

R Chandramouli

List of Publications by Year in descending order

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63
papers

2,200
citations

687363

13
h-index

526287

27
g-index

64
all docs

64
docs citations

64
times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Spectrum Access with QoS and Interference Temperature Constraints. IEEE Transactions on Mobile Computing, 2007, 6, 423-433.	5.8	383
2	Dynamic spectrum access in open spectrum wireless networks. IEEE Journal on Selected Areas in Communications, 2006, 24, 626-637.	14.0	306
3	Analysis of LSB based image steganography techniques. , 0, , .		243
4	Author gender identification from text. Digital Investigation, 2011, 8, 78-88.	3.2	178
5	Price dynamics in competitive agile spectrum access markets. IEEE Journal on Selected Areas in Communications, 2007, 25, 613-621.	14.0	170
6	Stochastic Learning Solution for Distributed Discrete Power Control Game in Wireless Data Networks. IEEE/ACM Transactions on Networking, 2008, 16, 932-944.	3.8	104
7	Studying energy trade offs in offloading computation/compilation in Java-enabled mobile devices. IEEE Transactions on Parallel and Distributed Systems, 2004, 15, 795-809.	5.6	97
8	Opportunistic Encryption: A Trade-Off between Security and Throughput in Wireless Networks. IEEE Transactions on Dependable and Secure Computing, 2007, 4, 313-324.	5.4	68
9	Exploiting Channel Fragmentation and Aggregation/Bonding to Create Security Vulnerabilities. IEEE Transactions on Vehicular Technology, 2014, 63, 3867-3874.	6.3	60
10	Adaptive downlink scheduling and rate selection: a cross-layer design. IEEE Journal on Selected Areas in Communications, 2005, 23, 1287-1297.	14.0	59
11	A Game Theoretic Framework for Distributed Self-Coexistence Among IEEE 802.22 Networks. , 2008, , .		56
12	A mathematical framework for active steganalysis. Multimedia Systems, 2003, 9, 303-311.	4.7	53
13	Secret key estimation in sequential steganography. IEEE Transactions on Signal Processing, 2005, 53, 746-757.	5.3	37
14	Priority Based Dynamic Spectrum Access with QoS and Interference Temperature Constraints. , 2006, , .		26
15	Human behavior inspired cognitive radio network design. , 2008, 46, 122-127.		26
16	Gender identification from E-mails. , 2009, , .		22
17	Current trends in steganalysis: a critical survey. , 0, , .		20
18	Distributed discrete power control for bursty transmissions over wireless data networks. , 2004, , .		19

#	ARTICLE	IF	CITATIONS
19	Distributed Learning in Secondary Spectrum Sharing Graphical Game. , 2011, , .		16
20	SpiderRadio: A cognitive radio network with commodity hardware and open source software. , 2011, 49, 101-109.		16
21	Least-square estimation of average power in digital CMOS circuits. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2002, 10, 55-58.	3.1	15
22	On stochastic learning in predictive wireless ARQ. Wireless Communications and Mobile Computing, 2008, 8, 871-883.	1.2	14
23	Caco-2 cell lines in drug discovery- an updated perspective. Journal of Basic and Clinical Pharmacy, 2010, 1, 63-9.	9.3	13
24	An adaptive energy-efficient link layer protocol using stochastic learning control. , 0, , .		12
25	Is Channel Fragmentation/bonding in IEEE 802.22 Networks Secure?. , 2011, , .		12
26	Adaptive Stochastic Iterative Rate Selection for Wireless Channels. IEEE Communications Letters, 2004, 8, 292-294.	4.1	11
27	Robust encryption for secure image transmission over wireless channels. , 0, , .		11
28	A Coordinated Distributed Scheme for Cognitive Radio Based IEEE 802.22 Wireless Mesh Networks. , 2008, , .		11
29	Nonparametric Steganalysis of QIM Steganography Using Approximate Entropy. IEEE Transactions on Information Forensics and Security, 2012, 7, 418-431.	6.9	10
30	SpiderRadio: A Cognitive Radio Implementation Using IEEE 802.11 Components. IEEE Transactions on Mobile Computing, 2013, 12, 2105-2118.	5.8	10
31	Nonparametric steganalysis of QIM data hiding using approximate entropy. Proceedings of SPIE, 2008, , .	0.8	8
32	An Attack-Defense Game Theoretic Analysis of Multi-Band Wireless Covert Timing Networks. , 2010, , .		8
33	Reciprocity, fairness and learning in medium access control games. Computer Communications, 2014, 46, 22-28.	5.1	8
34	Active steganalysis of spread spectrum image steganography. , 0, , .		7
35	On the Location of an Eavesdropper in Multiterminal Networks. IEEE Transactions on Information Forensics and Security, 2010, 5, 148-157.	6.9	7
36	Analysis and performance evaluation of a fair channel access protocol for open spectrum wireless networks. , 2005, , .		6

