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Page(s):1 - 2793
Digital Object Identifier : 10.1109/IEEESTD.2012.6178212
Abstract | Full Text: PDF (25845KB)

2. **Security threats in cloud computing**

Shaikh, F.B. Haider, S.
Internet Technology and Secured Transactions (ICITST), 2011 International Conference for
Page(s):214 - 219
Abstract | Full Text: PDF (606KB)

3. **A fast and elitist multiobjective genetic algorithm: NSGA-II**

Deb, K. Pratap, A. Agarwal, S. Meyarivan, T.
Evolutionary Computation, IEEE Transactions on
Volume: 6 Issue: 2 Date: Apr 2002 Page(s):182 - 197
Digital Object Identifier : 10.1109/4235.996017
Cited by : 2355
Abstract | Full Text: PDF (714KB)

4. **Understanding Cloud Computing Vulnerabilities**

Grobauer, B. Walloschek, T. Stocker, E.
Security & Privacy, IEEE
Volume: 9 Issue: 2 Date: March-April 2011 Page(s):50 - 57
Digital Object Identifier : 10.1109/MSP.2010.115
Cited by : 8
Abstract | Full Text: PDF (726KB)

5. **IEEE Recommended Practice for Software Requirements Specifications**

IEEE Std 830-1998
Page(s):i
Digital Object Identifier : 10.1109/IEEESTD.1998.88286
Cited by : 18
Abstract | Full Text: PDF (404KB)

6. **Cognitive radio: brain-empowered wireless communications**

Haykin, S.
Selected Areas in Communications, IEEE Journal on
Volume: 23 Issue: 2 Date: Feb. 2005 Page(s): 201 - 220
Digital Object Identifier : 10.1109/JSAC.2004.839380
Cited by : 2266
Abstract | Full Text: PDF (600KB)

7. **Particle swarm optimization**

Kennedy, J. Eberhart, R.
Neural Networks, 1995. Proceedings., IEEE International Conference on
Volume: 4 Page(s):1942 - 1948 vol.4
Digital Object Identifier : 10.1109/ICNN.1995.488968
Cited by : 666
Abstract | Full Text: PDF (544KB)

8. **Smart Grid Technologies: Communication Technologies and Standards**

Gungor, V.C. Sahin, D. Kocak, T. Ergut, S. Buccella, C. Cecati, C. Hancke, G.P.
Industrial Informatics, IEEE Transactions on
Volume: 7 Issue: 4 Date: Nov. 2011 Page(s):529 - 539
Digital Object Identifier : 10.1109/TII.2011.2166794
Cited by : 1
Abstract | Full Text: PDF (851KB)

9. **Compressed sensing**
Donoho, D.L.
Information Theory, IEEE Transactions on
Volume: 52 Issue: 4 Date: April 2006 Page(s):1289 - 1306
Digital Object Identifier : 10.1109/TIT.2006.871582
Cited by : 1924
Abstract | Full Text: PDF (483KB)
10. **LTE-advanced: next-generation wireless broadband technology [Invited Paper]**
Ghosh, A. Ratasuk, R. Mondal, B. Mangalvedhe, N. Thomas, T.
Wireless Communications, IEEE
Volume: 17 Issue: 3 Date: June 2010 Page(s):10 - 22
Digital Object Identifier : 10.1109/MWC.2010.5490974
Cited by : 16
Abstract | Full Text: PDF (431KB)
11. **Data Security in the World of Cloud Computing**
Kaufman, L.M.
Security & Privacy, IEEE
Volume: 7 Issue: 4 Date: July-Aug. 2009 Page(s):61 - 64
Digital Object Identifier : 10.1109/MSP.2009.87
Cited by : 13
Abstract | Full Text: PDF (625KB)
12. **Intrusion Detection for Grid and Cloud Computing**
Vieira, K. Schultzer, A. Westphall, C.B. Westphall, C.M.
IT Professional
Volume: 12 Issue: 4 Date: July-Aug. 2010 Page(s):38 - 43
Digital Object Identifier : 10.1109/MITP.2009.89
Cited by : 1
Abstract | Full Text: PDF (1057KB)
13. **Miniaturization of Patch Antennas Using a Metamaterial-Inspired Technique**
Ouedraogo, R.O. Rothwell, E.J. Diaz, A.R. Fuchi, K. Temme, A.
Antennas and Propagation, IEEE Transactions on
Volume: 60 Issue: 5 Date: May 2012 Page(s):2175 - 2182
Digital Object Identifier : 10.1109/TAP.2012.2189699
Abstract | Full Text: PDF (1453KB)
14. **Performance analysis of the IEEE 802.11 distributed coordination function**
Bianchi, G.
Selected Areas in Communications, IEEE Journal on
Volume: 18 Issue: 3 Date: Mar 2000 Page(s):535 - 547
Digital Object Identifier : 10.1109/49.840210
Cited by : 1185
Abstract | Full Text: PDF (312KB)
15. **IEEE Recommended Practices and Requirements for Harmonic Control in Electrical Power Systems**

