

Domeniul Fundamental: ȘTIINȚE INGINERESTI
 Domeniul de Studii Universitare: CALCULATOARE ȘI TEHNOLOGIA INFORMATIEI
 Comisia CNATDCU [nr./denumire]: 15. CALCULATOARE, TEHNOLOGIA INFORMATIEI ȘI INGINERIA SISTEMELOR

UNIVERSITATEA POLITEHNICA din BUCUREȘTI

FISA DE EVALUARE A ACTIVITĂȚII CANDIDATULUI
 Condiții Minimale conform OM 6129/20.12.2016

Grad Didactic, Prenume Nume: CONFERENTIER, Alexandru BOICEA
FACULTATEA DE AUTOMATICA ȘI CALCULATOARE, UNIVERSITATEA POLITEHNICA DIN BUCUREȘTI

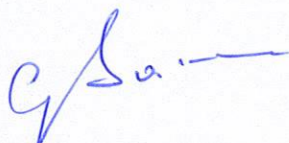
Punctaje condiții minimale (A)			
Nr.	Domeniul de activitate	Minim prevazut	Realizat
A1	Activitatea didactică / profesională (A1)	100.00	201.50
A2	Activitatea de cercetare (A2)	600.00	678.65
A3	Recunoașterea impactului activității (A3)	150.00	537.33
TOTAL (A)		850.00	1417.48

Punctaje condiții minimale obligatorii pe subcategorii			
Nr.	Domeniul de activitate	Minim prevazut	Realizat
A1.1.1- A1.1.2	Carti de specialitate	1	6
A2.1	Articole in reviste cotate ISI si in volumele unor manifestări științifice indexate ISI proceedings	15	26
A2.4.1	Granturi / proiecte de cercetare câștigate prin competiție (Director /Responsabil partener)	2	5
A3.1.1	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI sau BDI	25	248
	Factor de impact ISI cumulat pentru publicatii	10	17.13

(3 articole Q1/Q2/conf A)

STRUCTURA ACTIVITATII CANDIDATULUI

A1	Activitatea didactica si pedagogica (A1)	201.5	
A1.1.1	Carti si capitole in carti de specialitate in edituri internationale recunoscute [50p sau 100p/nr. autori] *1/4 pentru capitole		Link
	Total (A1.1.1)	0	
A1.1.2	Carti si capitole in carti de specialitate in edituri nationale recunoscute [50p/nr autori]		Link
1	C. Truica, E.A. Antonache, F.Radulescu, A.Boicea, Inventivitate, Management și Inginerie, Capitolul 4 - Procesare de documente folosind tehnologii distribuite, Editura Free, ISBN 978-606-94468-7-4, pp. 167-206, Bucuresti, 2017	3.1	format tiparit.
2	N. Tapuş, A.Boicea, F.Radulescu, s.a., Dezvoltarea resurselor umane pentru managementul eficient al bazelor de date calitative și utilizarea borderoului electronic în cadrul examenelor naționale, vol. 2, pp. 228-317, Proiect DRU- MEBD-EN, Editura Euro Standard, ISBN 978-606-93348-1-2, Bucuresti, 2013	16.7	format tiparit.
3	N. Țăpuș, A. Boicea, F. Rădulescu, Dezvoltarea resurselor umane pentru managementul eficient al bazelor de date calitative și utilizarea borderoului electronic în cadrul examenelor naționale, vol. 1, pp. 56-114, Proiect DRU-MEBD-EN, Editura Euro Standard, ISBN 978-606-93348-0-5, București, 2012	16.7	format tiparit.
4	Florin Radulescu, Alexandru Boicea, Baze de date online, pp. 55-92, Editura Academiei Oamenilor de Stiinta din Romania, ISBN 978-606-8371-13-9, Bucuresti, 2011	25	format tiparit.
5	Alexandru Boicea, Oracle PL/SQL, Editura Printech, ISBN 978-606-521-557-3, 142 pagini, Bucuresti, 2010	50	format tiparit.
6	Alexandru Boicea, Oracle SQL, SQL*Plus, Editura Printech, ISBN 973-718-606-0, 112 pagini, Bucuresti, 2006	50	format tiparit.
	Total (A1.1.2)	161.5	
A1.2.1	Material didactic / Lucrari didactice [40p/nr autori]		Link
1	A. Boicea, C. Truica, Oracle SQL*Plus, Laborator Baze de date 1, https://ocw.cs.pub.ro/courses/	20	format electronic
2	A. Boicea, C. Truica, Oracle PL/SQL, Laborator Baze de date 2, https://ocw.cs.pub.ro/courses/	20	format electronic
	Total (A1.2.1)	40	
A2	Activitatea de cercetare (A2)	678.65	



