

Krzysztof Szczypiorski

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78
papers

771
citations

14
h-index

25
g-index

102
ext. papers

916
ext. citations

2
avg, IF

4.5
L-index

#	Paper	IF	Citations
78	Trends in steganography. <i>Communications of the ACM</i> , 2014 , 57, 86-95	2.5	126
77	Steganography of VoIP Streams. <i>Lecture Notes in Computer Science</i> , 2008 , 1001-1018	0.9	59
76	Using transcoding for hidden communication in IP telephony. <i>Multimedia Tools and Applications</i> , 2014 , 70, 2139-2165	2.5	52
75	2014 , 52, 225-229		35
74	Retransmission steganography and its detection. <i>Soft Computing</i> , 2011 , 15, 505-515	3.5	32
73	Steganalysis of transcoding steganography. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2014 , 69, 449-460	2	26
72	Hiding information in a Stream Control Transmission Protocol. <i>Computer Communications</i> , 2012 , 35, 159-169	3.69	26
71	Covert Channels in SIP for VoIP Signalling. <i>Communications in Computer and Information Science</i> , 2008 , 65-72	0.3	26
70	Vice over IP. <i>IEEE Spectrum</i> , 2010 , 47, 42-47	1.7	25
69	Steganography in IEEE 802.11 OFDM symbols. <i>Security and Communication Networks</i> , 2016 , 9, 118-129	1.9	18
68	SkyDe: a Skype-based Steganographic Method. <i>International Journal of Computers, Communications and Control</i> , 2013 , 8, 432	3.6	18
67	Information Hiding Using Improper frame padding 2010 ,		17
66	Steganography in OFDM Symbols of Fast IEEE 802.11n Networks 2013 ,		16
65	Hiding Data in OFDM Symbols of IEEE 802.11 Networks 2010 ,		16
64	Evaluation of steganographic methods for oversized IP packets. <i>Telecommunication Systems</i> , 2012 , 49, 207-217	2.3	14
63	YouSkyde: information hiding for Skype video traffic. <i>Multimedia Tools and Applications</i> , 2016 , 75, 13521-13540	2.11	11
62	Towards Effective Security Framework for Vehicular Ad-Hoc Networks. <i>Journal of Advances in Computer Networks</i> , 2015 , 3, 134-140	0.5	11

61	Improving Bus Ride Comfort Using GLOSA-Based Dynamic Speed Optimisation 2014 ,			11
60	A Performance Analysis of HICCUPS--A Steganographic System for WLAN 2009 ,			10
59	Steganography in WiMAX networks 2013 ,			9
58	Influence of speech codecs selection on transcoding steganography. <i>Telecommunication Systems</i> , 2015 , 59, 305-315	2.3		9
57	Security and privacy issues for the network of the future. <i>Security and Communication Networks</i> , 2012 , 5, 987-1005	1.9		9
56	StegTorrent: A Steganographic Method for the P2P File Sharing Service 2013 ,			9
55	Steganography in Long Term Evolution Systems 2014 ,			8
54	PadSteg: introducing inter-protocol steganography. <i>Telecommunication Systems</i> , 2011 , 52, 1101	2.3		8
53	Stream Control Transmission Protocol Steganography 2010 ,			8
52	Is Cloud Computing Steganography-proof? 2011 ,			8
51	Application of Perfectly Undetectable Network Steganography Method for Malware Hidden Communication 2018 ,			8
50	Four ways to smuggle messages through internet services. <i>IEEE Spectrum</i> , 2013 , 50, 42-45	1.7		7
49	Direct Sequence Spread Spectrum Steganographic Scheme for IEEE 802.15.4 2011 ,			7
48	Saturation throughput analysis of IEEE 802.11g (ERP-OFDM) networks. <i>Telecommunication Systems</i> , 2008 , 38, 45-52	2.3		7
47	A performance analysis of HICCUPS _B steganographic system for WLAN. <i>Telecommunication Systems</i> , 2012 , 49, 255-259	2.3		6
46	Perfect undetectability of network steganography. <i>Security and Communication Networks</i> , 2016 , 9, 2998-3010			5
45	Using Facebook for Image Steganography 2015 ,			5
44	Improving Hard Disk Contention-Based Covert Channel in Cloud Computing 2014 ,			5

