

# John Apostolopoulos

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

652  
citations

840776

11  
h-index

1058476

14  
g-index

31  
all docs

31  
docs citations

31  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-Time Monitoring of Video Quality in IP Networks. IEEE/ACM Transactions on Networking, 2008, 16, 1052-1065.	3.8	80
2	Layered Constructions for Low-Delay Streaming Codes. IEEE Transactions on Information Theory, 2017, 63, 111-141.	2.4	71
3	Fusion of Median and Bilateral Filtering for Range Image Upsampling. IEEE Transactions on Image Processing, 2013, 22, 4841-4852.	9.8	68
4	Channel, deadline, and distortion ( $C D^{>2}</sup></sup>)$ aware scheduling for video streams over wireless. IEEE Transactions on Wireless Communications, 2010, 9, 1001-1011.	9.2	51
5	Fusion of active and passive sensors for fast 3D capture. , 2010, , .		51
6	Streaming codes for channels with burst and isolated erasures. , 2013, , .		48
7	Optimal Streaming Codes for Channels With Burst and Arbitrary Erasures. IEEE Transactions on Information Theory, 2019, 65, 4274-4292.	2.4	45
8	Perfecting Protection for Interactive Multimedia: A survey of forward error correction for low-delay interactive applications. IEEE Signal Processing Magazine, 2017, 34, 95-113.	5.6	39
9	Real-time monitoring of video quality in IP networks. , 2005, , .		31
10	Streaming Codes With Partial Recovery Over Channels With Burst and Isolated Erasures. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 501-516.	10.8	29
11	Rate-Distortion-Authentication Optimized Streaming of Authenticated Video. IEEE Transactions on Circuits and Systems for Video Technology, 2007, 17, 544-557.	8.3	24
12	FEC for VoIP using dual-delay streaming codes. , 2017, , .		19
13	Optimal Streaming Erasure Codes Over the Three-Node Relay Network. IEEE Transactions on Information Theory, 2020, 66, 2696-2712.	2.4	17
14	The Challenge of Estimating Video Quality in Video Communication Applications [In the Spotlight]. IEEE Signal Processing Magazine, 2012, 29, 160-158.	5.6	15
15	Multiplexed Coding for Multiple Streams With Different Decoding Delays. IEEE Transactions on Information Theory, 2018, 64, 4365-4378.	2.4	11
16	High Rate Streaming Codes Over the Three-Node Relay Network. , 2021, , .		11
17	On Streaming Codes With Unequal Error Protection. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 1165-1179.	2.5	10
18	Optimal Streaming Codes for Channels with Burst and Arbitrary Erasures. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	Low-Latency Network-Adaptive Error Control for Interactive Streaming. IEEE Transactions on Multimedia, 2022, 24, 1691-1706.	7.2	6
20	Low-Latency Network-Adaptive Error Control for Interactive Streaming. , 2019, , .		6
21	Optimal Streaming Erasure Codes over the Three-Node Relay Network. , 2019, , .		4
22	Streaming Erasure Codes over Multi-Access Relay Networks. , 2021, , .		4
23	Generalized Butterfly Graph and Its Application to Video Stream Authentication. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 965-977.	8.3	2
24	Optimal Multiplexed Erasure Codes for Streaming Messages with Different Decoding Delays. , 2019, , .		2
25	Joint FEC across Multiple Streams with Different Playout Deadlines. , 2016, , .		1
26	Guaranteed Rate of Streaming Erasure Codes over Multi-Link Multi-hop Network. , 2021, , .		1
27	Rate-Distortion-Authentication Optimized Streaming with Multiple Deadlines. , 2007, , .		0
28	Deadline aware packet scheduling in switches for multimedia streaming applications. , 2013, , .		0
29	Software defined networking for video: Overview & multicast study. , 2015, , .		0
30	Content-independent and loss-pattern-aware distortion evaluation for streaming media. , 2016, , .		0
31	Multiplexed FEC for multiple streams with different playout deadlines. , 2017, , .		0