IEEE Std 519-1992
Page(s):0_1
Digital Object Identifier : 10.1109/IEEESTD.1993.114370
Cited by : 63
Abstract | Full Text: PDF (5151KB)
16. **A survey on sensor networks**
Akyildiz, I.F. Weilian Su Sankarasubramaniam, Y. Cayirci, E.
Communications Magazine, IEEE
Volume: 40 Issue: 8 Date: Aug 2002 Page(s): 102 - 114
Digital Object Identifier : 10.1109/MCOM.2002.1024422
Cited by : 2582
Abstract | Full Text: PDF (990KB)
17. **Cloud computing security threats and responses**
Sabahi, F.
Communication Software and Networks (ICCSN), 2011 IEEE 3rd International Conference on
Page(s):245 - 249
Digital Object Identifier : 10.1109/ICCSN.2011.6014715
Abstract | Full Text: PDF (301KB)
18. **An Introduction To Compressive Sampling**
Candes, E.J. Wakin, M.B.
Signal Processing Magazine, IEEE
Volume: 25 Issue: 2 Date: March 2008 Page(s):21 - 30
Digital Object Identifier : 10.1109/MSP.2007.914731
Cited by : 143

Abstract | Full Text: PDF (1437KB)

19. **Power-Electronic Systems for the Grid Integration of Renewable Energy Sources: A Survey**
Carrasco, J.M. Franquelo, L.G. Bialasiewicz, J.T. Galvan, E. Guisado, R.C.P. Prats, Ma.A.M. Leon, J.I. Moreno-Alfonso, N.
Industrial Electronics, IEEE Transactions on
Volume: 53 Issue: 4 Date: June 2006 Page(s):1002 - 1016
Digital Object Identifier : 10.1109/TIE.2006.878356
Cited by : 403
Abstract | Full Text: PDF (607KB)
20. **Overview of Control and Grid Synchronization for Distributed Power Generation Systems**
Blaabjerg, F. Teodorescu, R. Liserre, M. Timbus, A.V.
Industrial Electronics, IEEE Transactions on
Volume: 53 Issue: 5 Date: Oct. 2006 Page(s):1398 - 1409
Digital Object Identifier : 10.1109/TIE.2006.881997
Cited by : 419
Abstract | Full Text: PDF (911KB)
21. **A survey of spectrum sensing algorithms for cognitive radio applications**
Yucek, T. Arslan, H.
Communications Surveys & Tutorials, IEEE
Volume: 11 Issue: 1 Date: First Quarter 2009 Page(s):116 - 130
Digital Object Identifier : 10.1109/SURV.2009.090109
Cited by : 121
Abstract | Full Text: PDF (521KB)
22. **A Computational Approach to Edge Detection**
Canny, John
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: PAMI-8 Issue: 6 Date: Nov. 1986 Page(s):679 - 698
Digital Object Identifier : 10.1109/TPAMI.1986.4767851
Cited by : 258
Abstract | Full Text: PDF (7141KB)
23. **Cooperative communications for wireless networks: techniques and applications in LTE-advanced systems**
Qian Li Hu, R.Q. Yi Qian Geng Wu
Wireless Communications, IEEE
Volume: 19 Issue: 2 Date: April 2012 Page(s):22 - 29
Digital Object Identifier : 10.1109/MWC.2012.6189409
Abstract | Full Text: PDF (299KB)
24. **Multilevel inverters: a survey of topologies, controls, and applications**
Rodriguez, J. Jih-Sheng Lai Fang Zheng Peng
Industrial Electronics, IEEE Transactions on
Volume: 49 Issue: 4 Date: Aug 2002 Page(s): 724 - 738
Digital Object Identifier : 10.1109/TIE.2002.801052
Cited by : 777
Abstract | Full Text: PDF (503KB)
25. **A Low Power Inductorless LNA With Double G_m Enhancement in 130 nm CMOS**
Belmas, F. Hameau, F. Fournier, J.
Solid-State Circuits, IEEE Journal of
Volume: 47 Issue: 5 Date: May 2012 Page(s):1094 - 1103
Digital Object Identifier : 10.1109/JSSC.2012.2185533
Abstract | Full Text: PDF (2408KB)
26. **Cloud Computing learning**
Kalagiakos, P. Karampelas, P.
Application of Information and Communication Technologies (AICT), 2011 5th International Conference on
Page(s):1 - 4
Digital Object Identifier : 10.1109/ICAICT.2011.6110925
Abstract | Full Text: PDF (222KB)
27. **A tutorial on hidden Markov models and selected applications in speech recognition**
Rabiner, L.R.
Proceedings of the IEEE
Volume: 77 Issue: 2 Date: Feb 1989 Page(s):257 - 286
Digital Object Identifier : 10.1109/5.18626
Cited by : 1377
Abstract | Full Text: PDF (2272KB)
28. **A Survey on Smart Grid Communication Infrastructures: Motivations, Requirements and Challenges**
Yan, Y. Qian, Y. Sharif, H. Tipper, D.
Communications Surveys & Tutorials, IEEE
Volume: PP Issue: 99 Date: 0 Page(s):1 - 16
Digital Object Identifier : 10.1109/SURV.2012.021312.00034

