

Data 29.12.2023

Concurs pentru ocuparea postului de profesor universitar, poz. 28

Departamentul Informatică Economică și Cibernetică

Disciplinele: Blockchain, criptografie cuantică și securitatea plăților/comerțului electronic – în limba engleză; Programare multiparadigmă – Java;

Securitatea sistemelor distribuite și paralele - în limba engleză; Securitatea sistemelor robotice, IoT (Internet of Things) și Embedded - în limba engleză.

Domeniul: Cibernetică, Statistică și Informatică Economică

post publicat în Monitorul Oficial al României nr. 438 din 29.11.2023.

LISTA DE LUCRĂRI

Candidat: TOMA C. Cristian-Valeriu
(NUME, inițială și prenume)

- Dr./din 2009, conferențiar universitar/din 2013.
(anul) (Titlul didactic/echiv.) (anul)

1. Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii, care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări din prezenta listă de lucrări:

1. **Cristian Toma**, Catalin Boja, Marius Popa, Mihai Doinea, and Cristian Ciurea, “*Viruses, Exploits, Malware and Security Issues on IoT Devices*”, In: Ryan, P., Toma, C. (eds) Innovative Security Solutions for Information Technology and Communications. SECITC 2021 Virtual Event 25-26 Nov. 2021, Springer Lecture Notes in Computer Science, Springer LNCS 13195, Print ISBN: 978-3-031-17509-1, Online ISBN: 978-3-031-17510-7, ISSN 0302-9743, DOI: https://doi.org/10.1007/978-3-031-17510-7_22
2. **Cristian Toma**, Andrei Alexandru, Marius Popa, Alin Zamfiroiu – “*IoT Solution for Smart Cities’ Pollution Monitoring and the Security Challenges*”, în MDPI Sensors 2019, 19(15), 3401, ISSN 1424-8220; CODEN: SENS99; ISI Journal WOS: 000483198900156, DOI: <https://doi.org/10.3390/s19153401>
3. Marius POPA, **Cristian TOMA**, Cătălin BOJA, Alin ZAMFIROIU – “*Privacy and Security in Connected Vehicles Ecosystems*”, în „Informatica Economică”, vol. 21, nr. 4, 2017, pg. 29 – 40, CNCSIS B+, Directory of Open Access Journal – DOAJ, Cabell’s Directories of Publishing Opportunities, EBSCO (Business Source Complete), ICAAP, Index Copernicus, Index of Information Systems Journals, Inspec, Open J-Gate, ProQuest Central, RePEc, Ulrich’s Periodicals Directory, ISSN 1453-1305, EISSN 1842-8088
4. **Cristian Toma**, Marius Popa, Catalin Boja, Cristian Ciurea, Mihai Doinea, „*Secure and Anonymous Voting D-App with IoT Embedded Device Using Blockchain Technology*”, MDPI Electronics, vol, 11, nr. 12, 2022, eISSN: 2079-9292, ISI Journal WOS: 000818504700001, DOI: <https://doi.org/10.3390/electronics11121895>
5. **Cristian Toma**, Bogdan Talpiga, Catalin Boja, Marius Popa, Bogdan Iancu, Madalina Zurini – “*Secure IoT Supply Chain Management Solution Using Blockchain and Smart Contracts Technology*”, **Springer LNCS** – Lecture Notes of Computer Science, Conferinta SecITC 2018 – www.secitc.eu, pg. 288-299, Publisher Name: Springer, Cham; Print ISBN: 978-3-030-12941-5, Online ISBN: 978-3-030-12942-2, DOI: https://doi.org/10.1007/978-3-030-12942-2_22
6. **Cristian Toma**, Marius Popa, Bogdan Iancu, Mihai Doinea, Andreea Pascu, Filip-Ioan Dutescu, “*Edge Machine Learning for the Automated Decision and Visual Computing of the Robots, IoT Embedded Devices or UAV-Drones*”, MDPI Electronics, vol. 1, 2022, eISSN: 2079-9292, DOI: <https://doi.org/10.3390/electronics11213507>
7. **Cristian Toma**, Cristian Toma, Marius Popa, Mihai Doinea, “*Cloud Authentication Using FIDO Compliant Java Card Technology Secure Elements*”, Book chapter, **Springer** Education, Research and Business Technologies. Smart Innovation, Systems and Technologies, Smart Innovation, Systems and Technologies, vol 276, 2022, ISBN: 978-981-16-8865-2, DOI: https://link.springer.com/chapter/10.1007/978-981-16-8866-9_6
8. ZAMFIROIU IONUȚ ALIN, CONSTANTINESCU Dan, DOINEA-ZURINI Mădălina, **TOMA Cristian -Valeriu**, „*Secure learning management system based on user behavior*”, MDPI Applied Sciences-Basel vol. 10, nr. 21, 1–13, 2020, ISSN: 2076-3417, ISI Journal WOS:000589053100001, DOI: <https://doi.org/10.3390/app10217730>
9. Cătălin BOJA, **Cristian TOMA**, „*University 4.4 – A Development Strategy for Education and Research Centers*”, Informatica Economica Journal, Vol. 15 No. 4/2011, pp 7 – 12, ISSN 1453-1305, <https://www.revistaie.ase.ro/content/60/01%20-%20Boja,%20Toma.pdf>

2. Teza(-ele) de doctorat

T1. Cristian TOMA – *Secure Architectures for Software Distributed Platforms*, Teza de doctorat in limba engleza, susținută în 21.11.2008, Academia de Studii Economice din București, 2008.

3. Cărți/cursuri publicate în edituri recunoscute (Ca1, Ca2 etc.), îndrumare publicate (I1, I2 etc.), capitole publicate în volume colective, capitole teoretice redactate, (D1, D2 etc.), după caz, prin care se aduc contribuții a dezvoltarea activităților didactice/profesionale.

Ca1. Ion IVAN, Marius POPA, Paul POCATILU (coordonatori); **Cristian TOMA** co-autor într-un colectiv de 32 autori – **Structuri de date**, Editura ASE, București, 2008, vol. I Tipologii de structuri de date 768 pag., ISBN 978-606-505-032-7, vol. II Managementul structurilor de date 532 pag., ISBN 978-606-505-033-4, ISBN 978-606-505-031-0

Ca2. Ion IVAN, **Cristian TOMA** – *Limbaje de asamblare : ghid pentru elaborarea proiectelor*, Editura ASE, București, 2003, 60 pagini, ISBN 973594314X.

Ca3. Ion IVAN, Marius POPA, **Cristian TOMA**, Catalin BOJA – *Software 2003*, Editura ASE, București, 2003, 639 pagini, ISBN 973594412X.

