

Listă de lucrări

Conf.dr.ing. Alexandru Boicea

A. Journale internaționale cu factor de impact ISI

1. Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica and Elena Cristina Buse, Sampling strategies for extracting information from large data sets, *Data & Knowledge Engineering*, ISSN: 0169-023X, Vol. 115, May 2018
2. Ciprian-Octavian Truica, Jerome Darmont, Alexandru Boicea and Florin Radulescu, Benchmarking Top-K Keyword and Top-K Document Processing with T2K2 and T2K2D2, *Future Generation Computer Systems*, ISSN: 0167-739X, Vol. 85, Aug 2018
3. Ciprian-Octavian Truica, Florin Radulescu, Alexandru Boicea, Building an Inverted Index at the DBMS Layer for Fast Full Text Search, *Control Engineering and Applied Informatics*, ISSN 1454-8658, Vol. 19, 2017
4. Alexandru Boicea, Florin Radulescu and Ciprian-Octavian Truica, Improving Query Performance in Distributed Database, *Control Engineering and Applied Informatics*, ISSN 1454-8658, Vol. 18, 2016
5. Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica and Irina Vasile, Geographic Image Mining, *Geographia Technica*, Issue No. 2, 2016, DOI: 10.21163. ISSN 1842-5135

B. Conferințe internaționale indexate ISI

1. Iulia Maria Rădulescu, Alexandru Boicea, Ciprian-Octavian Truică, Elena-Simona Apostol, Mariana Mocanu and Florin Rădulescu. DenLAC: Density Levels Aggregation Clustering - A Flexible Clustering Method, ICCS 2021- International Conference on Computational Science, ISBN:978-3-030-77961-0, Krakow, Lecture Notes in Computer Science, vol 12742. Springer, Cham. https://doi.org/10.1007/978-3-030-77961-0_27, Poland, 2021 (categoria A - CNATDCU)
2. Daniel-Călin Popeangă, Alexandru Boicea, Florin Rădulescu and Iulia Maria Rădulescu. C-SGBD – A Procedure for DBMS Performance Stability Evaluation International Business Information Management Association, 36th IBIMA Conference, ISBN: 978-0-9998551-5-7 Granada, Spain, Nov 2020
3. Iulia Maria Rădulescu, Ciprian-Octavian Truică, Elena-Simona Apostol, Alexandru Boicea, Mariana Mocanu, Daniel-Călin Popeangă and Florin Rădulescu. Density-based Text Clustering using Document Embeddings, International Business Information Management Association, 36th IBIMA Conference, ISBN: 978-0-9998551-5-7 Granada, Spain, Nov 2020
4. Alexandru Boicea, Ciprian-Octavian Truică, Florin Rădulescu, Daniel-Călin Popeangă, Iulia Maria Rădulescu and Cristina Costea, Cryptographic algorithms benchmarking: a case study , International Business Information Management Association, 34th IBIMA Conference, ISBN: 978-0-9860419-6-9, Madrid, Spain, Nov 2019
5. Iulia Maria Rădulescu, Ciprian-Octavian Truică, Elena-Simona Apostol, Alexandru Boicea, Florin Rădulescu and Mariana Mocanu, Performance evaluation of DBSCAN with similarity join algorithms, International Business Information Management Association, 34th IBIMA Conference, ISBN: 978-0-9860419-6-9, Madrid, Spain, Nov 2019

6. Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica and Cristina Costea, Database encryption using asymmetric keys: a case study, Conference of 21th International Conference on Control Systems and Computer Science (CSCS), Bucharest, Romania ISBN:978-1-4799-1780-8, May 2017
7. Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica and Elena Mihaela Grigore, Comparative Study over the Encryption and Non-Encryption of the MySQL Database, International Business Information Management Association , 28th IBIMA Conference, ISBN: 978-0-9860419-6-9, Seville, Spain, Nov 2016
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9. Ciprian-Octavian Truica, Julien Velcin and Alexandru Boicea, Florin Radulescu, Comparing different term weighting schemas for Topic Modeling, SYNASC – 18th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, ISSN: 1532-0634, Timisoara, Sep 2016
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11. Truica, C.O., Radulescu, F. , Boicea, A. and Bucur, I., Performance evaluation for CRUD operations in asynchronously replicated document oriented database, Conference of 20th International Conference on Control Systems and Computer Science(CSCS), ISBN:978-1-4799-1780-8 , Bucharest, Romania, May 27-29 2015
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15. Bucur, Ion; Stefanescu, Costin; Cupcea, Nicolae and A.Boicea., Power optimization of combinational circuits mapped on LUT-based FPGAS, 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium, Book Series: Annals of DAAAM and Proceedings Vol. 20, Vienna, Austria, Nov 25-28 2009
16. Boicea, Alexandru; Radulescu, Florin; Bucur, Ion; et al., Using Optimizer Hints in an Oracle Database, 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium , Book Series: Annals of DAAAM and Proceedings Vol. 20, Vienna, Austria, Nov 25-28 2009
17. A.Boicea, Spatial Database for Geographic Information System (GIS) Applications, The 7-th International Conference RoEduNet 2008, ISBN 978-973-662-393-6, Cluj-Napoca, 2008

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19. Radulescu, Florin and Boicea, Alexandru, A Modified Fastmap Algorithm, 19th International Symposium of the Danube-Adria-Association-for-Automation-and-Manufacturing, Book Series: Annals of DAAAM and Proceedings, Trnava, Slovakia, Oct 22-25 2008
20. Boicea, Alexandru; Radulescu, Florin and Ungureanu, Dan, Optimizing The Execution Plan in an Oracle Database, International Conference on Bio-Inspired Computational Methods Used for Difficult Problems Solving - Development of Intelligent and Complex Systems, Book Series: AIP Conference Proceedings, Volume: 1117, 2009
21. D. Ungureanu and A. Boicea, InterTraSM - A Depth First Search Algorithm for Mining Intertransaction Association Rules, The 3rd International Conference on Software and Data Technologies(ICSOFT), Porto, 2008

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5. Boicea, A., Petcu, R., Radulescu, F. and Trifan, I., Using MYSQL query cache to speed up query performance, Annals of DAAAM for 2010 and 21st International DAAAM Symposium "Intelligent Manufacturing and Automation: Focus on Interdisciplinary Solutions", Oct 20-23 2010
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7. Boicea, A., Crivat, A., Radulescu, F. and Popa, G., Performance evaluation and tuning in an oracle DBMS, Annals of DAAAM for 2010 and 21st International DAAAM Symposium "Intelligent Manufacturing and Automation: Focus on Interdisciplinary Solutions", Oct 20-23 2010
8. Boicea, A., Bentu, A.S. , Radulescu, F., Stoean, N.G., Import/export of GIS data in oracle spatial, Annals of DAAAM for 2010 and 21st International DAAAM Symposium "Intelligent Manufacturing and Automation: Focus on Interdisciplinary Solutions", Oct 20-23 2010

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14. A.Boicea, S.Petrescu, N. Cupcea, F. Radulescu, Applications with Spatial Database, 17'th International Conference on Control Systems and Computers Science (CSCS'17) , ISSN 2066-4451, Bucuresti 2009
15. Radulescu, F., Boicea, A. and Ungureanu, D.: Using Fastmap for Distance Estimation in Web Search Engines. 17'th International Conference on Control Systems and Computers Science (CSCS'17) , ISSN 2066-4451, Bucuresti 2009
16. Ungureanu, D., M.Petrescu, , Boicea, Al., Radulescu, Fl.: Intertransaction Association Rule Mining: Rule Discovery and Evaluation. 17'th International Conference on Control Systems and Computers Science (CSCS'17) , ISSN 2066-4451, Bucuresti 2009
17. S.Petrescu, A.Boicea and R.Rughinis, Real time traffic monitoring based on travel time minimization, IFAC'08 International Workshop on Logistics, Santiago Chile , 2008

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1. A. Boicea, Spatial Database for Geographic Information System (GIS) Applications, Journal of Communication and Computer, David Publishing , ISSN 1548-7709 , Vol. 6, Issue 3, p23-27, USA, Mar 2009
2. A.Tertisco, A. Boicea and G. Bordea, Utilizarea claselor de echivalență în analiza asistată de calculator a sistemelor cu evenimente discrete, Revista Informatică Economică nr.9, ISSN 1453-1305, București, 1999
3. G.Bordea, A.Tertisco and A.Boicea, Programarea asistată de calculator a traseului unei nave de transport maritim, Revista Română de Informatică și Automatică nr. 8, ISSN: 1220-1758 , ISSN: 1841 – 4303, București, 1998