[Abstract](#) | [Full Text: PDF \(2442KB\)](#)

29. **Spectrum Sensing for Cognitive Radio : State-of-the-Art and Recent Advances**
Axell, E. Leus, G. Larsson, E.G. Poor, H.V.
Signal Processing Magazine, IEEE
Volume: 29 Issue: 3 Date: May 2012 Page(s):101 - 116
Digital Object Identifier : 10.1109/MSP.2012.2183771
Cited by : 1
[Abstract](#) | [Full Text: PDF \(851KB\)](#)
30. **De-noising by soft-thresholding**
Donoho, D.L.
Information Theory, IEEE Transactions on
Volume: 41 Issue: 3 Date: May 1995 Page(s):613 - 627
Digital Object Identifier : 10.1109/18.382009
Cited by : 717
[Abstract](#) | [Full Text: PDF \(1164KB\)](#)
31. **Frontiers of Wireless and Mobile Communications**
Raychaudhuri, D. Mandayam, N.B.
Proceedings of the IEEE
Volume: 100 Issue: 4 Date: April 2012 Page(s):824 - 840
Digital Object Identifier : 10.1109/JPROC.2011.2182095
[Abstract](#) | [Full Text: PDF \(1783KB\)](#)
32. **IEEE Guide for Safety in AC Substation Grounding**

IEEE Std 80-2000
Page(s):i - 192
Digital Object Identifier : 10.1109/IEEESTD.2000.91902
Cited by : 3
[Abstract](#) | [Full Text: PDF \(16291KB\)](#)
33. **Collaboration-Based Cloud Computing Security Management Framework**
Almorsy, M. Grundy, J. Ibrahim, A.S.
Cloud Computing (CLOUD), 2011 IEEE International Conference on
Page(s):364 - 371
Digital Object Identifier : 10.1109/CLOUD.2011.9
[Abstract](#) | [Full Text: PDF \(337KB\)](#)
34. **The path of the smart grid**
Farhangi, H.
Power and Energy Magazine, IEEE
Volume: 8 Issue: 1 Date: January-February 2010 Page(s):18 - 28
Digital Object Identifier : 10.1109/MPE.2009.934876
Cited by : 61
[Abstract](#) | [Full Text: PDF \(4250KB\)](#)
35. **IEEE Standard Glossary of Software Engineering Terminology**

IEEE Std 610.12-1990
Page(s):1
Digital Object Identifier : 10.1109/IEEESTD.1990.101064
Cited by : 20
[Abstract](#) | [Full Text: PDF \(6528KB\)](#)
36. **A Low-Phase-Noise Wide-Tuning-Range Oscillator Based on Resonant Mode Switching**
Li, G. Liu, L. Tang, Y. Afshari, E.
Solid-State Circuits, IEEE Journal of
Volume: 47 Issue: 6 Date: June 2012 Page(s):1295 - 1308
Digital Object Identifier : 10.1109/JSSC.2012.2190185
[Abstract](#) | [Full Text: PDF \(4373KB\)](#)
37. **Survey of clustering algorithms**
Rui Xu Wunsch, D., II
Neural Networks, IEEE Transactions on
Volume: 16 Issue: 3 Date: May 2005 Page(s):645 - 678
Digital Object Identifier : 10.1109/TNN.2005.845141
Cited by : 288
[Abstract](#) | [Full Text: PDF \(1528KB\)](#)
38. **Flexible Liquid Metal Alloy (EGaIn) Microstrip Patch Antenna**
Hayes, G.J. Ju-Hee So Qusba, A. Dickey, M.D. Lazzi, G.
Antennas and Propagation, IEEE Transactions on
Volume: 60 Issue: 5 Date: May 2012 Page(s):2151 - 2156
Digital Object Identifier : 10.1109/TAP.2012.2189698

[Abstract](#) | [Full Text: PDF \(1289KB\)](#)