4. Cărți de specialitate publicate în edituri recunoscute (Cb1, Cb2 etc.), **articole/studii** publicate in extenso în reviste de specialitate de circulație internațională recunoscute (reviste cotate ISI sau indexate în baze de date internaționale specifice domeniului) (Ri1, Ri2etc.), **articole/studii in extenso** publicate în volumele unor manifestări științifice internaționale recunoscute din țară și din străinătate (cu ISSN/ISBN) (Vi1,Vi2 etc.), precum și **alte lucrări similare**: articole/studii publicate in extenso în reviste de specialitate de circulație națională recunoscute CNCIS (Rn1, Rn2 etc.), articole/studii publicate in extenso în volumele unor manifestări științifice naționale (cu ISSN/ISBN) (Vn1,Vn2 etc.), lucrări prezentate la diferite seminarii/expoziții, inovații etc. (E1, E2 etc.), după caz, prin care se aduc contribuții la dezvoltarea domeniului.

Cb1. Peter Y.A. RYAN, **Cristian TOMA** (eds.) – *Innovative Security Solutions for Information Technology and Communications*, SECITC 2021, Springer LNCS - Lecture Notes of Computer Science Volume 13195: <https://link.springer.com/book/10.1007/978-3-031-17510-7>

Cb2. Jean-Louis LANET, **Cristian TOMA** (eds.) – *Innovative Security Solutions for Information Technology and Communications*, SECITC 2018, Springer LNCS - Lecture Notes of Computer Science Volume 11359: <https://link.springer.com/book/10.1007/978-3-030-12942-2> .

Cb3. Marius POPA, **Cristian TOMA**, Mihai DOINEA, Cristian AMANCEI, Sergiu CAPISIZU, Andra PARASCHIV – **Quantitative Assessment of Distributed Systems Audit**, Editura ASE, București, 2011, 272 pag., ISBN 978-606-505-506-3

Cb4. Ion IVAN, **Cristian TOMA** (coord.) – *Informatics Security Handbook 2nd Edition*, Editura ASE, Bucuresti, 2009, 680 pagini, ISBN 978-606-505-246-8.

Cb5. **Cristian TOMA** – *Security in Software Distributed Platforms*, Editura ASE, București, 2008, 382 pagini, ISBN 978-606-505-125-6.

Cb6. Ion IVAN, **Cristian TOMA** – *Informatics Security Handbook*, Editura ASE, București, 2006, 420 pagini, ISBN (10) 973-594-840-0, ISBN (13) 978-973-594-840-5.

Ri.1. **Cristian Toma**, Marius Popa, Bogdan Iancu, Mihai Doinea, Andreea Pascu, Filip-Ioan Dutescu, "Edge Machine Learning for the Automated Decision and Visual Computing of the Robots, IoT Embedded Devices or UAV-Drones", MDPI Electronics, vol. 1, 2022, eISSN: 2079-9292, DOI: <https://doi.org/10.3390/electronics11213507>

Ri.2. **Cristian Toma**, Marius Popa, Catalin Boja, Cristian Ciurea, Mihai Doinea, „Secure and Anonymous Voting D-App with IoT Embedded Device Using Blockchain Technology”, MDPI Electronics, vol, 11, nr. 12, 2022, eISSN: 2079-9292, ISI Journal WOS: 000818504700001, DOI: <https://doi.org/10.3390/electronics11121895>

Ri.3. **Cristian Toma**, Andrei Alexandru, Marius Popa, Alin Zamfiroiu – “IoT Solution for Smart Cities’ Pollution Monitoring and the Security Challenges”, în **MDPI Sensors** 2019, 19(15), 3401, ISSN 1424-8220; CODEN: SENS9; ISI Journal WOS: 000483198900156, DOI: <https://doi.org/10.3390/s19153401>

Ri.4. ZAMFIROIU IONUȚ ALIN, CONSTANTINESCU Dan, DOINEA-ZURINI Mădălina, **TOMA Cristian -Valeriu**, „Secure learning management system based on user behavior”, MDPI Applied Sciences-Basel vol. 10, nr. 21, 1–13, 2020, ISSN: 2076-3417, ISI Journal WOS:000589053100001, DOI: <https://doi.org/10.3390/app10217730>

Ri.5. Alin ZAMFIROIU, Ramesh C. SHARMA, Diana CONSTANTINESCU, Mădălina PANĂ, **Cristian TOMA**, „Using Learning Analytics for Analyzing Students' Behavior in Online Learning”, Studies in Informatics and Control, vol. 31(3), pp. 63-74, 2022, eISSN: 1841-429x, ISI Journal WOS: 000863974500006, DOI: <https://doi.org/10.24846/v31i3y202206>

Ri.6. Cristian Toma, Catalin Boja, Marius Popa, Mihai Doinea, and Cristian Ciurea, “Viruses, Exploits, Malware and Security Issues on IoT Devices”, In: Ryan, P., Toma, C. (eds) Innovative Security Solutions for Information Technology and Communications. SECITC 2021 Virtual Event 25-26 Nov. 2021, Springer Lecture Notes in Computer Science, **Springer LNCS** 13195, Print ISBN: 978-3-031-17509-1, Online ISBN: 978-3-031-17510-7, ISSN 0302-9743, DOI: https://doi.org/10.1007/978-3-031-17510-7_22

Ri.7. Cristian Toma, Cristian Toma, Marius Popa, Mihai Doinea, “Cloud Authentication Using FIDO Compliant Java Card Technology Secure Elements”, Book chapter, **Springer** Education, Research and Business Technologies. Smart Innovation, Systems and Technologies, Smart Innovation, Systems and Technologies, vol 276, 2022, ISBN: 978-981-16-8865-2, DOI: https://link.springer.com/chapter/10.1007/978-981-16-8866-9_6

Ri.8. Cristian Toma, Bogdan Talpiga, Catalin Boja, Marius Popa, Bogdan Iancu, Madalina Zurini – “Secure IoT Supply Chain Management Solution Using Blockchain and Smart Contracts Technology”, **Springer LNCS** – Lecture Notes of Computer Science, Conferinta SecITC 2018 – www.secitc.eu, pg. 288-299, Publisher Name: Springer, Cham; Print ISBN: 978-3-030-12941-5, Online ISBN: 978-3-030-12942-2, DOI: https://doi.org/10.1007/978-3-030-12942-2_22

Ri.9. Hesamaldin Hajjalian, **Cristian TOMA**– “Network Anomaly Detection by Means of Machine Learning: Random Forest Approach with Apache Spark”, în „Informatica Economică”, vol. 22, nr. 4, 2018, pg. 89 – 98, CNCSIS B+, Directory of Open Access Journal – DOAJ, Cabell’s Directories of Publishing Opportunities, EBSCO (Business Source Complete), ICAAP, Index Copernicus, Index of Information Systems Journals, Inspec, Open J-Gate, ProQuest Central, RePEc, Ulrich’s Periodicals Directory, ISSN 1453-1305, EISSN 1842-8088, DOI: 10.12948/issn14531305/22.4.2018.08

Ri.10. Cristian TOMA, Marius POPA – “IoT Security Approaches in Oil & Gas Solution Industry 4.0”, în „Informatica Economică”, vol. 22, nr. 3, 2018, pg. 46 – 61, CNCSIS B+, Directory of Open Access Journal – DOAJ, Cabell’s Directories of Publishing Opportunities, EBSCO (Business Source Complete), ICAAP, Index Copernicus, Index of Information Systems Journals, Inspec, Open J-Gate, ProQuest Central, RePEc, Ulrich’s Periodicals Directory, ISSN 1453-1305, EISSN 1842-8088, DOI: 10.12948/issn14531305/22.3.2018.05

