

## Prof.Dr. Kemal Bıçakcı

### Kişisel Bilgiler

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Yoksis Araştırmacı ID: 201789

### Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişim Sistemleri Anabilim Dalı, Türkiye 1999 - 2003

Yüksek Lisans, University of South Carolina, Elektrik Mühendisliği, Amerika Birleşik Devletleri 1996 - 1999

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Elektrik Ve Elektronik Bölümü, Türkiye 1992 - 1996

### Araştırma Alanları

Algoritmalar, Bilgi Güvenliği ve Güvenilirliği, Bilgisayar Ağları, Yapay Zeka, Bilgisayarda Öğrenme ve Örüntü Tanıma

### Akademik Unvanlar / Görevler

Prof.Dr., İstanbul Teknik Üniversitesi, Bilişim Enstitüsü, İletişim Sistemleri, 2020 - Devam Ediyor

Doç.Dr., Tobb Ekonomi Ve Teknoloji Üniversitesi, 2009 - 2020

Öğretim Görevlisi, Carleton University, 2011 - 2011

Dr.Öğr.Üyesi, Tobb Ekonomi Ve Teknoloji Üniversitesi, 2007 - 2009

Araştırma Görevlisi Dr., Vrije Universiteit, 2004 - 2006

Öğretim Görevlisi, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, 2000 - 2006

Araştırma Görevlisi Dr., University of South Carolina, 1998 - 2000

Öğretim Görevlisi, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Bilişim Sistemleri Anabilim Dalı, 1996 - 1997

### Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, İstanbul Teknik Üniversitesi, Bilişim Enstitüsü, Bilgisayar Bilimleri, 2022 - Devam Ediyor

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

#### I. A Survey of Denial-of-Service Attacks and Solutions in the Smart Grid

Huseinovic A., Mrdovic S., Bicakci K., Uludag S.

IEEE ACCESS, cilt.8, ss.177447-177470, 2020 (SCI-Expanded)

#### II. The Impact of Incomplete Secure Connectivity on the Lifetime of Wireless Sensor Networks

Yildiz H. U., Ciftler B. S., Tavli B., Bicakci K., Incebacak D.

