

# Antonio Garrido del Solo

## List of Publications by Year in descending order

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53  
papers

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citations

1163117

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1125743

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55  
all docs

55  
docs citations

55  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fast MB Mode Decision Algorithm for MPEG-2 to H.264 P-Frame Transcoding. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 172-185.	8.3	38
2	Lasagna: Programming Abstractions for End-to-End Slicing in Software-Defined WLANs. , 2018, , .		21
3	feedback free DVC architecture using machine learning. , 2008, , .		20
4	An MPEG-2 to H.264 Video Transcoder in the Baseline Profile. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 763-768.	8.3	20
5	Efficient 3D wavelet transform decomposition for video compression. , 0, , .		17
6	Joint Mobility Management and Multicast Rate Adaptation in Software-Defined Enterprise WLANs. IEEE Transactions on Network and Service Management, 2018, 15, 625-637.	4.9	17
7	Performance evaluation of cell discarding mechanisms for the distribution of VBR MPEG-2 video over ATM networks. IEEE Transactions on Broadcasting, 1998, 44, 206-215.	3.2	15
8	B-EDCA: A QoS mechanism for multimedia communications over heterogeneous 802.11/802.11e WLANs. Computer Communications, 2008, 31, 3905-3921.	5.1	15
9	Dynamic AIFSN tuning for improving the QoS over IEEE 802.11 WLANs. , 2015, , .		15
10	Loss-resilient ATM protocol architecture for MPEG-2 video communications. IEEE Journal on Selected Areas in Communications, 2000, 18, 1075-1086.	14.0	13
11	An efficient protocol architecture for error-resilient MPEG-2 video communications over ATM networks. IEEE Transactions on Broadcasting, 1999, 45, 129-140.	3.2	12
12	Efficient Real-Time Content Distribution for Multiple Multicast Groups in SDN-Based WLANs. IEEE Transactions on Network and Service Management, 2018, 15, 430-443.	4.9	11
13	Wi-balance: Channel-aware user association in software-defined Wi-Fi networks. , 2018, , .		11
14	Wi-balance: SDN-based load-balancing in enterprise WLANs. , 2017, , .		8
15	Distributed Video Coding using Turbo Trellis Coded Modulation. Visual Computer, 2009, 25, 69-82.	3.5	7
16	Video adaptation for mobile digital television. , 2010, , .		7
17	Video transcoding for mobile digital television. Telecommunication Systems, 2013, 52, 2655-2666.	2.5	7
18	SDN@Play: Software-Defined Multicasting in Enterprise WLANs. IEEE Communications Magazine, 2019, 57, 85-91.	6.1	7

#	ARTICLE	IF	CITATIONS
19	Programming abstractions for wireless multicasting in software-defined enterprise WLANs. , 2017, , .		5
20	SDN@Play: A multicast rate adaptation mechanism for IEEE 802.11 WLANs. , 2017, , .		5
21	User Association in Software-Defined Wi-Fi Networks for Enhanced Resource Allocation. , 2020, , .		5
22	A tool for the analysis of reconfiguration and routing algorithms in irregular networks. Lecture Notes in Computer Science, 1998, , 159-173.	1.3	4
23	An Adaptive Medium Access Parameter Prediction Scheme for IEEE 802.11 Real-Time Applications. Wireless Communications and Mobile Computing, 2017, 2017, 1-19.	1.2	4
24	WiMCA: multi-indicator client association in software-defined Wi-Fi networks. Wireless Networks, 2021, 27, 3109-3125.	3.0	4
25	A simulation tool of parallel architectures for digital image processing applications based on DLX processors. , 0, , .		3
26	Error resilient video transmission over ATM networks. , 1999, 37, 106-111.		3
27	Control Mechanisms for Error-Resilient MPEG-2 Video Communications over ATM Networks. Real Time Imaging, 2000, 6, 359-373.	1.6	3
28	A fast intra-frame prediction algorithm for MPEG-2/H.264 video transcoders. , 2005, , .		3
29	Computational Complexity Reduction of Intra-Frame Prediction in MPEG-2/H. 264 Video Transcoders. , 2005, , .		3
30	Simple intra prediction algorithms for heterogeneous MPEG-2/H.264 video transcoders. Multimedia Tools and Applications, 2008, 38, 1-25.	3.9	3
31	Wyner-Ziv to H.264 video transcoder for mobile telephony. , 2009, , .		3
32	Temporal video transcoding for Digital TV broadcasting. , 2012, , .		3
33	An AIFSN Prediction Scheme for Multimedia Wireless Communications. , 2015, , .		3
34	H.264/AVC-to-SVC temporal video transcoder for video broadcasting in wireless networks. Multimedia Tools and Applications, 2016, 75, 497-525.	3.9	3
35	Improving the robustness of MPEG-4 video communications over wireless/3G mobile networks. , 0, , .		2
36	Breakpoint Tuning in DCT-Based Nonlinear Layered Video Codecs. Eurasip Journal on Advances in Signal Processing, 2004, 2004, 1.	1.7	2

#	ARTICLE	IF	CITATIONS
37	On the impact of the GOP size in an H.264/AVC-to-SVC transcoder with temporal scalability. , 2010, , .		2
38	Low complexity adaptation for mobile video environments using data mining. , 2011, , .		2
39	On the impact of the GOP size in a temporal H.264/AVC-to-SVC transcoder in baseline and main profile. Multimedia Systems, 2013, 19, 163-177.	4.7	2
40	An Approach for an AVC to SVC Transcoder with Temporal Scalability. Lecture Notes in Computer Science, 2010, , 225-232.	1.3	2
41	Control mechanisms to improve the robustness of mpeg-2 based communications over ATM networks. Annales Des Telecommunications/Annals of Telecommunications, 2000, 55, 288-301.	2.5	1
42	The need of multicast predictive NFS servers for high-speed networks used as parallel multimedia platforms. , 0, , .		1
43	Design and Evaluation of a QoS-aware Framework for HIPERLAN/2 Networks. Wireless Personal Communications, 2005, 34, 67-90.	2.7	1
44	An H.264/AVC to SVC TemporalTranscoder in Baseline profile digest of technical papers. , 2011, , .		1
45	Low-complexity transcoding algorithm from H.264/AVC to SVC using data mining. Eurasip Journal on Advances in Signal Processing, 2013, 2013, .	1.7	1
46	Temporal video transcoding from H.264/AVC-to-SVC for digital TV broadcasting. Telecommunication Systems, 2016, 61, 21-41.	2.5	1
47	Demo: SDN@Play as a strategy to enhance the multicast delivery rate in WLANs. , 2017, , .		1
48	Interconnection network behavior on a multicomputer in the parallelization of the MPEG coding algorithm. Worm-hole vs. packet-switching routing. , 0, , .		0
49	Error resilient in MPEG-2 video transmission over wireless ATM networks. , 0, , .		0
50	A class-based allocation mechanism for delay sensitive traffic in WLANs. , 0, , .		0
51	On the capabilities of intra-frame prediction in H.264 video encoders. , 0, , .		0
52	Scalable video transcoding for mobile communications. Telecommunication Systems, 2014, 55, 173.	2.5	0
53	Fast Mode Decision Algorithm for H.264/AVC-to-SVC Transcoding with Temporal Scalability. Lecture Notes in Computer Science, 2012, , 585-596.	1.3	0