Ri.11. Marius POPA, **Cristian TOMA**, Cătălin BOJA, Alin ZAMFIROIU - Privacy and Security in Connected Vehicles Ecosystems, în „Informatica Economică”, vol. 21, nr. 4, 2017, pg. 29 – 40, CNCSIS B+, Directory of Open Access Journal – DOAJ, Cabell’s Directories of Publishing Opportunities, EBSCO (Business Source Complete), ICAAP, Index Copernicus, Index of Information Systems Journals, Inspec, Open J-Gate, ProQuest Central, RePEc, Ulrich’s Periodicals Directory, ISSN 1453-1305, EISSN 1842-8088

Ri.12. Mihai DOINEA, Cătălin BOJA, Lorena BATAGAN, **Cristian TOMA**, Marius POPA – Internet of Things Based Systems for Food Safety Management, în „Informatica Economică”, vol. 19, nr. 1, 2015, pg. 87 – 97, CNCSIS B+, Directory of Open Access Journal – DOAJ, Cabell’s Directories of Publishing Opportunities, EBSCO (Business Source Complete), ICAAP, Index Copernicus, Index of Information Systems Journals, Inspec, Open J-Gate, ProQuest Central, RePEc, Ulrich’s Periodicals Directory, ISSN 1453-1305, EISSN 1842-8088

Ri.13. Cristian TOMA – M-Payments Issues and Concepts, Informatica Economică, vol. 16, nr. 3, 2012, pag. 117 – 123, Indexat in: EBSCO, DOAJ, Cabbels, CNCSIS B+, ISSN 1453-1305

Ri.14. Elena Purcaru, **Cristian TOMA** – 2D Barcode for DNA Encoding, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 3 Security Technologies for ICT, no. 3, September 30, 2011, pg. 142 – 153, Indexat in: EBSCO, DOAJ, Cabbels, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.15. Cristian TOMA – Security Issues for 2D Barcodes Ticketing Systems, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 3 Security Technologies for ICT, no. 1, March 30, 2011, pg. 34 – 53, Indexat in: EBSCO, DOAJ, Cabbels, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.16. Marius POPA, **Cristian TOMA** – Structures used in Secure Automatic Ticketing System, în „WSEAS Transactions on Computers”, vol. 9, Issue 1, January 2010, pg. 52 – 61, INSPEC, ACM, CSA, ELSEVIER, ZENTRALBLATT,

MATHSCINET of AMS, ULRICH, MATHEMATICAL REVIEWS of AMS, Directory of Published Proceedings, Computer Science Bibliography Administrator, British Library, American Chemical Society, European Library in Paris, DEST Database, Swets Information Services, Engineering Information, SCOPUS, EBSCO, EMBASE, Compendex, Geobase, BIOBASE, BIOTECHNOBASE, FLUIDEX, OceanBase, BEILSTEIN Abstracts, World Textiles, MEDLINE, German National Library of Science and Technology, IARAS Index, ISSN 1109-2750

Ri.17. Cristian TOMA, Elena Purcaru – *Security in SPGBP – Simulation of Protein Generation Bioinformatic Project*, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 2 Cryptographic Algorithms and Protocols, no. 1, March 30, 2010, pg. 35 – 45, Indexat in: *EBSCO, DOAJ, Cabbels*, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.18. Cristian TOMA – *Secure Mechanisms for E-Ticketing System*, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 1 Smart Cards and e-Commerce Solutions, no. 2, December 30, 2009, pg. 81 – 94, Indexat in: *EBSCO, DOAJ, Cabbels*, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.19. Cristian TOMA – *Sample Development on Java Smart-Card Electronic Wallet Application*, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 1 Smart Cards and e-Commerce Solutions, no. 2, December 30, 2009, pg. 60 – 80, Indexat in: *EBSCO, DOAJ, Cabbels*, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.20. Cristian TOMA – *Security Issues of the Digital Certificates within Public Key Infrastructures*, Informatica Economică, vol. 13, no. 1, 2009, pag. 16 – 28, Indexat in: *EBSCO, DOAJ, Cabbels, CNCSIS B+*, ISSN 1453-1305

Ri.21. Marius POPA, Cristian TOMA – *Stages for Development the Audit Processes of the Distributed Informatics Systems*, în „Journal of Applied Quantitative Methods”, vol. 4, no. 3, September 30, 2009, pg. 359 – 371, Indexat in: *DOAJ, CNCSIS B+*, ISSN 1842-4562

Ri.22. Marius POPA, Cristian TOMA, Cristian AMANCEI – *Characteristics of the Audit Processes for Distributed Informatics Systems*, în „Informatica Economică”, vol. 13, nr. 3(51), 2009, pg. 165 – 178, Indexat in: *CNCSIS B+, Directory of Open Access Journal – DOAJ, EBSCO (Business Source Complete), ICAAP, Index Copernicus, Index of Information Systems Journals, Open J-Gate, Ulrich's Periodicals Directory, ISSN 1453-1305*

Ri.23. Nicolae TOMAI, Cristian TOMA – *Issues of WiFi Networks*, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 1 Mobile and Wireless Applications, no. 1, March 30, 2009, pg. 3 – 12, Indexat in: *EBSCO, DOAJ, Cabbels*, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.24. Mihaela MUNTEAN, Cristian TOMA – *Mobile Agents Systems in Wireless Applications*, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 1 Mobile and Wireless Applications, no. 1, March 30, 2009, pg. 13 – 19, Indexat in: *EBSCO, DOAJ, Cabbels*, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.25. Cristian TOMA – *Future Developments in Non-Repudiation in GSM WAP Applications*, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 1 Mobile and Wireless Applications, no. 1, March 30, 2009, pg. 20 – 31, Indexat in: *EBSCO, DOAJ, Cabbels*, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.26. Cristian TOMA, Catalin BOJA – *Survey of Mobile Digital Rights Management Platforms*, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 1 Mobile and Wireless Applications, no. 1, March 30, 2009, pg. 32 – 42, Indexat in: *EBSCO, DOAJ, Cabbels*, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.27. Marius POPA, Mihai DOINEA, Cristian TOMA – *Java and Symbian M-Application Distribution Frameworks*, in „Journal of Mobile, Embedded and Distributed Systems”, vol. 1 Mobile and Wireless Applications, no. 1, March 30, 2009, pg. 50 – 59, Indexat in: *EBSCO, DOAJ, Cabbels*, Google Scholar, Index Copernicus, Cornell University Library, etc., ISSN 2067-4074

Ri.28. Cristian TOMA, Marius POPA, Cătălin BOJA, Miruna VASILACHE – *Secure Electronic Cards in Public Services*, în „Informatica Economică”, vol. 12, nr. 2(46), 2008, pg. 80 – 85, Indexat in: *EBSCO, DOAJ, Cabbels, CNCSIS B+*, ISSN 1453-1305