- IEEE SYSTEMS JOURNAL, cilt.12, sa.1, ss.1042-1046, 2018 (SCI-Expanded)
- III. **A Closer Look at Pure-Text Human-Interaction Proofs**  
Kiziloz H. E., Bicakci K.  
IEEE TRANSACTIONS ON HUMAN-MACHINE SYSTEMS, cilt.47, sa.6, ss.994-1004, 2017 (SCI-Expanded)
- IV. **Leveraging human computation for pure-text Human Interaction Proofs**  
Bicakci K., Kiziloz H. E.  
INTERNATIONAL JOURNAL OF HUMAN-COMPUTER STUDIES, cilt.92-93, ss.44-54, 2016 (SCI-Expanded)
- V. **Maximizing Wireless Sensor Network lifetime by communication/computation energy optimization of non-repudiation security service: Node level versus network level strategies**  
Yildiz H. U., Bicakci K., Tavli B., Gultekin H., Incebacak D.  
AD HOC NETWORKS, cilt.37, ss.301-323, 2016 (SCI-Expanded)
- VI. **Evaluating energy cost of route diversity for security in wireless sensor networks**  
Incebacak D., Bicakci K., Tavli B.  
COMPUTER STANDARDS & INTERFACES, cilt.39, ss.44-57, 2015 (SCI-Expanded)
- VII. **Effects of node mobility on energy balancing in wireless networks**  
Pala Z., Bicakci K., Turk M.  
COMPUTERS & ELECTRICAL ENGINEERING, cilt.41, ss.314-324, 2015 (SCI-Expanded)
- VIII. **The Impact of Transmission Power Control Strategies on Lifetime of Wireless Sensor Networks**  
Cotuk H., Bicakci K., Tavli B., Uzun E.  
IEEE TRANSACTIONS ON COMPUTERS, cilt.63, sa.11, ss.2866-2879, 2014 (SCI-Expanded)
- IX. **The impact of scalable routing on lifetime of smart grid communication networks**  
Uzun E., Tavli B., Bicakci K., Incebacak D.  
AD HOC NETWORKS, cilt.22, ss.27-42, 2014 (SCI-Expanded)
- X. **LAKE: A Server-Side Authenticated Key-Establishment with Low Computational Workload**  
Bicakci K., Crispo B., Oligeri G.  
ACM TRANSACTIONS ON INTERNET TECHNOLOGY, cilt.13, sa.2, 2013 (SCI-Expanded)
- XI. **Optimal number of routing paths in multi-path routing to minimize energy consumption in wireless sensor networks**  
Incebacak D., Tavli B., Bicakci K., Altin-Kayhan A.  
EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING, 2013 (SCI-Expanded)
- XII. **Neighbor sensor networks: Increasing lifetime and eliminating partitioning through cooperation**  
Bicakci K., Bagci I. E., Tavli B., Pala Z.  
COMPUTER STANDARDS & INTERFACES, cilt.35, sa.4, ss.396-402, 2013 (SCI-Expanded)
- XIII. **A survey of visual sensor network platforms**  
Tavli B., Bicakci K., Zilan R., Barcelo-Ordinas J. M.  
MULTIMEDIA TOOLS AND APPLICATIONS, cilt.60, sa.3, ss.689-726, 2012 (SCI-Expanded)
- XIV. **A second look at the performance of neural networks for keystroke dynamics using a publicly available dataset**  
Uzun Y., Bicakci K.  
COMPUTERS & SECURITY, cilt.31, sa.5, ss.717-726, 2012 (SCI-Expanded)
- XV. **Communication/computation tradeoffs for prolonging network lifetime in wireless sensor networks: The case of digital signatures**  
Bicakci K., Bagci I. E., Tavli B.  
INFORMATION SCIENCES, cilt.188, ss.44-63, 2012 (SCI-Expanded)
- XVI. **Maximizing lifetime of event-unobservable wireless sensor networks**  
Bicakci K., Gultekin H., Tavli B., Bagci I. E.  
COMPUTER STANDARDS & INTERFACES, cilt.33, sa.4, ss.401-410, 2011 (SCI-Expanded)
- XVII. **Lifetime Bounds of Wireless Sensor Networks Preserving Perfect Sink Unobservability**  
Bicakci K., Bagci I. E., Tavli B.  
IEEE COMMUNICATIONS LETTERS, cilt.15, sa.2, ss.205-207, 2011 (SCI-Expanded)
- XVIII. **Impact of Limiting Number of Links on the Lifetime of Wireless Sensor Networks**

- Tavli B., Akgun M. B., Bicakci K.  
IEEE COMMUNICATIONS LETTERS, cilt.15, sa.1, ss.43-45, 2011 (SCI-Expanded)
- XIX. **Mitigation of Compromising Privacy by Transmission Range Control in Wireless Sensor Networks**  
Tavli B., Ozciloglu M. M., Bicakci K.  
IEEE COMMUNICATIONS LETTERS, cilt.14, sa.12, ss.1104-1106, 2010 (SCI-Expanded)
- XX. **The future of security in Wireless Multimedia Sensor Networks**  
Guerrero-Zapata M., Zilan R., Barcelo-Ordinas J. M., Bicakci K., Tavli B.  
TELECOMMUNICATION SYSTEMS, cilt.45, sa.1, ss.77-91, 2010 (SCI-Expanded)
- XXI. **Prolonging network lifetime with multi-domain cooperation strategies in wireless sensor networks**  
Bicakci K., Tavli B.  
AD HOC NETWORKS, cilt.8, sa.6, ss.582-596, 2010 (SCI-Expanded)
- XXII. **The Impact of One-Time Energy Costs on Network Lifetime in Wireless Sensor Networks**  
Bicakci K., Gultekin H., Tavli B.  
IEEE COMMUNICATIONS LETTERS, cilt.13, sa.12, ss.905-907, 2009 (SCI-Expanded)
- XXIII. **Denial-of-Service attacks and countermeasures in IEEE 802.11 wireless networks**  
Bicakci K., Tavli B.  
COMPUTER STANDARDS & INTERFACES, cilt.31, sa.5, ss.931-941, 2009 (SCI-Expanded)
- XXIV. **One-time proxy signatures revisited**  
Bicakci K.  
COMPUTER STANDARDS & INTERFACES, cilt.29, sa.4, ss.499-505, 2007 (SCI-Expanded)
- XXV. **Improved server assisted signatures**  
Bicakci K., Baykal N.  
COMPUTER NETWORKS, cilt.47, sa.3, ss.351-366, 2005 (SCI-Expanded)
- XXVI. **SAOTS: A new efficient server assisted signature scheme for pervasive computing**  
Bicakei K., BAYKAL N.  
Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), cilt.2802, ss.187-200, 2004 (SCI-Expanded)
- XXVII. **A new design of privilege management infrastructure with binding signature semantics**  
Bicakci K., BAYKAL N.  
Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), cilt.3093, ss.306-313, 2004 (SCI-Expanded)
- XXVIII. **Server assisted signatures revisited**  
Bicakci K., BAYKAL N.  
Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), cilt.2964, ss.143-156, 2004 (SCI-Expanded)
- XXIX. **Improving the Security and Flexibility of One-Time Passwords by Signature Chains**  
Biçakci K., BAYKAL N.  
Turkish Journal of Electrical Engineering and Computer Sciences, cilt.11, sa.3, ss.223-236, 2003 (SCI-Expanded)
- XXX. **How to construct optimal one-time signatures**  
Bicakci K., Tsudik G., Tung B.  
COMPUTER NETWORKS-THE INTERNATIONAL JOURNAL OF COMPUTER AND TELECOMMUNICATIONS NETWORKING, cilt.43, sa.3, ss.339-349, 2003 (SCI-Expanded)
- XXXI. **One-time passwords: Security analysis using BAN logic and integrating with smartcard authentication**  
Bicakci K., BAYKAL N.  
Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), cilt.2869, ss.794-801, 2003 (SCI-Expanded)