39. **Cognitive radio: making software radios more personal**
Mitola, J., III Maguire, G.Q., Jr.
Personal Communications, IEEE
Volume: 6 Issue: 4 Date: Aug 1999 Page(s):13 - 18
Digital Object Identifier : 10.1109/98.788210
Cited by : 958
[Abstract](#) | [Full Text: PDF \(788KB\)](#)
40. **Cooperation in wireless communication networks**
Zhuang, W. Ismail, M.
Wireless Communications, IEEE
Volume: 19 Issue: 2 Date: April 2012 Page(s):10 - 20
Digital Object Identifier : 10.1109/MWC.2012.6189408
[Abstract](#) | [Full Text: PDF \(243KB\)](#)
41. **Toward the next generation of recommender systems: a survey of the state-of-the-art and possible extensions**
Adomavicius, G. Tuzhilin, A.
Knowledge and Data Engineering, IEEE Transactions on
Volume: 17 Issue: 6 Date: June 2005 Page(s): 734 - 749
Digital Object Identifier : 10.1109/TKDE.2005.99
Cited by : 615
[Abstract](#) | [Full Text: PDF \(568KB\)](#)
42. **Tracking-Learning-Detection**
Kalal, Z. Mikolajczyk, K. Matas, J.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 34 Issue: 7 Date: July 2012 Page(s):1409 - 1422
Digital Object Identifier : 10.1109/TPAMI.2011.239
[Abstract](#) | [Full Text: PDF \(2731KB\)](#)
43. **Feature selection based on mutual information criteria of max-dependency, max-relevance, and min-redundancy**
Hanchuan Peng Fuhui Long Ding, C.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 27 Issue: 8 Date: Aug. 2005 Page(s):1226 - 1238
Digital Object Identifier : 10.1109/TPAMI.2005.159
Cited by : 397
[Abstract](#) | [Full Text: PDF \(1265KB\)](#)
44. **Multiple-antenna techniques in LTE-advanced**
Boccardi, F. Clerckx, B. Ghosh, A. Hardouin, E. Jöngren, G. Kusume, K. Onggosanusi, E. Yang Tang
Communications Magazine, IEEE
Volume: 50 Issue: 3 Date: March 2012 Page(s):114 - 121
Digital Object Identifier : 10.1109/MCOM.2012.6163590
[Abstract](#) | [Full Text: PDF \(128KB\)](#)
45. **A Least-Squares Framework for Component Analysis**
De la Torre, F.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 34 Issue: 6 Date: June 2012 Page(s):1041 - 1055
Digital Object Identifier : 10.1109/TPAMI.2011.184
[Abstract](#) | [Full Text: PDF \(532KB\)](#)
46. **A new look at the statistical model identification**
Akaike, H.
Automatic Control, IEEE Transactions on
Volume: 19 Issue: 6 Date: Dec 1974 Page(s): 716 - 723
Digital Object Identifier : 10.1109/TAC.1974.1100705
Cited by : 5879
[Abstract](#) | [Full Text: PDF \(896KB\)](#)
47. **Dynamic lithium-ion battery model for system simulation**
Lijun Gao Shengyi Liu Dougal, R.A.
Components and Packaging Technologies, IEEE Transactions on
Volume: 25 Issue: 3 Date: Sep 2002 Page(s): 495 - 505
Digital Object Identifier : 10.1109/TCAPT.2002.803653
Cited by : 73
[Abstract](#) | [Full Text: PDF \(848KB\)](#)
48. **Green Cloud Computing: Balancing Energy in Processing, Storage, and Transport**
Baliga, J. Ayre, R.W.A. Hinton, K. Tucker, R.S.
Proceedings of the IEEE
Volume: 99 Issue: 1 Date: Jan. 2011 Page(s):149 - 167
Digital Object Identifier : 10.1109/JPROC.2010.2060451
Cited by : 15

[Abstract](#) | [Full Text: PDF \(1443KB\)](#)

49. **A 5.6 GHz to 11.5 GHz DCO for Digital Dual Loop CDRs**
Titus, W.S. Kenney, J.G.
Solid-State Circuits, IEEE Journal of
Volume: 47 Issue: 5 Date: May 2012 Page(s):1123 - 1130
Digital Object Identifier : 10.1109/JSSC.2012.2185572
[Abstract](#) | [Full Text: PDF \(2054KB\)](#)

50. **Cloud Computing and Grid Computing 360-Degree Compared**
Foster, I. Yong Zhao Raicu, I. Lu, S.
Grid Computing Environments Workshop, 2008. GCE '08
Page(s):1 - 10
Digital Object Identifier : 10.1109/GCE.2008.4738445
Cited by : 80
[Abstract](#) | [Full Text: PDF \(469KB\)](#)

51. **A 5-Gb/s Automatic Gain Control Amplifier With Temperature Compensation**
Liu, C. Yan, Y.-P. Goh, W.-L. Xiong, Y.-Z. Zhang, L.-J. Madhian, M.
Solid-State Circuits, IEEE Journal of
Volume: 47 Issue: 6 Date: June 2012 Page(s):1323 - 1333
Digital Object Identifier : 10.1109/JSSC.2012.2192660
[Abstract](#) | [Full Text: PDF \(2626KB\)](#)

52. **Histograms of oriented gradients for human detection**
Dalal, N. Triggs, B.
Computer Vision and Pattern Recognition, 2005. CVPR 2005. IEEE Computer Society Conference on
Volume: 1 Page(s):886 - 893 vol. 1
Digital Object Identifier : 10.1109/CVPR.2005.177
Cited by : 545
[Abstract](#) | [Full Text: PDF \(241KB\)](#)