A2.1	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings [(25+30*factor impact)/nr.autori]	Nr. autori	Factor Impact	Punctaj	Link Article / Link Jurnal sau ISI	WOS
Jurnale cu factor de impact ISI * Verificarea indexării se face prin căutarea după TITLU în aplicația ISI: http://apps.webofknowledge.com ; Articolele publicate care nu au fost indexate se verifica pe baza link-ului indicat; * Verificarea factorului de impact se face prin aplicația ISI: http://admin-apps.webofknowledge.com/JCR/JCR - opțiunea "Search for a specific journal", SUBMIT, apoi "Search by: ISSN"						
	Ciprian-Octavian Truica, Jerome Darmon, Alexandru Boicea , Florin Radulescu, Benchmarking Top-K Keyword and Top-K Document Processing with T2K2 and T2K2D2, Future Generation Computer Systems, ISSN: 0167-739X, Vol. 85, pp. 60-75, aug-2018	4	7.187	60.15	https://www.sciencedirect.com/science/article/	WOS:000432100600007 Zona rosie - clasificare UEFISCDI (AIS 2021)
2	Alexandru Boicea , Florin Radulescu, Ciprian-Octavian Truica, Elena Cristina Buse, Sampling strategies for extracting information from large data sets, Data & Knowledge Engineering, ISSN: 0169-023X, Vol. 115, pp. 1-15, mai-2018	4	1.992	21.19	https://www.sciencedirect.com/science/article/	WOS:000438831900001 Zona galbena - clasificare UEFISCDI (AIS 2017)
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, pp. 1-15, 2017	3	0.973	18.06	http://ceai.srair.ro/index.php?journal=ceai&pag	WOS:000397183900010
4	Alexandru Boicea , Florin Radulescu, Ciprian-Octavian Truica, Improving Query Performance in Distributed Database, Control Engineering and Applied Informatics, ISSN 1454-8658, Vol 18, pp: 57-64 2016	3	0.973	18.06	http://www.ceai.srair.ro/index.php?journal=ceai&pag	WOS:000378583300007
5	Alexandru Boicea , Florin Radulescu, Ciprian-Octavian Truica, Irina Vasile, Geographic Image Mining, Geographia Technica, DOI: 10.21163. ISSN 1842-5135, Issue No. 2, pp. 1-13, 2016	4	0.250	8.13	https://technica.geography.org/index.php/latest-	WOS:000390931300001
Conferinte Indexate ISI * Verificarea indexării se face prin căutarea după WOS în aplicația ISI: http://apps.webofknowledge.com , apoi se va selecta Web of Science Core Collection și se va face cautare după "Accession Number" - WOS și apoi Search						
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)	6	0.750	7.92	https://link.springer.com/chapter/10.1007/978-3-030-77961-0_27	Springer International Publishing (categoria A - clasificare 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 (categoria B - CNATDCU)	4	0.250	8.13	https://ibima.org/accepted-paper/c-sgbd-a-	In curs de indexare ISI
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 (categoria B - CNATDCU)	7	0.250	4.64	https://ibima.org/accepted-paper/density-based-text-	In curs de indexare ISI
	Alexandru Boicea , Ciprian-Octavian Truica, Florin Radulescu, Daniel-Calin Popeanga, Iulia Maria Radulescu, Cristina Costea, Cryptographic algorithms benchmarking: a case study, International Business Information Management Association, 34th IBIMA Conference, pp. 1509-1517, ISBN: 978-0-9998551-3-3, Madrid, Spania, nov-2019 (categoria B - CNATDCU)	6	0.250	5.42	https://ibima.org/accepted-paper/cryptogra	WOS:000556337402056