- I. **EVEREST: an efficient method for verification of digital signatures in real-time teleradiology.**  
Bicakci K., BAYKAL N.  
Medinfo. MEDINFO, cilt.11, sa.Pt 2, ss.1241-1245, 2004 (Scopus)
- II. **Survivable authentication for health information systems.**  
Bicakci K., BAYKAL N.  
AMIA ... Annual Symposium proceedings / AMIA Symposium. AMIA Symposium, ss.791, 2003 (Scopus)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Using Attribute-based Feature Selection Approaches and Machine Learning Algorithms for Detecting Fraudulent Website URLs**  
Aydin M., Butun I., Bicakci K., Baykal N.  
10th Annual Computing and Communication Workshop and Conference (CCWC), California, Amerika Birleşik Devletleri, 6 - 08 Ocak 2020, ss.774-779
- II. **Extending Attribute-Based Access Control Model with Authentication Information for Internet of Things**  
Bilgen M. B., Bicakci K.  
International Conference on Information Security and Cryptology (ISCTURKEY), ELECTR NETWORK, 3 - 04 Aralık 2020, ss.48-55
- III. **Security Analysis of Mobile Authenticator Applications**  
Ozkan C., Bicakci K.  
International Conference on Information Security and Cryptology (ISCTURKEY), ELECTR NETWORK, 3 - 04 Aralık 2020, ss.18-30
- IV. **Analysis and Evaluation of Keystroke Dynamics as a Feature of Contextual Authentication**  
Bicakci K., Salman O., Uzunay Y., Tan M.  
International Conference on Information Security and Cryptology (ISCTURKEY), ELECTR NETWORK, 3 - 04 Aralık 2020, ss.11-17
- V. **Open-TEE is No Longer Virtual: Towards Software-only Trusted Execution Environments Using White-box Cryptography**  
Bicakci K., Ak I. K., Ozdemir B. A., Gozutok M.  
1st IEEE International Conference on Trust, Privacy and Security in Intelligent Systems and Applications (IEEE TPS-ISA), Los-Angeles, Şili, 12 - 14 Aralık 2019, ss.177-183
- VI. **A Taxonomy of the Emerging Denial-of-Service Attacks in the Smart Grid and Countermeasures**  
Huseinovic A., Mrdovic S., Bicakci K., Uludag S.  
26th Telecommunications Forum, TELFOR 2018, Belgrade, Sırbistan, 20 - 21 Kasım 2018
- VII. **How Safe Is Safety Number? A User Study on SIGNAL's Fingerprint and Safety Number Methods for Public Key Verification**  
Bicakci K., Altuncu E., Sahkulubey M. S., Kiziloz H. E., Uzunay Y.  
21st International Information Security Conference (ISC), Guildford, Birleşik Krallık, 9 - 12 Eylül 2018, cilt.11060, ss.85-98
- VIII. **Automated Generation of Attack Graphs Using NVD**  
Aksu M. U., Bicakci K., Dilek M. H., Ozbayoglu A. M., Tatli E. I.  
8th ACM Conference on Data and Application Security and Privacy (CODASPY), Arizona, Amerika Birleşik Devletleri, 19 - 21 Mart 2018, ss.135-142
- IX. **A quantitative CVSS-based cyber security risk assessment methodology for IT systems**  
Aksu M. U., Dilek M. H., Tatli E. I., Bicakci K., Dirik H. I., Demirezen M. U., Aykir T.  
2017 International Carnahan Conference on Security Technology, ICCST 2017, Madrid, İspanya, 23 - 26 Ekim 2017, cilt.2017-October, ss.1-8
- X. **TwinCloud: Secure Cloud Sharing Without Explicit Key Management**  
Bicakci K., Yavuz D. D., Gurkan S.