53. **Cooperative diversity in wireless networks: Efficient protocols and outage behavior**
Laneman, J.N. Tse, D.N.C. Wornell, G.W.
Information Theory, IEEE Transactions on
Volume: 50 Issue: 12 Date: Dec. 2004 Page(s): 3062 - 3080
Digital Object Identifier : 10.1109/TIT.2004.838089
Cited by : 1349
[Abstract](#) | [Full Text: PDF \(584KB\)](#)

54. **Cloud Computing: Distributed Internet Computing for IT and Scientific Research**
Dikaiakos, M.D. Katsaros, D. Mehra, P. Pallis, G. Vakali, A.
Internet Computing, IEEE
Volume: 13 Issue: 5 Date: Sept.-Oct. 2009 Page(s):10 - 13
Digital Object Identifier : 10.1109/MIC.2009.103
Cited by : 29
[Abstract](#) | [Full Text: PDF \(367KB\)](#)

55. **Mean shift: a robust approach toward feature space analysis**
Comaniciu, D. Meer, P.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 24 Issue: 5 Date: May 2002 Page(s):603 - 619
Digital Object Identifier : 10.1109/34.1000236
Cited by : 1155
[Abstract](#) | [Full Text: PDF \(3254KB\)](#)

56. **BRIEF: Computing a Local Binary Descriptor Very Fast**
Calonder, M. Lepetit, V. Ozuysal, M. Trzcinski, T. Strecha, C. Fua, P.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 34 Issue: 7 Date: July 2012 Page(s):1281 - 1298
Digital Object Identifier : 10.1109/TPAMI.2011.222
[Abstract](#) | [Full Text: PDF \(2616KB\)](#)

57. **Advances in cognitive radio networks: A survey**
Beibei Wang Liu, K.J.R.
Selected Topics in Signal Processing, IEEE Journal of
Volume: 5 Issue: 1 Date: Feb. 2011 Page(s):5 - 23
Digital Object Identifier : 10.1109/JSTSP.2010.2093210
Cited by : 12
[Abstract](#) | [Full Text: PDF \(740KB\)](#)

58. **Low Phase Noise Wide Tuning Range N-Push Cyclic-Coupled Ring Oscillators**
Abdul-Latif, M. M. Sanchez-Sinencio, E.
Solid-State Circuits, IEEE Journal of
Volume: 47 Issue: 6 Date: June 2012 Page(s):1278 - 1294
Digital Object Identifier : 10.1109/JSSC.2012.2188564

[Abstract](#) | [Full Text: PDF \(2854KB\)](#)

59. **A simple transmit diversity technique for wireless communications**

Alamouti, S.M.
Selected Areas in Communications, IEEE Journal on
Volume: 16 Issue: 8 Date: Oct 1998 Page(s):1451 - 1458
Digital Object Identifier : 10.1109/49.730453
Cited by : 1802
[Abstract](#) | [Full Text: PDF \(224KB\)](#)

60. **A 10-b 320-MS/s Stage-Gain-Error Self-Calibration Pipeline ADC**

Tseng, C.-J. Chen, H.-W. Shen, W.-T. Cheng, W.-C. Chen, H.-S.
Solid-State Circuits, IEEE Journal of
Volume: 47 Issue: 6 Date: June 2012 Page(s):1334 - 1343
Digital Object Identifier : 10.1109/JSSC.2012.2192655
[Abstract](#) | [Full Text: PDF \(2432KB\)](#)

61. **LTE-advanced modem design: challenges and perspectives**

Dongwoon Bai Cheolhee Park Jungwon Lee Hoang Nguyen Singh, J. Gupta, A. Zhouyue Pi Taeyoon Kim Chaiman Lim Min-Goo Kim Inyup Kang
Communications Magazine, IEEE
Volume: 50 Issue: 2 Date: February 2012 Page(s):178 - 186
Digital Object Identifier : 10.1109/MCOM.2012.6146497
[Abstract](#) | [Full Text: PDF \(257KB\)](#)

62. **Statistical pattern recognition: a review**

Jain, A.K. Duin, R.P.W. Jianchang Mao
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 22 Issue: 1 Date: Jan 2000 Page(s):4 - 37
Digital Object Identifier : 10.1109/34.824819
Cited by : 947
[Abstract](#) | [Full Text: PDF \(1708KB\)](#)

63. **Security and Privacy Challenges in Cloud Computing Environments**

Takabi, H. Joshi, J.B.D. Ahn, G.
Security & Privacy, IEEE
Volume: 8 Issue: 6 Date: Nov.-Dec. 2010 Page(s):24 - 31
Digital Object Identifier : 10.1109/MSP.2010.186
Cited by : 17
[Abstract](#) | [Full Text: PDF \(1140KB\)](#)

64. **Robust uncertainty principles: exact signal reconstruction from highly incomplete frequency information**

Candes, E.J. Romberg, J. Tao, T.
Information Theory, IEEE Transactions on
Volume: 52 Issue: 2 Date: Feb. 2006 Page(s): 489 - 509
Digital Object Identifier : 10.1109/TIT.2005.862083
Cited by : 1359
[Abstract](#) | [Full Text: PDF \(1176KB\)](#)