Ri.29. Cristian TOMA, Marius POPA, Cătălin BOJA – *Smart Card Based Solution for Non-Repudiation in GSM WAP Applications*, în „WSEAS Transactions on Computers”, vol. 7, Issue 5, May 2008, pg. 453 – 462, INSPEC, CSA, ELSEVIER, ZENTRALBLATT, MATHSCINET of AMS, ULRICH, MATHEMATICAL REVIEWS of AMS, Computer Science Bibliography Administrator, British library, American Chemical Society, European Library in Paris, DEST Database, Swets Information Services, Engineering Information, SCOPUS, EBSCO, EMBASE, Compendex, Geobase,

BIOBASE, BIOTECHNOBASE, FLUIDEX, OceanBase, BEILSTEIN Abstracts, World Textiles, MEDLINE, Mayersche, Index of Information Systems Journals, National Library of Greece, IARAS Index, ISSN 1109-2750

Ri.30. Ion IVAN, **Cristian TOMA**, Marius POPA, Cătălin BOJA - Secure Platform for Digital Rights Management Distribution, în „WSEAS Transactions on Computers”, vol. 6, Issue 3, March 2007, pg. 478 – 485, INSPEC, CSA, ELSEVIER, ZENTRALBLATT, MATHSCINET of AMS, ULRICH, MATHEMATICAL REVIEWS of AMS, Computer Science Bibliography Administrator, British library, American Chemical Society, European Library in Paris, DEST Database, Swets Information Services, Engineering Information, SCOPUS, EBSCO, EMBASE, Compendex, Geobase, BIOBASE, BIOTECHNOBASE, FLUIDEX, OceanBase, BEILSTEIN Abstracts, World Textiles, MEDLINE, Mayersche, Index of Information Systems Journals, National Library of Greece, IARAS Index, ISSN 1109-2750

Ri.31. Ion IVAN, Dragos ANASTASIU, Cătălin BOJA, Marius POPA, **Cristian TOMA** – *Structures Text Entities Dependency Graph Building - Theory and Practice*, în „WSEAS Transactions on Computers”, vol. 6, Issue 5, May 2007, pg. 835 – 842, INSPEC, CSA, ELSEVIER, ZENTRALBLATT, MATHSCINET of AMS, ULRICH, MATHEMATICAL REVIEWS of AMS, Computer Science Bibliography Administrator, British library, American Chemical Society, European Library in Paris, DEST Database, Swets Information Services, Engineering Information, SCOPUS, EBSCO, EMBASE, Compendex, Geobase, BIOBASE, BIOTECHNOBASE, FLUIDEX, OceanBase, BEILSTEIN Abstracts, World Textiles, MEDLINE, Mayersche, Index of Information Systems Journals, National Library of Greece, IARAS Index, ISSN 1109-2750

Ri.32. **Cristian TOMA** – *Secure Architectures for Mobile Applications*, în „Informatica Economică”, nr. 4(44), 2007, pg. 89 – 92, Indexat in: EBSCO, DOAJ, Cabbels, CNCIS B+, CNCIS B+, ISSN 1453-1305

Ri.33. Ion Ivan, **Cristian TOMA** – *Secure Distributed Databases Using Cryptography*, în „Informatica Economică”, nr. 3(29), 2006, pg. 25 – 29, Indexat in: EBSCO, DOAJ, Cabbels, CNCIS B+, ISSN 1453-1305, EISSN 1842-8088

Vi.1. **Cristian Toma**, Marius Popa, Mihai Doinea, “*A.I. Neural Networks Inference into the IoT Embedded Devices using TinyML for Pattern Detection within a Security System*”, Proceedings of the IE 2020 International Conference, DOI: <http://dx.doi.org/10.24818/ie2020.01.03>

Vi.2. Alin ZAMFIROIU, Bogdan IANCU, Catalin BOJA, Tiberiu GEORGESCU, Cosmin CARTAS, Marius POPA, **Cristian TOMA**, “IoT Communication Security Issues for Companies: Challenges, Protocols and The Web of Data”, Proceedings of The International Conference on Business Excellence (ICBE 2020), ISSN 2502-0226, eISSN 2558-9652.

Vi.3. Cătălin BOJA, Mădălina ZURINI, Marius POPA, **Cristian TOMA** – *Code Quality Metrics Evaluation Platform in Software Engineering Education*, Conferința Internațională „The 16th International Conference on Informatics in Economy”, Bucharest, May 04 – 07, 2017, PUBLICAT ÎN „Proceedings of the 16th International Conference on Informatics in Economy (IE 2017)”, 2017, ASE Publishing House, Bucharest, pp. 283 – 290, ISI Web of Knowledge – ISI Proceedings, ISSN 2284-7472, ISSN-L 2247-1480

Vi.4. **Cristian TOMA**, Razvan MARALES – *ZIGBEE IoT Proof of Concept for Home Automation*, Conferința Internațională „The 15th International Conference on Informatics in Economy”, Cluj-Napoca, June 02 – 05, 2016, PUBLICAT ÎN „Proceedings of the 15th International Conference on Informatics in Economy (IE 2016) – Section 2: Mobile-Embedded and Multimedia Solutions”, 2016, ASE Publishing House, Bucharest, pp. 109 – 115, ISI Web of Knowledge – ISI Proceedings, ISSN 2284-7472, ISSN-L 2247-1480

Vi.5. **Cristian TOMA**, Marius POPA – *EMV/Bitcoin Payment Transactions and Dynamic Data Authentication With Smart Java Cards*, Conferința Internațională „The 14th International Conference on Informatics in Economy”, Bucharest University of Economic Studies, Bucharest, 30 April – 3 May 2015, PUBLICAT ÎN „Proceedings of the 14th International Conference on Informatics in Economy (IE 2015) – Section 3: Mobile-Embedded and Multimedia Solutions”, 2015, ASE Publishing House, Bucharest, pg. 141 – 151, ISI Web of Knowledge – ISI Proceedings, ISSN 2284-7472, ISSN-L 2247-1480

Vi.6. **Cristian TOMA**, Marius POPA, Cristian CIUREA, Claudiu VINȚE – *Secure Issues in IoT – Internet of Things Architecture for Sensors Data Processing*, Conferința Internațională “7th International Conference on Security for Information Technology and Communications (SECIT&C 2014)”, Academy of Economic Studies and Military Technical Academy, Bucharest, June 12 – 13, 2014, PUBLICAT ÎN „Proceedings of the 7th International Conference on Security for Information Technology and Communications”, 2014, ASE Publishing House, Bucharest, pg. 163 – 172, ISSN 2285-1798, ISSN-L 2285-1798

Vi.7. Cristian TOMA, Marius POPA – *IoT – Internet of Things Architecture for Context Aware Sensors Data Processing in Waste Management Solution*, Conferința Internațională „The 13th International Conference on Informatics in Economy”, Bucharest University of Economic Studies, Bucharest, 15 – 18 May 2014, PUBLICAT ÎN „Proceedings of the 13th International Conference on Informatics in Economy (IE 2014) – Section 1: Cloud and Distributed / Parallel Computing”, 2014, ASE Publishing House, Bucharest, pg. 26 – 32, ISSN 2284-7472, ISSN-L 2247-1480