IEEE Conference on Communications and Network Security (CNS), Pennsylvania, Amerika Birleşik Devletleri, 17 - 19 Ekim 2016, ss.581-585

- XI. **Towards Making Accessible Human-Interaction Proofs More Secure and Usable**  
Kiziloz H. E., Bicakci K.  
IEEE Symposium on Computers and Communication (ISCC), Larnaka, Kıbrıs (Gkry), 6 - 09 Temmuz 2015, ss.607-612
- XII. **charPattern: Rethinking Android Lock Pattern to Adapt to Remote Authentication**  
Bicakci K., Satiev T.  
International Conference on Passwords (PASSWORDS), Trondheim, Norveç, 8 - 10 Aralık 2014, cilt.9393, ss.74-86
- XIII. **The Impact of Bandwidth Constraints on the Energy Consumption of Wireless Sensor Networks**  
Cotuk H., Tavli B., Bicakci K., Akgun M. B.  
IEEE Wireless Communications and Networking Conference (WCNC), İstanbul, Türkiye, 6 - 09 Nisan 2014, ss.2787-2792
- XIV. **Mobile authentication secure against man-in-the-middle attacks**  
Bicakci K., Unal D., Ascioğlu N., Adalier O.  
2nd IEEE International Conference on Mobile Cloud Computing, Services, and Engineering, MobileCloud 2014, Oxford, Birleşik Krallık, 7 - 10 Nisan 2014, ss.273-276
- XV. **Mobile Authentication Secure Against Man-In-The-Middle Attacks**  
Bicakci K., Unal D., Ascioğlu N., Adalier O.  
11th International Conference on Mobile Systems and Pervasive Computing (MobiSPC), Niagara Falls, Kanada, 17 - 20 Ağustos 2014, cilt.34, ss.323-329
- XVI. **Communication/computation trade-offs in wireless sensor networks: Comparing network-level and node-level strategies**  
Yildiz H. U., Bicakci K., Tavli B.  
2014 IEEE Topical Conference on Wireless Sensors and Sensor Networks, WiSNet 2014, Newport Beach, CA, Amerika Birleşik Devletleri, 19 - 22 Ocak 2014, ss.49-51
- XVII. **Trusted3Ballot: Improving Security and Usability of ThreeBallot Voting System using Trusted Computing**  
Uzunay Y., Bicakci K.  
5th International Conference on Intelligent Systems, Modelling and Simulation (ISMS), Langkawi, Malezya, 27 - 29 Ocak 2014, ss.534-539
- XVIII. **Revisiting graphical passwords for augmenting, not replacing, text passwords**  
Akpulat M., Bicakci K., Cil U.  
29th Annual Computer Security Applications Conference, ACSAC 2013, New Orleans, LA, Amerika Birleşik Devletleri, 9 - 13 Aralık 2013, ss.119-128
- XIX. **Effects of handshake hop length of unidirectional links on the lifetime of wireless sensor networks**  
**Tek yönlü bağlantı tokalaşma atlama uzunluğunun kablosuz algılayıcı ağ yaşam süresine etkileri**  
Batmaz A. U., Tavli B., Incebacak D., Biçakçı K.  
2013 21st Signal Processing and Communications Applications Conference, SIU 2013, Haspolat, Türkiye, 24 - 26 Nisan 2013
- XX. **Network lifetime maximization and localized routing tradeoff in wireless sensor networks**  
**Kablosuz algılayıcı ağlarda yaşam süresi eniyilemesi ve yerel yönlendirme ödünleşmesi**  
Uzun E., Aksac A., Ozturk O., Kiziloz H. E., Incebacak D., Tavli B., Bicakci K.  
2013 21st Signal Processing and Communications Applications Conference, SIU 2013, Haspolat, Türkiye, 24 - 26 Nisan 2013
- XXI. **The Impact of Link Unidirectionality and Reverse Path Length on Wireless Sensor Network Lifetime**  
Batmaz A. U., Tavli B., Incebacak D., Bicakci K.  
IEEE International Conference on Communications (ICC), Budapest, Macaristan, 9 - 13 Haziran 2013, ss.1795-1796
- XXII. **Uncovering the Impact of Minimum-Energy Routing on Lifetime of Wireless Sensor Networks**  
Soylev A., Bicakci K., Tavli B.  
9th IEEE International Conference on Distributed Computing in Sensor Systems (DCoSS), Cambridge, Kanada, 21 -