43	On importance of steganographic cost for network steganography. <i>Security and Communication Networks</i> , 2016 , 9, 781-790	1.9	5
42	What are suspicious VoIP delays?. <i>Multimedia Tools and Applications</i> , 2012 , 57, 109-126	2.5	4
41	Retransmission Steganography Applied 2010 ,		4
40	Steganography in Handling Oversized IP Packets 2009 ,		4
39	Performance Evaluation of IEEE 802.11 DCF Networks 2007 , 1084-1095		4
38	Discussion on IoT Security Recommendations against the State-of-the-Art Solutions. <i>Electronics (Switzerland)</i> , 2021 , 10, 1814	2.6	4
37	StegHash: New Method for Information Hiding in Open Social Networks. <i>International Journal of Electronics and Telecommunications</i> , 2016 , 62, 347-352		4
36	Network steganalysis: Detection of steganography in IEEE 802.11 wireless networks 2013 ,		3
35	Yet Another Pseudorandom Number Generator. <i>International Journal of Electronics and Telecommunications</i> , 2017 , 63, 195-199		3
34	On steganography in lost audio packets. <i>Security and Communication Networks</i> , 2014 , 7, 2602-2615	1.9	3
33	Towards steganography detection through network traffic visualisation 2012 ,		3
32	On information hiding in retransmissions. <i>Telecommunication Systems</i> , 2011 , 52, 1113	2.3	3
31	How Hidden Can be Even More Hidden? 2011 ,		3
30	“The Good, The Bad and The Ugly” Evaluation of Wi-Fi Steganography. <i>Journal of Communications</i> , 2015 ,	0.5	3
29	Network Steganography in the DNS Protocol. <i>International Journal of Electronics and Telecommunications</i> , 2016 , 62, 343-346		3
28	TrustMAS: Trusted Communication Platform for Multi-Agent Systems. <i>Lecture Notes in Computer Science</i> , 2008 , 1019-1035	0.9	3
27	Multilayer Detection of Network Steganography. <i>Electronics (Switzerland)</i> , 2020 , 9, 2128	2.6	3
26	LuxSteg: First Practical Implementation of Steganography in VLC. <i>IEEE Access</i> , 2018 , 6, 74366-74375	3.5	3

25	Big Data Analytics for Information Security. <i>Security and Communication Networks</i> , 2018 , 2018, 1-2	1.9	2
24	On the undetectability of transcoding steganography. <i>Security and Communication Networks</i> , 2015 , 8, 3804-3814	1.9	2
23	Distributed Automated Vehicle Location (AVL) System Based on Connected Vehicle Technology 2015 ,		2
22	Steg Blocks: Ensuring Perfect Undetectability of Network Steganography 2015 ,		2
21	Evaluation of Efficiency of Transcoding Steganography. <i>Journal of Homeland Security and Emergency Management</i> , 2014 , 11, 555-578	1.2	2
20	Performance analysis of IEEE 802.11 DCF networks. <i>Journal of Zhejiang University: Science A</i> , 2008 , 9, 1309-1317	2.1	2
19	MoveSteg: A Method of Network Steganography Detection. <i>International Journal of Electronics and Telecommunications</i> , 2016 , 62, 335-341		2
18	Steglbiza: New method for information hiding in club music 2016 ,		2
17	Guest Editors Introduction: Special Issue on Cyber Crime. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2016 , 13, 146-147	3.9	2
16	Blockchain-Based Smart Contracts for Sustainable Power Investments 2018 ,		2
15	Saturation Throughput Analysis of IEEE 802.11g (ERP-OFDM) Networks 2007 , 196-205		2
14	Network Steganography Countermeasures 2016 , 207-242		1
13	Toward network steganography detection. <i>Telecommunication Systems</i> , 2012 , 49, 161-162	2.3	1
12	VAST: Versatile Anonymous System for Web Users 2005 , 71-82		1
11	Steganography Training: a Case Study from University of Shumen in Bulgaria. <i>International Journal of Electronics and Telecommunications</i> , 2016 , 62, 315-318		1
10	The covert channel over HTTP protocol 2016 ,		1
9	Anomaly Detection in Cyclic Communication in OT Protocols. <i>Energies</i> , 2022 , 15, 1517	3.1	1
8	Network Steganography 2016 , 1-30		0

- 7 Dataset Generation for Development of Multi-Node Cyber Threat Detection Systems. *Electronics (Switzerland)*, **2021**, 10, 2711 2.6 0
- 6 Towards Self-defending Mechanisms Using Data Mining in the EFIPSANS Framework. *Advances in Intelligent and Soft Computing*, **2010**, 143-151 0
- 5 Detection of Image Steganography Using Deep Learning and Ensemble Classifiers. *Electronics (Switzerland)*, **2022**, 11, 1565 2.6 0
- 4 Examples of Information Hiding Methods for Popular Internet Services **2016**, 163-206
- 3 Control Protocols for Reliable Network Steganography **2016**, 89-116
- 2 Networks for the e-society. *Telecommunication Systems*, **2011**, 52, 931 2.3
- 1 Micropayments with Privacy  New Proposal for E-commerce **2005**, 175-185