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5	Iulia Maria Radulescu, Ciprian-Octavian Truica, Elena-Simona Apostol, Alexandru Boicea, Florin Radulescu, Mariana Mocanu, Performance evaluation of DBSCAN with similarity join algorithms, International Business Information Management Association, 34th IBIMA Conference, pp. 7957-7966, ISBN: 978-0-9998551-3-3, Madrid, Spain, nov-2019 (categoria B - CNATDCU)	6	0.250	5.42	https://ibima.org/accepted-paper/performance-evaluation-of-dbscan-with-c.pub.ro/	WOS:000561117201024
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 2017, pp. 317-323, ISBN:978-1-4799-1780-8, May 2017	4	0.250	8.13	http://cscs21.hpc.pub.ro/	WOS:000449004400043
	Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Elena Mihaela Grigore, Comparative Study over the Encryption and Non-Encryption of the MySQL Database, International Business Information Management Association, 28th IBIMA Conference, pp. 18-23, ISBN: 978-0-9860419-6-9, Sevilla, Spain, nov-2016 (categoria B - CNATDCU)	4	0.250	8.13	http://www.ibima.org/SPAIN2016/papers/boic.html	WOS:000392785700003
8	Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Elena Mihaela Grigore, New Scytale - Improving Encryption Techniques, International Business Information Management Association, 28th IBIMA Conference, pp. 2755-2761, ISBN: 978-0-9860419-6-9, pp. 1-6, Sevilla, Spain, nov-2016 (categoria B - CNATDCU)	4	0.250	8.13	http://www.ibima.org/SPAIN2016/papers/bfte.html	WOS:000392785700279
9	Ciprian-Octavian Truica, Julien Velcin, 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, pp. 307-310, Timisoara, 2016 (categoria C - CNATDCU)	4	0.250	8.13	https://ieeexplore.ieee.org/abstract/document/7829627?casa_t	WOS:000401804000042
10	C.O. Truica, J.Velcin, A. Boicea, Automatic Language Identification for Romance Languages using Stop Words and Diacritics, SYNASC – 17th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, pp. 243-246, ISSN: 1532-0634, Timisoara, 2015 (categoria C - CNATDCU)	3	0.250	10.83	http://ieeexplore.ieee.org/document/7426089/	WOS:000384643800038
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 2015, pp. 191-196, 27-29 May 2015, ISBN:978-1-4799-1780-8	4	0.250	8.13	http://ieeexplore.ieee.org/document/7168428/	WOS:000380375200027
12	Truica, Ciprian-Octavian; Boicea, Alexandru; Radulescu, Florin, Performance Time for E-Learning Applications with Multiple Databases, 10th International Scientific Conference on eLearning and Software for Education Location, pp. 121-128, ISSN: 2066 - 026X, Bucharest, Romania, 24-25 apr, 2014, DOI: 10.12753/2066-026X-14-017	3	0.250	10.83	https://www.researchgate.net/publication/265160727_Perform	WOS:000357153000017
13	Truica, Ciprian-Octavian; Boicea, Alexandru; Radulescu, Florin, Asynchronous Replication in Microsoft SQL Server, PostgreSQL and MySQL, International Conference on Cyber Science and Engineering (CyberSE), pp. 50-55, ISBN:978-1-60595-134-8, Guangzhou, China, 14-15 dec, 2013	3	0.250	10.83	https://books.google.ro/books?hl=ro&lr=&id=rn	WOS:000329287400008
14	C.O. Truica, A. Boicea, I. Trifan, CRUD operations in MongoDB, International Conference on Advanced Computer Science and Electronics Information 2013 (ICACSEI 2013), ISSN 1951-6851, Atlantis Press, vol. 41, pp. 347-350, ISBN 978-90-78677-74-1, Beijing, China, July 25-26, 2013	3	0.250	10.83	https://www.atlantispress.com/proc	WOS:000282335600686
15	Bucur, Ion; Stefanescu, Costin; Cupcea, Nicolae, A.Boicea, Power optimization of combinational circuits mapped on LUT-based FPGA, 20th International Danube-Adria-Association-for-Automation-and-Manufacturing Symposium, Book Series: Annals of DAAAM and Proceedings, Vol. 20, pp. 1231-1232, AUSTRIA, nov 25-28, 2009,	6	0.250	5.42	http://go.galegroup.com/ps/anonymous?id=GAL&E%7CA2247128	WOS:000282335600616
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, 1371-1372, Vienna, AUSTRIA, nov. 25-28, 2009	4	0.250	8.13	https://web.a.ebscohost.com/abstract?direct=t	WOS:000282335600686