23 Mayıs 2013, ss.436-441

- XXIII. **Mobility Helps Energy Balancing in Wireless Networks**  
Pala Z., Bicakci K., Tavli B.  
IEEE Military Communications Conference, California, Amerika Birleşik Devletleri, 18 - 20 Kasım 2013, ss.293-298
- XXIV. **Energy cost of mitigating physical attacks in wireless sensor networks**  
Incebacak D., Bicakci K., Tavli B.  
2012 5th International Conference on New Technologies, Mobility and Security, NTMS 2012, İstanbul, Türkiye, 7 - 10 Mayıs 2012
- XXV. **Exploration and field study of a password manager using icon-based passwords**  
Bicakci K., Atalay N. B., Yuceel M., Van Oorschot P.  
15th International Conference on Financial Cryptography and Data Security, FC 2011, St. Lucia, QLD, Avustralya, 28 Şubat - 04 Mart 2011, cilt.7126 LNCS, ss.104-118
- XXVI. **A multi-word password proposal (gridWord) and exploring questions about science in security research and usable security evaluation**  
Bicakci K., Van Oorschot P. C.  
2011 New Security Paradigms Workshop, NSPW'11, Marin County, CA, Amerika Birleşik Devletleri, 12 - 15 Eylül 2011, ss.25-36
- XXVII. **Johnny in Internet café: User study and exploration of password autocomplete in web browsers**  
Bicakci K., Atalay N. B., Kiziloz H. E.  
7th ACM Workshop on Digital Identity Management, DIM'11 - Co-located with 18th ACM Conference on Computer and Communications Security, CCS 2011, Chicago, IL, Amerika Birleşik Devletleri, 21 Ekim 2011, ss.33-42
- XXVIII. **NoTabNab: Protection against the "tabnabbing attack"**  
Unlu S. A., Bicakci K.  
2010 Fall General Meeting and eCrime Researchers Summit, eCrime 2010, Dallas, TX, Amerika Birleşik Devletleri, 18 - 20 Ekim 2010
- XXIX. **Investigating the tradeoffs between spatial granularity and energy requirements in wireless sensor networks**  
Incebacak D., Bicakci K., Tavli B.  
UKSim 4th European Modelling Symposium on Computer Modelling and Simulation, EMS2010, Pisa, İtalya, 17 - 19 Kasım 2010, ss.414-419
- XXX. **Number of connection restriction in wireless sensor networks and its influence on network lifetime**  
**Kablosuz algılayıcı ağlarda bağlantı sayısının sınırlanmasının ağ ömrü üzerindeki etkilerinin incelenmesi**  
Burak Akgün M., Tavli B., Bicakci K.  
2010 7th National Conference on Electrical, Electronics and Computer Engineering, ELECO 2010, Bursa, Türkiye, 2 - 05 Aralık 2010, ss.671-675
- XXXI. **Towards usable solutions to graphical password hotspot problem**  
Bicakci K., Atalay N. B., Yuceel M., Gurbaslar H., Erdeniz B.  
2009 33rd Annual IEEE International Computer Software and Applications Conference, COMPSAC 2009, Seattle, WA, Amerika Birleşik Devletleri, 20 - 24 Temmuz 2009, cilt.2, ss.318-323
- XXXII. **Pushing the limits of one-time signatures**  
Bicakci K.  
2nd International Conference on Security of Information and Networks, SIN'09, Famagusta, Kıbrıs (Gkry), 6 - 10 Ekim 2009, ss.249-257
- XXXIII. **Graphical passwords as browser extension: Implementation and usability study**  
Bicakci K., Yuceel M., Erdeniz B., Gurbaslar H., Atalay N. B.  
3rd IFIP WG 11.11 International Conference on Trust Management, IFIPTM 2009, Indiana, Amerika Birleşik Devletleri, 15 - 19 Haziran 2009, cilt.300, ss.15-29
- XXXIV. **Optimal discretization for high-entropy graphical passwords**  
Bicakci K.  
2008 23rd International Symposium on Computer and Information Sciences, ISCIS 2008, İstanbul, Türkiye, 27 - 29