Vi.8. Cristian TOMA - *Concepts Issues of Unified Mobile Distributed Computing Framework*, Conferința Internațională „The 12th International Conference on Informatics in Economy – Education, Research & Business Technologies”, Bucharest University of Economic Studies, Bucharest, 25 – 28 April 2013, PUBLICAT ÎN „Proceedings of the 12th International Conference on Informatics in Economy (IE 2013) – Section: Mobile, Embedded and Multimedia Solutions”, 2013, ASE Publishing House, Bucharest, ISI Web of Knowledge – ISI Proceedings, ISSN 2284-7472, ISSN-L 2247-1480

Vi.9. Cristian TOMA – *Practical Results using Apache Hadoop Platform for Distributed and Parallel Computing*, Conferința Internațională „11th International Conference on Informatics in Economy – Education, Research & Business Technologies”, Academy of Economic Studies, Bucharest, 10 – 11 May 2012, PUBLICAT ÎN „The Proceedings of the Eleventh International Conference on Informatics in Economy – Section 2: Cloud Computing”, 2012, ASE Publishing House, Bucharest, ISSN 2247-1480, ISSN-L 2247-1480, format printat.

Vi.10. Cristian TOMA – *Analysis of the Secure Mobile Voice Solutions*, Conferința Internațională “4th International Conference on Security for Information Technology and Communications (SECIT&C 2011)”, Academy of Economic Studies and Military Technical Academy, Bucharest, 17 – 18 November 2011, PUBLICAT ÎN „Proceedings of the 4th International Conference on Security for Information Technology and Communications”, 2011, ASE Publishing House, Bucharest, pg. 77 – 92, ISBN 978-606-505-493-6

Vi.11. Cristian TOMA – *2D Barcodes Tickets for the Subway Access System*, Conferința Internațională „10th International Conference on Informatics in Economy – Education, Research & Business Technologies”, Academy of Economic Studies, Bucharest, 05 – 07 May 2011, PUBLICAT ÎN „The Proceedings of the Tenth International Conference on Informatics in Economy – Section: M-Learning ApplicationS Development”, 2011, ASE Publishing House, Bucharest, ISSN 2247-1480, ISSN-L 2247-1480, format electronic

Vi.12. Cristian TOMA – *Security Issues for the Subway Ticketing Systems using 2D Barcodes*, Conferința Internațională “3rd International Conference on Security for Information Technology and Communications (SECIT&C 2010)”, Military Technical Academy, Bucharest, 18 – 19 November 2010, PUBLICAT ÎN „Proceedings of the 3rd International Conference on Security for Information Technology and Communications”, 2010, ASE Publishing House, Bucharest, pg. 87 – 110, ISBN 978-606-505-385-4

Vi.13. Cristian TOMA – *Secure Authentication and Encryption Scheme for E-Ticketing System*, Conferința Internațională “2nd International Conference on Security for Information Technology and Communication (SECIT&C 2009)”, Academy of Economic Studies, Bucharest, 19 – 20 November 2009, PUBLICAT ÎN „Journal of Information Technology & Communication Security”, 2009, ASE Publishing House, Bucharest, pg. 139 – 153, ISBN 978-606-505-283-3

Vi.14. Cristian TOMA – *Secure Architecture for E-Money Transfer – SA4EMT*, Conferința Internațională „1st International Conference on Security for Information Technology and Communication”, Academy of Economic Studies Bucharest, IT&C Security Master, 27 – 28 noiembrie 2008, PUBLICAT ÎN „Journal of Information Technology & Communication Security”, 2008, ASE Publishing House, București, pg. 41 – 50, ISBN 978-606-505-137-9

Vi.15. Cristian TOMA, Marius POPA, Cătălin BOJA, Miruna VASILACHE – *Secure Mobile Electronic Card Used in Medical Services*, Applied Computing Conference, Istanbul, Turcia, 27 - 30 Mai 2008, Proceedings of the Applied Computing Conference , Computational Methods and Applied Computing, 2008, pg. 124 - 130, ISSN 1790-2769, ISBN 978-960-6766-67-1.

Vi.16. Marius Popa, Cristian Toma - *Secure Automatic Ticketing System*, in Proceedings of 8th WSEAS International Conference on Data Network, Communications and Computers, Baltimore, 2009, pp. 116–123, ISSN: 1790-5109, ISBN: 978-960-474-134-2

Vi.17. Cristian Toma, Marius Popa, Catalin Boja - *Solution for Non-Repudiation in GSM WAP Applications*, in Proceedings of 7th WSEAS International Conference on Software Engineering, Parallel and Distributed Systems, Cambridge, U.K 2008, pp. 212–219, ISBN: 978-960-6766-42-8

Vi.18. Ivan, I (Ivan, Ion); Boja, C (Boja, Catalin); Vochin, M (Vochin, Marius); Nitescu, I (Nitescu, Iulian); Toma, C (Toma, Cristian); Popa, M (Popa, Marius), *Using genetic algorithms in software optimization*, in Proceedings of the 6th WSEAS

International Conference on Telecommunications and Informatics (TELE-INFO '07)/ 6th WSEAS International Conference on Signal Processing (SIP '07), Dallas, U.S.A 2007, pp. 36–41, ISSN: 1790-5117

Vi.19. Ion IVAN, Dragos ANASTASIU, Cătălin BOJA, Marius POPA, **Cristian TOMA** – *Software for Structured Text Entities Dependency Graph Building*, Proceedings of the WSEAS International Conference on Computer Engineering and Applications - CEA'07, Gold Coast, Queensland, Australia, January 17-19, 2007, pp. 224-230; Editors Tuan Phan, Siavash H. Sohrab, Dharmendra Sharma, ediție în format electronic, CD ISSN: 1790 - 5117, ISSN:1790 - 5095, ISSN: 978-960-8457-58-4

Vi.20. Ion IVAN, **Cristian TOMA**, Cătălin BOJA – *Mobile Digital Rights Management Technologies*, The Proceedings of the International Conference Competitiveness and European Integration, October 26 - 27, 2007, Cluj-Napoca, Printing House RISOPRINT, Cluj-Napoca, 2007, ISBN: 978-973-751-597-1, pp 192 – 198

Vi.21. Ion IVAN, Cătălin BOJA, Robert ENYEDI, Marius POPA, Cristian CIUREA, **Cristian TOMA** – *Collaborative Systems*, Information Systems & Operations Management, Workshop ISOM, March 28-29, 2007, ISBN 978-973-129-057-7, pp.294 – 309.