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17	A.Boicea , Spatial Database for Geographic Information System (GIS) Applications, The 7-th International Conference RoEduNet 2008, ISBN 978-973-662-393-6, pp. 79-85, Cluj-Napoca 2008	1	0.250	32.50	https://www.airitilibrary.com/Publication/alDetalledMesh?docid=10.1063/1.3130638	WOS:000264285200016
18	Boicea, Alexandru ; Radulescu, Florin; 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 Location: Petru Maior Univ, Tg Mures Romania & Romanian Acad, Bucharest, Romania Date: NOV 05-07, 2008, Pages: 124-128	3	0.250	10.83	https://www.researchgate.net/publication/253093310_Optimizarea_planului_de_executie_in_baza_de_date_oracle	WOS:000264750600014
19	Radulescu, Florin; 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 pp. 1161-1162, Trnava, SLOVAKIA, oct 22-25, 2008	2	0.250	16.25	http://go.galegroup.com/ps/anonymous?id=GAL-E%7CA2253165	WOS:000262860100580
20	Boicea, Alexandru ; Radulescu, Florin; 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, pp. 89-94, Vol. 1117, 2009	3	0.250	10.83	https://aip.scitation.org/doi/abs/10.1063/1.3130638	WOS:000267795200011
21	D.Ungureanu, A. Boicea , InterTraSM- A Depth First Search Algorithm for Mining Intertransaction Association Rules, The 3rd International Conference on Software and Data Technologies, ICSoft '08, pp 148-153, Porto 2008 (categoria B - CNATDCU)	2	0.250	16.25	https://www.scitepress.org/Link.aspx?doi=10.5220/0001880701	WOS:000258924100020
Total (A2.1)			17.13	341.30		

A2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale [20/nr.autori]	Numar autori	Punctaj	Link	DOI
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, pp. 23-27, USA, Mar 2009	1	20.00	https://www.airitilibrary.com/Publication/alDetalledMesh?docid=10.1063/1.3130638	EBSCO, Inspec
2	A.Tertisco, A. Boicea , 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 (revista CNCIS categoria B+)	3	6.67	https://scholar.google.ro/scholar?hl=ro&as_sdt=10.1063/1.3130638	SCOPUS, Inspec, EBSCO
3	G.Bordea, A.Tertisco, A.Boicea , Programarea asistată de calculator a traseului unei nave de transport maritim, Revista Română de Informatică și Automatică nr. 8, București, 1998, ISSN: 1220-1758, ISSN: 1841 - 4303 (Versiunea Online)	3	6.67	https://rria.ici.ro/programarea-asistata-de-calculator-a-traseului-unei-nave-de-transport-maritim	EBSCO, Copernicus
(Pentru verificare se va accesa http://search.crossref.org si se va verifica dupa codul DOI)					
(Pentru verificare se va accesa Link-ul către articol)					