65. **A performance evaluation of local descriptors**

Mikolajczyk, K. Schmid, C.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 27 Issue: 10 Date: Oct. 2005 Page(s):1615 - 1630
Digital Object Identifier : 10.1109/TPAMI.2005.188
Cited by : 744
[Abstract](#) | [Full Text: PDF \(4874KB\)](#)

66. **Kinect Identity: Technology and Experience**

Leyvand, T. Meekhof, C. Yi-Chen Wei Jian Sun Baining Guo
Computer
Volume: 44 Issue: 4 Date: April 2011 Page(s):94 - 96
Digital Object Identifier : 10.1109/MC.2011.114
Cited by : 1
[Abstract](#) | [Full Text: PDF \(626KB\)](#)

67. **Kernel-based object tracking**

Comaniciu, D. Ramesh, V. Meer, P.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 25 Issue: 5 Date: May 2003 Page(s): 564 - 577
Digital Object Identifier : 10.1109/TPAMI.2003.1195991
Cited by : 841
[Abstract](#) | [Full Text: PDF \(2674KB\)](#)

68. **Wireless Myths, Realities, and Futures: From 3G/4G to Optical and Quantum Wireless**

Hanzo, L. Haas, H. Imre, S. O'Brien, D. Rupp, M. Gyongyosi, L.
Proceedings of the IEEE
Volume: 100 Issue: Special Centennial Issue Date: May 13 2012 Page(s):1853 - 1888

Digital Object Identifier : 10.1109/JPROC.2012.2189788
Abstract | Full Text: PDF (3402KB)

69. **A review of single-phase grid-connected inverters for photovoltaic modules**
Kjaer, S.B. Pedersen, J.K. Blaabjerg, F.
Industry Applications, IEEE Transactions on
Volume: 41 Issue: 5 Date: Sept.-Oct. 2005 Page(s): 1292 - 1306
Digital Object Identifier : 10.1109/TIA.2005.853371
Cited by : 306
Abstract | Full Text: PDF (608KB)
70. **Low-Profile Dual Circularly Polarized Antenna Array for Satellite Communications in the X Band**
Garcia-Aguilar, A. Inclan-Alonso, J. Vigil-Herrero, L. Fernandez-Gonzalez, J. Sierra-Perez, M.
Antennas and Propagation, IEEE Transactions on
Volume: 60 Issue: 5 Date: May 2012 Page(s):2276 - 2284
Digital Object Identifier : 10.1109/TAP.2012.2189729
Abstract | Full Text: PDF (4060KB)
71. **Robust Face Recognition via Sparse Representation**
Wright, J. Yang, A.Y. Ganesh, A. Sastry, S.S. Yi Ma
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 31 Issue: 2 Date: Feb. 2009 Page(s):210 - 227
Digital Object Identifier : 10.1109/TPAMI.2008.79
Cited by : 142
Abstract | Full Text: PDF (3095KB)
72. **Constrained Nonnegative Matrix Factorization for Image Representation**
Haifeng Liu Zhaohui Wu Xuelong Li Deng Cai Huang, T.S.
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume: 34 Issue: 7 Date: July 2012 Page(s):1299 - 1311
Digital Object Identifier : 10.1109/TPAMI.2011.217
Abstract | Full Text: PDF (2042KB)
73. **Coupling-Feed Circularly Polarized RFID Tag Antenna Mountable on Metallic Surface**
Horng-Dean Chen Shang-Huang Kuo Sim, C.-Y.-D. Ching-Han Tsai
Antennas and Propagation, IEEE Transactions on
Volume: 60 Issue: 5 Date: May 2012 Page(s):2166 - 2174
Digital Object Identifier : 10.1109/TAP.2012.2189702
Abstract | Full Text: PDF (2293KB)
74. **MIMO Transmission Using a Single RF Source: Theory and Antenna Design**
Alrabadi, O.N. Perruisseau-Carrier, J. Kalis, A.
Antennas and Propagation, IEEE Transactions on
Volume: 60 Issue: 2 Date: Feb. 2012 Page(s):654 - 664
Digital Object Identifier : 10.1109/TAP.2011.2173429
Abstract | Full Text: PDF (2620KB)
75. **On Technical Security Issues in Cloud Computing**
Jensen, M. Schwenk, J. Gruschka, N. Iacono, L.L.
Cloud Computing, 2009. CLOUD '09. IEEE International Conference on
Page(s):109 - 116
Digital Object Identifier : 10.1109/CLOUD.2009.60
Cited by : 20
Abstract | Full Text: PDF (530KB)
76. **Downlink MIMO in LTE-advanced: SU-MIMO vs. MU-MIMO**
Lingjia Liu Runhua Chen Geirhofer, S. Sayana, K. Zhihua Shi Yongxing Zhou
Communications Magazine, IEEE
Volume: 50 Issue: 2 Date: February 2012 Page(s):140 - 147
Digital Object Identifier : 10.1109/MCOM.2012.6146493
Abstract | Full Text: PDF (222KB)
77. **Interference Alignment and Degrees of Freedom of the K -User Interference Channel**
Cadambe, V.R. Jafar, S.A.
Information Theory, IEEE Transactions on
Volume: 54 Issue: 8 Date: Aug. 2008 Page(s):3425 - 3441
Digital Object Identifier : 10.1109/TIT.2008.926344
Cited by : 48
Abstract | Full Text: PDF (422KB)
78. **A tutorial on particle filters for online nonlinear/non-Gaussian Bayesian tracking**
Arulampalam, M.S. Maskell, S. Gordon, N. Clapp, T.
Signal Processing, IEEE Transactions on
Volume: 50 Issue: 2 Date: Feb 2002 Page(s):174 - 188
Digital Object Identifier : 10.1109/78.978374
Cited by : 1299