Vi.22. Ion IVAN, Cătălin BOJA, Robert Eniedy, Popa MARIUS, Cristian Ciurea, **Cristian TOMA** – *Collaborative systems metrics*, Annals of the Tiberiu Popoviciu Seminar of Functional Equations Approximation and Convexity, Supplement International Workshop in Collaborative Systems 28 October 2006, Volume 4, 2006, Mediamira Science Publisher, Cluj Napoca, pp. 120 – 146, ISSN 1584 - 4536

Vi.23. Cătălin BOJA, Adrian Vișoiu, **Cristian TOMA** – *Optimum criteria for informatics applications*, Simpozionul Timișoara, Proceedings of the 3rd International Workshop IE&SI, Timisoara, 26-27 May 2006, Editura Mirton, Timisoara, 2006, ISBN (10) 973-661-870-6; ISBN (13) 978-973-661-870-3, pg. 35-43.

Vi.24. Ion IVAN, Marius POPA, Adrian POCOVNICU, Catalin BOJA, **Cristian TOMA**, Cristian PINTEA – *Tehnici și metode pentru achiziții de date*, Sesiunea Anuală de Comunicări Științifice cu participare Internațională STRATEGII XXI/2006 13-14 Aprilie 2006, București, Securitatea și Apărarea Spațiului Sud-Est European, în Contextul Transformărilor de la Începutul Mileniului III, Universitatea Națională de Apărare „CAROL I”, Secțiunea 10, MANAGEMENT ȘI EDUCATIE, Volumul Management educațional, Editura Universității Naționale de Apărare CAROL I, pg. 453 – 460, ISBN (10) 973-7854-35-7 (13) 978-973-7854-35-3.

Vi.25. Ion IVAN, Marius POPA, **Cristian TOMA**, Cătălin BOJA – *Data Metrics Properties*, Proceedings of the International Symposium, InfoBUSINESS 2004, Innovative Applications of Information Technologies in Business and Management, October 22 – 23th, 2004, Iasi, Romania, pp. 45 – 56, ISBN 973-716-028-2.

Rn.1. Paul POCATILU, Marius POPA, **Cristian TOMA**, Cătălin BOJA – *Metodologie de realizare a aplicațiilor pentru managementul portofoliilor proiectelor IT*, în „Cercetarea Științifică în Academia de Studii Economice din București 2006”, vol. 2 „Rezultate obținute în cadrul temelor finanțate prin granturi CNCSIS tip AT și TD”, Editura ASE, București, 2008, pg. 124 – 136, ISBN 978-606-505-054-9

Rn.2. Adrian CĂLUGĂRU, Marius POPA, **Cristian TOMA** – *On-line Payment System E-Cash*, în „Informatics Security Handbook”, Editura ASE, București, 2006, pg. 305 – 315, ISBN 973-594-840-0

Rn.3. Constanța BODEA, **Cristian TOMA**, Marius POPA – *Informatics Project Management*, în „Informatics Security Handbook”, Editura ASE, București, 2006, pg. 169 – 178, ISBN 973-594-840-0

Rn.4. **Cristian TOMA**, Marius POPA, Cătălin BOJA – *Issues of MD5 – hash algorithm and Data Encryption Standard – symmetric key algorithm*, în „Informatics Security Handbook”, Editura ASE, București, 2006, pg. 45 – 54, ISBN 973-594-840-0

Rn.5. Ion IVAN, Marius POPA, Cătălin BOJA, **Cristian TOMA** – *Metrici pentru similaritatea entităților text*, în „Studii și Cercetări de Calcul Economic și Cibernetică Economică”, vol. 39, nr. 4, 2005, pg. 43 – 57, CNCSIS C, ISSN 0585-7511

E.1. **Cristian TOMA**, Marius POPA, Cătălin BOJA, Adrian VIȘOIU – *Mobile Project Management*, Conferința Internațională „pm days '06”, Projects & Management Paradigms – competiția Student Paper Award, 22 – 23 iunie 2006, Viena, Austria, www.pmtage.at

- E.2. Ion IVAN, **Cristian TOMA**, Marius POPA, Adrian VIȘOIU – *Analiza ortogonalității componentelor din baza de modele economice*, comunicare în „A IX-a Sesiune de Comunicări Științifice a Cadrelor Didactice”, Universitatea Româno-Americană, București, 28 – 29 mai 2004
- E.3. Ion IVAN, **Cristian TOMA**, Marius POPA, Adrian VIȘOIU – *Elemente de securitate în baza de modele economice*, comunicare în „A IX-a Sesiune de Comunicări Științifice a Cadrelor Didactice”, Universitatea Româno-Americană, București, 28 – 29 mai 2004

5. Citări ale lucrărilor publicate: referința bibliografică a lucrării citate (Ci1, Ci2) și referința / ele bibliografică / e a / ale lucrării care citează (Ci1.1, Ci1.2..., Ci2.1, Ci2.2, etc.) – din motive de spațiu sunt incluse doar citările ISI cu WOS – Factor de impact și AIS:

Citări publicații ARTICOLE

- Ci.1 Cristian TOMA**, Marius POPA, Alin ZAMFIROIU, Andrei ALEXANDRU – IoT Solution for Smart Cities' Pollution Monitoring and the Security Challenges, „Sensors”, Vol. 19, Nr. 15, 2019, pg. 3401 - 3401, <https://doi.org/10.3390/s19153401>, ISI WOS 000483198900156, eISSN 1424-8220
- Ci.1.1** Muneeb A KHAN, Hyun-chul KIM, Heemin PARK – *Leveraging Machine Learning for Fault-Tolerant Air Pollutants Monitoring for a Smart City Design*, „Electronics”, Volume 11, Issue 19, Article Number 3122, October 2022, ISI WOS 000868111400001, eISSN 2079-9292
<http://dx.doi.org/10.3390/electronics11193122>
- Ci.1.2** Annalisa DI BERNARDINO, Valeria JENNINGS, Giacomo DELL'OMO – *Bird-Borne Samplers for Monitoring CO2 and Atmospheric Physical Parameter*, „Remote Sensing”, Volume 14, Issue 19, Article Number 4876, October 2022, ISI WOS 000867330700001, eISSN 2072-4292
<http://dx.doi.org/10.3390/rs14194876>
- Ci.1.3** Yohanes Yohanie Fridelin PANDUMAN, Nobuo FUNABIKI, Pradini PUSPITANINGAYU, Minoru KURIBAYASHI, Sritrasta SUKARIDHOTO, Wen-Chung KAO – *Design and Implementation of SEMAR IoT Server Platform with Applications*, „Sensors”, Volume 22, Issue 17, Article Number 6436, September 2022, ISI WOS 000851763000001, eISSN 1424-8220
<http://dx.doi.org/10.3390/s22176436>
- Ci.1.4** Sachit MAHAJAN – *Design and development of an open-source framework for citizen-centric environmental monitoring and data analysis*, „Scientific Reports”, Volume 12, Issue 1, Article Number 14416, August 24, 2022, ISI WOS 000845011100049, ISSN 2045-2322
<http://dx.doi.org/10.1038/s41598-022-18700-z>
- Ci.1.5** L. ZHANG, K. LIU, H. HAN, Y. GAO, R. SHI – *Nano sensor for near zero emission monitoring of sulfur hexafluoride*, „Global NEST Journal”, Volume 24, Issue 2, June 2022, Page(s) 195 – 202, ISI WOS 000813917000002, ISSN 1790-7632
<http://dx.doi.org/10.30955/gnj.003815>
- Ci.1.6** Akshara KAGINALKAR, Shamita KUMAR, Prashant GARGAVA, Neelesh KHARKAR, Dev NIYOGI – *SmartAirQ: A Big Data Governance Framework for Urban Air Quality Management in Smart Cities*, „Frontiers in Environmental Science”, Volume 10, Article Number 785129, April 8, 2022, ISI WOS 000791965300001, eISSN 2296-665X
<http://dx.doi.org/10.3389/fenvs.2022.785129>
- Ci.1.7** Daniel FLOR, Danilo PENA, Hyago Lucas OLIVEIRA, Luan Pena, Vicente A. DE SOUSA, Allan MARTINS – *Evaluation of Acoustic Noise Level and Impulsiveness Inside Vehicles in Different Traffic Conditions*, „Sensors”, Volume 22, Issue 5, Article Number 1946, March 2022, ISI WOS 000771527900001, eISSN 1424-8220
<http://dx.doi.org/10.3390/s22051946>
- Ci.1.8** Makoto M. KELP, Samuel LIN, J. Nathan KUTZ, Loretta J. MICKLEY – *A new approach for determining optimal placement of PM2.5 air quality sensors: case study for the contiguous United States*, „Environmental Research Letters”, Volume 17, Issue 3, Article Number 34034, March 1, 2022, ISI WOS 000762058800001, ISSN 1748-9326
<http://dx.doi.org/10.1088/1748-9326/ac548f>
- Ci.1.9** Eric NIZEYIMANA, Jimmy NSENGA, Ryosuke SHIBASAKI, Damien HANYURWIMFURA, JunSeok HWANG – *Design of Smart IoT Device for Monitoring Short-term Exposure to Air Pollution Peaks*, „International Journal of Advanced Computer Science and Applications”, Volume 13, Issue 1, January 2022, Page(s) 17 – 24, ISI WOS 000754696000001, ISSN 2158-107X, eISSN 2156-5570
- Ci.1.10** Jinling YAN, Junfeng ZHAO, Xiaodong YANG, Xufeng SU, Hailing WANG, Qiying RAN, Jianliang SHEN – *Does Low-Carbon City Pilot Policy Alleviate Urban Haze Pollution? Empirical Evidence from a Quasi-Natural Experiment in China*, „International Journal of Environmental Research and Public Health”, Volume 18, Issue 21, Article Number 11287, November 2021, ISI WOS 000723286000001, eISSN 1660-4601
<http://dx.doi.org/10.3390/ijerph182111287>
- Ci.1.11** Yuttana MONA Peerapong JITSANGIAM, Konlayutt PUNYAWUDHO – *A comparison of energy harvesting from cement and asphalt on road pavement using thermoelectric module*, 6th International Conference on Advances on Clean Energy Research (ICACER), April 15-17, 2021, Barcelona, Spain, Published in „Energy Reports”, Volume 7, Supplement 3, November 2021, Page(s) 225 – 229, ISI WOS 000707770000008, ISSN 2352-4847
<http://dx.doi.org/10.1016/j.egy.2021.06.038>
- Ci.1.12** Ahmed Samy MOURSI, Nawal EL-FISHAWY, Soufiene DJAHEL, Marwa Ahmed SHOUMAN – *An IoT enabled system for enhanced air quality monitoring and prediction on the edge*, „Complex & Intelligent Systems”, Volume 7, Issue 6, December 2021, Page(s) 2923 – 2947, ISI WOS 000679333400002, ISSN 2199-4536, eISSN 2198-6053
<http://dx.doi.org/10.1007/s40747-021-00476-w>

- Ci.1.13** Riya DHANWANI, Annshu PRAJAPATI, Ankita DIMRI, Aayushi VARMORA, Manan SHAH – *Smart Earth Technologies: a pressing need for abating pollution for a better tomorrow*, „Environmental Science and Pollution Research”, Volume 28, Issue 27, July 2021, Page(s) 35406 – 35428, ISI WOS 000652446400013, ISSN 0944-1344, eISSN 1614-7499
<http://dx.doi.org/10.1007/s11356-021-14481-6>
- Ci.1.14** Edgard Musafiri MIMO, Troy MCDANIEL – *3D Privacy Framework: The Citizen Value Driven Privacy Framework*, IEEE International Smart Cities Conference (ISC2), September 07-10, 2021, Published in „2021 IEEE International Smart Cities Conference (ISC2)”, 2021, Page(s) 1 – 7, ISI WOS 000853860800027, ISSN 2687-8852, eISSN 2687-8860, ISBN 978-1-6654-4919-9 (citare conferința)
<http://dx.doi.org/10.1109/ISC253183.2021.9562841>
- Ci.1.15** Yu-Lin ZHAO, Jiali TANG, Han-Pang HUANG, Ze WANG, Tse-Lun CHEN, Chih-Wei CHIANG, Pen-Chi CHIANG – *Development of IoT Technologies for Air Pollution Prevention and Improvement*, „Aerosol and Air Quality Research”, Volume 20, Issue 12, December 2020, Page(s) 2874 – 2888, ISI WOS 000598731600019, ISSN 1680-8584, eISSN 2071-1409
<http://dx.doi.org/10.4209/aaqr.2020.05.0255>
- Ci.1.16** Daniel FLOR, Danilo PENA, Luan P ENA, Vicente A. DE SOUSA JR, Allan MARTINS – *Characterization of Noise Level Inside a Vehicle under Different Conditions*, „Sensors”, Volume 20, Issue 9, Article Number 2471, May 2020, ISI WOS 000537106200035, eISSN 1424-8220
<http://dx.doi.org/10.3390/s20092471>
- Ci.1.17** Sami KABIR, Raihan Ul ISLAM, Mohammad Shahadat HOSSAIN, Karl ANDERSSON – *An Integrated Approach of Belief Rule Base and Deep Learning to Predict Air Pollution*, „Sensors”, Volume 20, Issue 7, Article Number 1956, April 2020, ISI WOS 000537110500152, eISSN 1424-8220
<http://dx.doi.org/10.3390/s20071956>
- Ci.1.18** Javier PASTORINO, Ashis Kumer BISWAS – *Hey ML, what can you do for me?*, 3rd IEEE International Conference on Artificial Intelligence and Knowledge Engineering AIKE 2020, December 09-11, 2020, Irvine, California, USA, Published in „2020 IEEE Third International Conference on Artificial Intelligence and Knowledge Engineering (AIKE 2020)”, Page(s) 116 – 119, ISI WOS 000675475500016, ISBN 978-1-7281-8708-2 (citare conferința)
<http://dx.doi.org/10.1109/AIKE48582.2020.00023>
- Ci.1.19** Petr HLAVACEK, Miroslav KOPACEK, Lucie HORACKOVA – *Impact of Suburbanisation on Sustainable Development of Settlements in Suburban Spaces: Smart and New Solutions*, „Sustainability”, Volume 11, Issue 24, Article Number 7182, December 2, 2019, ISI WOS 000506899000283, eISSN 2071-1050
<http://dx.doi.org/10.3390/su11247182>
- Ci.1.20** Xiaokai ZHANG, Bangning ZHANG, Kang AN; Zhuyun CHEN, Daoxing GUO – *Auction-Based Secondary Relay Selection on Overlay Spectrum Sharing in Hybrid Satellite-Terrestrial Sensor Networks*, „Sensors”, Volume 19, Issue 22, Article Number 5039, November 2019, ISI WOS 000503381500217, eISSN 1424-8220
<http://dx.doi.org/10.3390/s19225039>