E. Conferințe internaționale neindexate

1. A. Boicea, D.Ungureanu and D.Popeangă, Optimizing the execution time of procedures stored on an Oracle Server, SACCS'07 International Symposium on Automatic Control and Computer Science, ISSN 1843-665-X, Iasi, 2007

2. A. Boicea, Launching and Following of the Production on the Manufacture Tides , SINTES 9 International Symposium on Systems Theory, robotics, Computers & Process Informatics, Craiova, 1998
3. A.Boicea, C.Morărescu and C.Popescu , Algorithm for Automatic Synthesis of Control Schemes, A&Q'98 International Conference on Automation and Quality Control, Cluj Napoca, 1998
4. A. Boicea, C.Popescu and G.Burdea, Planing for a Class of Sequential Control Problems, Symposium on Modelling Simulation and Identification Systems(SIMSIS), Galați, 1998
5. C.Popescu, A.Boicea, F.Iacob and C.Morărescu, VLIW Processors – Arhitecture and Operating, A&Q'98 International Conference on Automation and Quality Control, Cluj Napoca, 1998
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F. Articole/ lucrări prezentate în plenumul unor manifestări științifice naționale

1. A. Boicea, Servicii Cloud Computing, Proiect DRU-MEBD-EN, POS DRU / 57/1.3/S/ 21086, CNEE, Eforie Nord, 26 oct 2012
2. A. Boicea, Arhitecturi de aplicații Cloud Computing, Proiect DRU-MEBD-EN, POS DRU / 57/1.3/S/ 21086, CNEE, Eforie Nord, 27 oct 2012
3. A. Boicea, Actualizarea conținutului tabelelor din baza de date, Proiect DRU-MEBD-EN, POS DRU / 57/1.3/S/ 21086, CNEE, Călimănești, 25-27 mai 2012
4. A. Boicea, Arhitecturi de aplicații software, Proiect DRU-MEBD-EN, POS DRU / 57/1.3/S/ 21086, CNEE, Călimănești, 25-27 mai 2012
5. A. Boicea, Securitatea sistemelor de baze de date, Proiect DRU-MEBD-EN, POS DRU / 57/1.3/S/ 21086, CNEE, Călimănești, 25-27 mai 2012
6. A. Boicea, Aplicație software online dedicată pentru borderouri electronice, Proiect DRU-MEBD-EN, POS DRU / 57/1.3/S/ 21086, CNEE, Călimănești, 25-27 mai 2012
7. A. Boicea, Aplicație software pentru realizarea borderourilor electronice în cadrul centrelor de evaluare ale examenelor naționale în anul școlar 2011-2012, Proiect DRU-MEBD-EN, POS DRU / 57/1.3/S/ 21086, CNEE, Călimănești, 18-20 dec 2011
8. A. Boicea, Aplicație software pentru realizarea borderourilor electronice a evaluărilor naționale în anul școlar 2011-2012, Proiect DRU-MEBD-EN, POS DRU / 57/1.3/S/ 21086, CNEE, Călimănești, 18-20 dec 2011
9. Boicea, Prelucrarea datelor și statistici privind evaluarile naționale în anul școlar 2011-2012, Proiect DRU-MEBD-EN, POS DRU / 57/1.3/S/ 21086, CNEE, Călimănești, 18-20 dec 2011
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G. Cărți si capitole de carte publicate

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H. Teza de doctorat

1. Alexandru Boicea, Metodologii de adoptare automată a deciziilor, Universitatea Politehnica din București, 1999

I. Referate prezentate în cadrul doctoratului

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J. Rapoarte de cercetare în cadrul doctoratului și postdoctorat

1. A. Boicea, Studiu comparativ între sistemele de gestiune a bazelor de date Oracle, PostgreSQL, MySQL, DB2, Facultatea de Automatică și Calculatoare, UPB, 2008
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