Ekim 2008

- XXXV. **SHA: A secure voice activated smart home for quadriplegia patients**  
Uzunay Y., Bicakci K.  
IEEE International Conference on Bioinformatics and Biomedicine, California, Amerika Birleşik Devletleri, 2 - 04 Kasım 2007, ss.151-152
- XXXVI. **Security for the mythical air-dropped sensor network**  
Gamage C., Bicakci K., Crispo B., Tanenbaum A. S.  
11th IEEE Symposium on Computers and Communications, ISCC 2006, Cagliari, İtalya, 26 - 29 Haziran 2006, ss.41-47
- XXXVII. **One-time sensors: A novel concept to mitigate node-capture attacks**  
Bicakci K., Gamage C., Crispo B., Tanenbaum A. S.  
Second European Workshop on Security and Privacy in Ad-hoc and Sensor Networks, ESAS 2005, Visegrad, Macaristan, 13 - 14 Temmuz 2005, cilt.3813 LNCS, ss.80-90
- XXXVIII. **UNIDES: An efficient real-time system to detect and block unauthorized Internet access**  
Uzunay Y., Bicakci K.  
11th International Conference on Parallel and Distributed Systems Workshops, ICPADS 2005, Fukuoka, Japonya, 20 - 22 Temmuz 2005, cilt.2, ss.245-249
- XXXIX. **A cost-efficient counter-intrusion scheme for one-time sensor networks**  
Gamage C., Leiwo J., Bicakci K., Crispo B., Tanenbaum A. S.  
2005 Intelligent Sensors, Sensor Networks and Information Processing Conference, Melbourne, Avustralya, 5 - 08 Aralık 2005, cilt.2005, ss.45-50
- XL. **How to incorporate revocation status information into the trust metrics for public-key certification**  
Bicakci K., Crispo B., Tanenbaum A. S.  
20th Annual ACM Symposium on Applied Computing, Santa Fe, NM, Amerika Birleşik Devletleri, 13 - 17 Mart 2005, cilt.2, ss.1594-1598
- XLI. **Counting abuses using flexible off-line credentials**  
Bicakci K., Crispo B., Tanenbaum A. S.  
10th Australasian Conference on Information Security and Privacy, ACISP 2005, Brisbane, Avustralya, 4 - 06 Temmuz 2005, cilt.3574, ss.548-559
- XLII. **Design and performance evaluation of a flexible and efficient server assisted signature protocol**  
Bicakci K., Baykal N.  
8th IEEE International Symposium on Computers and Communication (ISCC 2003), Antalya, Türkiye, 30 Haziran - 03 Temmuz 2003, ss.1239-1244
- XLIII. **Infinite length hash chains and their applications**  
Bicakci K., Baykal N.  
11th IEEE International Workshop on Enabling Technologies - Infrastructure for Collaborative Enterprises (WET ICE 2002), Pennsylvania, Amerika Birleşik Devletleri, 10 - 12 Haziran 2002, ss.57-61

## Metrikler

Yayın: 85

Atf (WoS): 543

Atf (Scopus): 904

H-İndeks (WoS): 12

H-İndeks (Scopus): 16

## Akademi Dışı Deneyim

ODTÜ

ODTŮ