

Luca De Cicco

List of Publications by Year in descending order

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58
papers

1,364
citations

687363

13
h-index

642732

23
g-index

59
all docs

59
docs citations

59
times ranked

874
citing authors

#	ARTICLE	IF	CITATIONS
1	Bitrate Reduction for Omnidirectional Video Streaming: Comparing Variable Quantization Parameter and Variable Resolution Approaches. , 2021, , .		1
2	Synchronizing Live Video Streaming Players Via Consensus. , 2021, , .		0
3	A DASH 360° immersive video streaming control system. Internet Technology Letters, 2020, 3, e175.	1.9	2
4	A Multi-Commodity Flow Problem for Fair Resource Allocation in Multi-Path Video Delivery Networks. IFAC-PapersOnLine, 2020, 53, 7386-7391.	0.9	4
5	TAPAS-360°: A Tool for the Design and Experimental Evaluation of 360° Video Streaming Systems. , 2020, , .		3
6	Reducing the network bandwidth requirements for 360° immersive video streaming. Internet Technology Letters, 2019, 2, e118.	1.9	4
7	ERUDITE. , 2019, , .		9
8	QoE-driven resource allocation for massive video distribution. Ad Hoc Networks, 2019, 89, 170-176.	5.5	9
9	QoE-fair Resource Allocation for DASH Video Delivery Systems. , 2019, , .		3
10	Cyber-physical architecture assisted by programmable networking. Internet Technology Letters, 2018, 1, e44.	1.9	5
11	Modeling and Design of Adaptive Video Streaming Control Systems. IEEE Transactions on Control of Network Systems, 2018, 5, 548-559.	3.7	10
12	Adaptive control for theoretic detection of integrity attacks against cyber-physical industrial systems. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3209.	3.9	14
13	A DASH video streaming system for immersive contents. , 2018, , .		4
14	Controlling queuing delays for real-time communication. Computer Communication Review, 2018, 46, 1-7.	1.8	15
15	The Web, the Users, and the MOS: Influence of HTTP/2 on User Experience. Lecture Notes in Computer Science, 2017, , 47-59.	1.3	21
16	Congestion Control for Web Real-Time Communication. IEEE/ACM Transactions on Networking, 2017, 25, 2629-2642.	3.8	63
17	Design and Performance Evaluation of Network-assisted Control Strategies for HTTP Adaptive Streaming. ACM Transactions on Multimedia Computing, Communications and Applications, 2017, 13, 1-24.	4.3	28
18	On the use of watermark-based schemes to detect cyber-physical attacks. Eurasip Journal on Information Security, 2017, 2017, .	3.1	29

#	ARTICLE	IF	CITATIONS
19	Measuring the Quality of Experience of Web users. , 2016, , .		30
20	Design and experimental evaluation of network-assisted strategies for HTTP adaptive streaming. , 2016, , .		57
21	Measuring the Quality of Experience of Web users. Computer Communication Review, 2016, 46, 8-13.	1.8	48
22	Revisiting a Watermark-Based Detection Scheme to Handle Cyber-Physical Attacks. , 2016, , .		15
23	A hybrid model of adaptive video streaming control systems. , 2016, , .		4
24	A hybrid model of the Akamai adaptive streaming control system. Nonlinear Analysis: Hybrid Systems, 2016, 21, 139-154.	3.5	1
25	A Control-Theoretic Analysis of Low-Priority Congestion Control Reprioritization under AQM. ACM Transactions on Modeling and Performance Evaluation of Computing Systems, 2016, 1, 1-33.	0.9	2
26	Analysis and design of the google congestion control for web real-time communication (WebRTC). , 2016, , .		113
27	Making Google Congestion Control robust over Wi-Fi networks using packet grouping. , 2016, , .		2
28	Congestion control for real-time communications: A comparison between NADA and GCC. , 2016, , .		3
29	Event-Triggered Watermarking Control to Handle Cyber-Physical Integrity Attacks. Lecture Notes in Computer Science, 2016, , 3-19.	1.3	9
30	Local SIP Overload Control: Controller Design and Optimization by Extremum Seeking. IEEE Transactions on Control of Network Systems, 2015, 2, 267-277.	3.7	16
31	Characterizing adaptive video streaming control systems. , 2015, , .		3
32	HTTP over UDP. , 2015, , .		113
33	Modelling and control for web real-time communication. , 2014, , .		5
34	TAPAS. , 2014, , .		30
35	A Control Architecture for Massive Adaptive Video Streaming Delivery. , 2014, , .		11
36	The trade-off between robustness and disturbance rejection for congestion control algorithms based on a modified smith-predictor. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
37	TCP congestion control over HSDPA: An experimental evaluation. , 2014, , .		3
38	An Adaptive Video Streaming Control System: Modeling, Validation, and Performance Evaluation. IEEE/ACM Transactions on Networking, 2014, 22, 526-539.	3.8	71
39	Impact of TCP congestion control on bufferbloat in cellular networks. , 2013, , .		23
40	Experimental investigation of the google congestion control for real-time flows. , 2013, , .		31
41	ELASTIC: A Client-Side Controller for Dynamic Adaptive Streaming over HTTP (DASH). , 2013, , .		137
42	Understanding the Dynamic Behaviour of the Google Congestion Control for RTCWeb. , 2013, , .		17
43	Local SIP overload control: Controller design and optimization by Extremum Seeking. , 2013, , .		3
44	A resource allocation controller for cloud-based adaptive video streaming. , 2013, , .		8
45	Local SIP Overload Control. Lecture Notes in Computer Science, 2013, , 204-215.	1.3	1
46	An experimental evaluation of Akamai adaptive video streaming over HSDPA networks. , 2011, , .		8
47	Robust stability analysis of Smith predictor-based congestion control algorithms for computer networks. Automatica, 2011, 47, 1685-1692.	5.0	30
48	Skype Video congestion control: An experimental investigation. Computer Networks, 2011, 55, 558-571.	5.1	35
49	Feedback control for adaptive live video streaming. , 2011, , .		167
50	An Experimental Investigation of the Akamai Adaptive Video Streaming. Lecture Notes in Computer Science, 2010, , 447-464.	1.3	39
51	A Mathematical Model of the Skype VoIP Congestion Control Algorithm. IEEE Transactions on Automatic Control, 2010, 55, 790-795.	5.7	37
52	A Mismatch Controller for implementing high-speed rate-based transport protocols. , 2009, , .		1
53	Robust Stability Analysis of a Class of Smith Predictor-based Congestion Control Algorithms for Computer Networks. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 201-206.	0.4	3
54	Skype video responsiveness to bandwidth variations. , 2008, , .		40

#	ARTICLE	IF	CITATIONS
55	A mathematical model of the Skype VoIP congestion control algorithm. , 2008, , .		8
56	Design and implementation of a framework for persistent identification and communication in emerging networks. , 2008, , .		0
57	An Experimental Investigation of the Congestion Control Used by Skype VoIP. Lecture Notes in Computer Science, 2007, , 153-164.	1.3	13
58	TCP Versus TFRC over Wired and Wireless Internet Scenarios: An Experimental Evaluation. Lecture Notes in Computer Science, 2006, , 530-541.	1.3	1