[Abstract](#) | [Full Text: PDF \(355KB\)](#)

79. **A Survey on MAC Strategies for Cognitive Radio Networks**

De Domenico, A. Strinati, E.C. Di Benedetto, M.-G.
Communications Surveys & Tutorials, IEEE
Volume: 14 Issue: 1 Date: First Quarter 2012 Page(s):21 - 44
Digital Object Identifier : 10.1109/SURV.2011.111510.00108
Cited by : 5
[Abstract](#) | [Full Text: PDF \(1403KB\)](#)

80. **Rapid object detection using a boosted cascade of simple features**

Viola, P. Jones, M.
Computer Vision and Pattern Recognition, 2001. CVPR 2001. Proceedings of the 2001 IEEE Computer Society Conference on
Volume: 1 Page(s): I-511 - I-518 vol.1
Digital Object Identifier : 10.1109/CVPR.2001.990517
Cited by : 243
[Abstract](#) | [Full Text: PDF \(985KB\)](#)

81. **Top tech 2012**

Ross, P.E. Moore, S.K.
Spectrum, IEEE
Volume: 49 Issue: 1 Date: January 2012 Page(s):28 - 29
Digital Object Identifier : 10.1109/MSPEC.2012.6117829
[Abstract](#) | [Full Text: PDF \(1124KB\)](#)

82. **Game theory in cooperative communications**

Dejun Yang Xi Fang Guoliang Xue
Wireless Communications, IEEE
Volume: 19 Issue: 2 Date: April 2012 Page(s):44 - 49
Digital Object Identifier : 10.1109/MWC.2012.6189412
[Abstract](#) | [Full Text: PDF \(205KB\)](#)

83. **Understanding Android Security**

Enck, W. Ongtang, M. McDaniel, P.
Security & Privacy, IEEE
Volume: 7 Issue: 1 Date: Jan.-Feb. 2009 Page(s):50 - 57
Digital Object Identifier : 10.1109/MSP.2009.26
Cited by : 10
[Abstract](#) | [Full Text: PDF \(315KB\)](#)

84. **Super-resolution image reconstruction: a technical overview**

Sung Cheol Park Min Kyu Park Moon Gi Kang
Signal Processing Magazine, IEEE
Volume: 20 Issue: 3 Date: May 2003 Page(s): 21 - 36
Digital Object Identifier : 10.1109/MSP.2003.1203207
Cited by : 401
[Abstract](#) | [Full Text: PDF \(2720KB\)](#)

85. **Cloud Computing Research and Development Trend**

Shuai Zhang Shufen Zhang Xuebin Chen Xiuzhen Huo
Future Networks, 2010. ICFN '10. Second International Conference on
Page(s):93 - 97
Digital Object Identifier : 10.1109/ICFN.2010.58
Cited by : 18
[Abstract](#) | [Full Text: PDF \(216KB\)](#)

86. **An application-specific protocol architecture for wireless microsensor networks**

Heinzelman, W.B. Chandrakasan, A.P. Balakrishnan, H.
Wireless Communications, IEEE Transactions on
Volume: 1 Issue: 4 Date: Oct 2002 Page(s): 660 - 670
Digital Object Identifier : 10.1109/TWC.2002.804190
Cited by : 1335
[Abstract](#) | [Full Text: PDF \(495KB\)](#)

87. **Doubly fed induction generator using back-to-back PWM converters and its application to variable-speed wind-energy generation**

Pena, R. Clare, J.C. Asher, G.M.
Electric Power Applications, IEE Proceedings -
Volume: 143 Issue: 3 Date: May 1996 Page(s):231 - 241
Digital Object Identifier : 10.1049/ip-epa:19960288
Cited by : 166
[Abstract](#) | [Full Text: PDF \(896KB\)](#)

88. **Next-generation QoS control architectures for distribution smart grid communication networks**

Vallejo, A. Zaballo, A. Selga, J.M. Dalmau, J.
Communications Magazine, IEEE
Volume: 50 Issue: 5 Date: May 2012 Page(s):128 - 134

Digital Object Identifier : 10.1109/MCOM.2012.6194393
Abstract | Full Text: PDF (211KB)