Citări publicații CONFERINȚE

- Ci.2** Alin ZAMFIROIU, Bogdan IANCU, Cătălin BOJA, Tiberiu GEORGESCU, Cosmin CARTAS, Marius POPA, **Cristian TOMA** – *IoT Communication Security Issues for Companies: Challenges, Protocols and The Web of Data*, Proceedings of the International Conference on Business Excellence, vol. 14, no. 1, 2020, pp. 1109–1120, ISI WOS 000556549000104, eISSN 2558-9652
- Ci.2.1** Cristina Andreea NICOLAE, Mihai Ioan ROSCA – *Opportunities and challenges of the Internet of Things*, 15th International Conference on Business Excellence (ICBE) - Digital Economy and New Value Creation, March 18-19, 2021, Bucharest University of Economic Studies, Bucharest, Published in „Proceedings of the International Conference on Business Excellence”, Volume 15, Issue 1, December 1, 2021, Page(s) 1069 – 1082, ISI WOS 000747986800018, ISSN 2502-0226, eISSN 2558-9652 (citare conferința)
<http://dx.doi.org/10.2478/picbe-2021-0101>
- Ci.2.2** Mercedes RODRIGUEZ-GARCIA, Antonio BALDERAS, Juan MANUEL DODERO – *Privacy Preservation and Analytical Utility of E-Learning Data Mashups in the Web of Data*, „Applied Sciences”, Volume 11, Issue 18, Article Number 8506, September 2021, ISI WOS 000699091600001, eISSN 2076-3417
<http://dx.doi.org/10.3390/app11188506>
- Ci.3** Marius POPA, **Cristian TOMA** – *Secure Automatic Ticketing System*, Conferința Internațională „8th WSEAS International Conference on Data Networks, Communications, Computers (DNCOCO'09)”, Morgan State University, Baltimore, Maryland, United States of America, November 7 – 9, 2009, PUBLICAT ÎN „Proceedings of the 8th WSEAS International Conference on Data Networks, Communications, Computers (DNCOCO'09)”, Recent Advances on Data Networks, Communications, Computers, 2009, Page(s) 116 – 123, ISI WOS 000276626300013, ISSN 1790-5109, ISBN 978-960-474-134-2
- Ci.3.1** Jie SHEN, Yingjue CAI, Yang REN, Xiao YANG – *A Universal Application Storage System Based on Smart Card*, ACM Transactions on Embedded Computing Systems (TECS), Volume 15, Issue 4, August 2016, Page(s) 72-1 – 72-26, ISI WOS:000384247100011, ISSN 1539-9087, eISSN 1558-3465, ISI JCR Impact Factor (2016): 1,367
<https://dl.acm.org/citation.cfm?id=2886116>
<http://dx.doi.org/10.1145/2886116>
- Ci.4** Ion IVAN, Cătălin BOJA, Marius VOCHIN, Iulian NIȚESCU, **Cristian TOMA**, Marius POPA – *Using Genetic Algorithms in Software Optimization*, Conferința Internațională „6th WSEAS International Conference on Telecommunications and Informatics (TELE-

INFO '07)", Dallas, Texas, Statele Unite ale Americii, 22 – 24 martie 2007, PUBLICAT ÎN „Proceedings of the 6th WSEAS International Conference on Telecommunications and Informatics”, 2007, Page(s) 36 – 41, ISI WOS 000248336200008, ISSN 1790-5117, ISBN 978-960-8457-60-7

Ci.4.1 Mena NAGIUB, Wael FARAG – *Automatic Selection of Compiler Options Using Genetic Techniques for Embedded Software Design*, 14th IEEE International Symposium on Computational Intelligence and Informatics (CINTI 2013), 19–21 November, 2013, Budapest, Hungary, Page(s) 69 – 74, ISI WOS 000345626300010 , ISSN 2380-8586, Print ISBN 978-1-4799-0194-4, Publisher IEEE (citare conferința)

http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6705166&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6705166

Notă

- (1) Fiecare lucrare este prezentată, în limba în care a fost publicată/expusă, corespunzător structurii “ I, II, III, IV, V, VI, VII ”, unde: I este indicativul (T1, T2 etc.; Ca1, Ca2 etc.; ...), care se scrie “bold” la lucrările realizate după acordarea ultimului titlu didactic/grad profesional(**Ca1, I1** etc., după caz); II - autorii în ordinea din publicație, cu scriere “bold” a **candidatului**; III – *titlul*, scris “italic”; IV - editura sau revista sau manifestarea și/sau alte elemente de localizare, după caz; V - intervalul de pagini din publicație, respectiv, pp ...-..., numărul total de pagini, respectiv, ... pg., sau alte date similare, după caz; VI - anul sau perioada de realizare, după caz.; VII – ISSN (pentru reviste) sau ISBN (pentru cărți, manuale, tratate, volumele unor manifestări științifice, etc).
- (2) În cadrul fiecărui grup de lucrări (Ca1, Ca2 etc.; I1, I2 etc. ; ...), lucrările sunt în ordine invers cronologică.

Candidat,

INFORMAȚII OBLIGATORII ÎN LISTA DE LUCRĂRI

1. Monografii/cărți de specialitate/manuale/tratate:

Autori (lista completă), titlu, editură, recunoașterea CNCS a editurii în funcție de domeniul științific, an apariție, numărul total de pagini al publicației, numărul de pagini care aparțin candidatului, ISBN.

2. Articole/studii de specialitate publicate în reviste recunoscute din țară și/sau străinătate:

Autori (lista completă), titlu articol/studiu, nume revistă, număr/volum apariție și an, paginile unde se găsește articolul, baza/bazele de date care indexează revista, factorul de impact al revistei, ISSN-ul, identificator digital (DOI), conform standardelor internaționale.

3. Studii/capitole publicate în volume colective sau volumele unor conferințe publicate la o editură din țară sau străinătate:

Autori (lista completă), denumire volum colectiv/conferință, titlu studiu/capitol, denumire conferință, loc și perioadă desfășurare conferință, editură, recunoașterea CNCS a editurii în funcție de domeniul științific, an apariție volum, paginile unde se găsește studiul/capitolul, numărul total de pagini al publicației, numărul de pagini care aparțin candidatului, ISBN/ISSN.

4. Citări ale lucrărilor publicate:

Pentru lucrarea citată și pentru lucrările care citează se va completa cu referințele bibliografice conform punctelor 1, 2, 3.