarithmic transformations for extrapolative estimation of probability tails. Reliability Engineering and System Safety, 1989, 26, 119-133.	8.9	5

#	Article	IF	Citations
55	Estimation of probability tails based on generalized extreme value distributions. Reliability Engineering and System Safety, 1988, 20, 219-242.	8.9	9
56	Comparative performance analysis of some extrapolative estimators of probability tails. IEEE Journal on Selected Areas in Communications, 1988, 6, 76-84.	14.0	25
57	3-D adaptive predictive coding of moving images by block segmentation. Signal Processing, 1982, 4, 313-321.	3.7	2