89. **Science and Engineering Beyond Moore's Law**

Cavin, R.K. Lugli, P. Zhironov, V.V.
Proceedings of the IEEE
Volume: 100 Issue: Special Centennial Issue Date: May 13 2012 Page(s):1720 - 1749
Digital Object Identifier : 10.1109/JPROC.2012.2190155
Abstract | Full Text: PDF (4751KB)

90. **Overview of 3GPP LTE-advanced carrier aggregation for 4G wireless communications**

Zukang Shen Papasakellariou, A. Montojo, J. Gerstenberger, D. Fangli Xu
Communications Magazine, IEEE
Volume: 50 Issue: 2 Date: February 2012 Page(s):122 - 130
Digital Object Identifier : 10.1109/MCOM.2012.6146491
Abstract | Full Text: PDF (212KB)

91. **Toward a smart grid: power delivery for the 21st century**

Massoud Amin, S. Wollenberg, B.F.
Power and Energy Magazine, IEEE
Volume: 3 Issue: 5 Date: Sept.-Oct. 2005 Page(s): 34 - 41
Digital Object Identifier : 10.1109/MPAE.2005.1507024
Cited by : 65
Abstract | Full Text: PDF (1666KB)

92. **A 30-MHz–2.4-GHz CMOS Receiver With Integrated RF Filter and Dynamic-Range-Scalable Energy Detector for Cognitive Radio Systems**

Kitsunezuka, M. Kodama, H. Oshima, N. Kunihiro, K. Maeda, T. Fukaishi, M.
Solid-State Circuits, IEEE Journal of
Volume: 47 Issue: 5 Date: May 2012 Page(s):1084 - 1093
Digital Object Identifier : 10.1109/JSSC.2012.2185531
Cited by : 1
Abstract | Full Text: PDF (1710KB)

93. **A Koch-Like Sided Fractal Bow-Tie Dipole Antenna**

Daotie Li Jun-fa Mao
Antennas and Propagation, IEEE Transactions on
Volume: 60 Issue: 5 Date: May 2012 Page(s):2242 - 2251
Digital Object Identifier : 10.1109/TAP.2012.2189719
Abstract | Full Text: PDF (2033KB)

94. **Cloud Computing Security: From Single to Multi-clouds**

AlZain, M.A. Pardede, E. Soh, B. Thom, J.A.
System Science (HICSS), 2012 45th Hawaii International Conference on
Page(s):5490 - 5499
Digital Object Identifier : 10.1109/HICSS.2012.153
Abstract | Full Text: PDF (367KB)

95. **From LTE-advanced to the future**

Baker, M.
Communications Magazine, IEEE
Volume: 50 Issue: 2 Date: February 2012 Page(s):116 - 120
Digital Object Identifier : 10.1109/MCOM.2012.6146490
Abstract | Full Text: PDF (95KB)

96. **Middleware: middleware challenges and approaches for wireless sensor networks**

Hadim, S. Mohamed, N.
Distributed Systems Online, IEEE
Volume: 7 Issue: 3 Date: March 2006 Page(s):1
Digital Object Identifier : 10.1109/MDSO.2006.19
Cited by : 77
Abstract | Full Text: PDF (313KB)

97. **New Semi-Supervised Classification Method Based on Modified Cluster Assumption**

Yunyun Wang Songcan Chen Zhi-Hua Zhou
Neural Networks and Learning Systems, IEEE Transactions on
Volume: 23 Issue: 5 Date: May 2012 Page(s):689 - 702
Digital Object Identifier : 10.1109/TNNLS.2012.2186825
Abstract | Full Text: PDF (666KB)

98. **Design of Hybrid Patch/Slot Antenna Operating in Induced "TM120 Mode"**

Ming-Chun Tang Shaoqiu Xiao Yan-Ying Bai Tianwei Deng Changrong Liu Yuping Shang Chaolei Wei Bing-Zhong Wang
Antennas and Propagation, IEEE Transactions on
Volume: 60 Issue: 5 Date: May 2012 Page(s):2157 - 2165
Digital Object Identifier : 10.1109/TAP.2012.2189735
Abstract | Full Text: PDF (1894KB)

99. **A theory for multiresolution signal decomposition: the wavelet representation**

Mallat, S.G.
 Pattern Analysis and Machine Intelligence, IEEE Transactions on
 Volume: 11 Issue: 7 Date: Jul 1989 Page(s):674 - 693
 Digital Object Identifier : 10.1109/34.192463
 Cited by : 777
 Abstract | Full Text: PDF (1524KB)

100. **Performance Analysis of Cloud Computing Services for Many-Tasks Scientific Computing**

Iosup, A. Ostermann, S. Yigitbasi, M.N. Prodan, R. Fahringer, T. Epema, D.H.J.
 Parallel and Distributed Systems, IEEE Transactions on
 Volume: 22 Issue: 6 Date: June 2011 Page(s):931 - 945
 Digital Object Identifier : 10.1109/TPDS.2011.66
 Cited by : 5
 Abstract | Full Text: PDF (1952KB)

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