#	ARTICLE	IF	CITATIONS
37	Real-time secondary spectrum sharing with QoS provisioning. , 0, , .		6
38	Joint adaptive rate control and randomized scheduling for multimedia wireless systems. , 2004, , .		5
39	Battery power optimized encryption. , 2004, , .		5
40	Web search steganalysis: some challenges and approaches. , 0, , .		5
41	Secondary Spectrum Access with LT Codes for Delay-Constrained Applications. , 2007, , .		5
42	Security Vulnerability Due to Channel Aggregation/Bonding in LTE and HSPA+ Network. , 2011, , .		5
43	Altruism in social networks: good guys do finish first. Social Network Analysis and Mining, 2013, 3, 167-177.	2.8	5
44	Price-aware bandwidth dynamics for WSPs in heterogeneous wireless networks. Physical Communication, 2014, 12, 63-78.	2.1	5
45	A stochastic technique for on-line prediction and tracking of wireless packet networks. , 2001, , .		4
46	Energy-aware compilation and execution in Java-enabled mobile devices. , 0, , .		3
47	To transmit or not to transmit: an investigation using competitive analysis. , 0, , .		3
48	A network flow based approach for network selection in dynamic spectrum access networks. Information Processing Letters, 2010, 110, 104-107.	0.6	3
49	Economics of Security: Research Challenges. , 2007, , .		2
50	On Adversarial Games in Dynamic Spectrum Access Networking based Covert Timing Channels?. Mobile Computing and Communications Review, 2009, 13, 96-107.	1.7	2
51	Spatio-Temporal Analysis of Passive Consumption in Internet Media. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2839-2850.	5.7	2
52	Perceptually based waterfilling for watermarking. , 0, , .		2
53	Influence of MPEG-4 parameters on system energy. , 0, , .		1
54	Computation and transmission energy modeling through profiling for MPEG4 video transmission. , 2003, , .		1

#	ARTICLE	IF	CITATIONS
55	Block-based frequency scalable technique for efficient hierarchical coding. IEEE Transactions on Signal Processing, 2006, 54, 2559-2566.	5.3	1
56	Impact of Constraints on the Complexity of Dynamic Spectrum Assignment. , 2008, , .		1
57	Joint-channel modeling to attack QIM steganography. Multimedia Tools and Applications, 2016, 75, 13585-13611.	3.9	1
58	Spectrum Management over Dynamic Spectrum Access based HetNets. , 2019, , .		1
59	Power efficient adaptive M-QAM design using adaptive pipelined analog-to-digital converter. , 2002, , .		0
60	F7 - panel discussion I: what's next in wireless multimedia. , 0, , .		0
61	Model-free stochastic learning in adaptive wireless networks. , 2007, , .		0
62	Resource Allocation in Cognitive Radio Networks. , 2008, , 109-125.		0
63	Reciprocity and Fairness in Medium Access Control Games. , 2013, , .		0