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Conferințe Indexate BDI					
(Pentru verificare se va accesa http://search.crossref.org și se va verifica după codul DOI)					
1	Andrei, L.A. and Constantin, F. and Boicea, A. and Radulescu, F., Techniques of abstraction and use of metadata structures, Proceedings - 2012 IEEE 8th International Conference on Intelligent Computer Communication and Processing, ICCP 2012, pp. 361-365, Aug. 30 - Sep 1 2012 (categoria C - CNATDCU)	4	5.00		SCOPUS, IEEE Xplore DOI:10.1109/ICCP.2012.6356214
2	Boicea, A. and Radulescu, F. and Agapin, L.I., MongoDB vs Oracle - Database comparison, Proceedings - 3rd International Conference on Emerging Intelligent Data and Web Technologies, EIDWT 2012, In Conjunction with 4-th IEEE INCoS International Conference, pages 330-335, sep 2012	3	6.67		SCOPUS, IEEE Xplore DOI:10.1109/EIDWT.2012.32
3	Boicea, A. and Magdalina, C. and Ionescu, D.-C. and Radulescu, F. and Popa, G.D., An architecture for distributed databases on workstations, Annals of DAAAM for 2011 and 22nd International DAAAM Symposium "Intelligent Manufacturing and Automation: Power of Knowledge and Creativity", pp.12-122, Nov 23-26 2011	5	4.00		EBSCO ISSN=17269679
4	A. Boicea, I. Căpitănescu, C. Rădoi and M. Petre, Video Metadata in Web-Based Applications, The 22th International DAAAM Symposium, Intelligent Manufacturing & Automation, ISSN 1726-9679, pp. 119-120, Vienna, Austria, 2011	4	5.00		EBSCO ISSN=1726-9679
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", pp.153-154, Oct 20-23 2010	4	5.00		EBSCO ISSN=17269679
6	Boicea, A. Badalau, C.B., Radulescu, F. and Nicula, A.I., Improving application performance through database caching at application tier level, Annals of DAAAM for 2010 and 21st International DAAAM Symposium "Intelligent Manufacturing and Automation: Focus on Interdisciplinary Solutions", pp. 155-156, Oct 20-23 2010	4	5.00		EBSCO ISSN=17269679
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", pp. 157-158, 20-23 October 2010	4	5.00		EBSCO ISSN=17269679
8	Boicea, A. and Bentu, A.S. and Radulescu, F. and 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", pp. 159-160, 20-23 October 2010	4	5.00		EBSCO ISSN=17269679
9	A. Boicea, E.M.Grigore, F. Radulescu, A.S. Bentu, I.Trifan, G.Popa, Database Encryption Algorithm: New Scytale, The 21th International DAAAM Symposium, Intelligent Manufacturing & Automation, pp. 161-162, ISSN 1726-9679, Croatia 2010	4	5.00		EBSCO ISSN=1726-9679
10	A. Boicea, A.I. Nicula, A. Serban, E.M.Grigore, Multi Master Replication in Oracle Database, The 21th International DAAAM Symposium, Intelligent Manufacturing & Automation, pp. 163-164, ISSN 1726-9679, Croatia 2010	4	5.00		EBSCO ISSN=1726-9679
11	A. Boicea, R.Petcu, F. Radulescu, I.Trifan, Using MySQL Query Cache to Speed Up Query Performance, The 21th International DAAAM Symposium, Intelligent Manufacturing & Automation, ISSN 1726-9679, Croatia 2010	4	5.00		EBSCO ISSN=1726-9679
12	A.Boicea, Spatial Database for Geographic Information System Applications, Journal of Communication and Computer, David Publishing, ISSN 1548-7709, Vol. 6, Issue 3, pp. 23-27, USA, Mar-2009	4	5.00		SCOPUS ISSN = 1548-7709
13	S.Petrescu, A.Boicea, R.Rughinis, Real time traffic monitoring based on travel time minimization, IFAC'08 International Workshop on Logistics, pp. 41-47, Santiago Chile, 2008, http://ifac-ww08.unab.cl/	3	6.67		ScienceDirect
14	Boicea, A., Ghita, V., Radulescu, F. and Sarbu, A.D., Encryption strategies in databases, Annals of DAAAM for 2010 and 21st International DAAAM Symposium "Intelligent Manufacturing and Automation: Focus on Interdisciplinary Solutions", pp.165-166, 20-23 October 2010	4	5.00		EBSCO ISSN=17269679
15	Boicea, A., Serban, A., Nicula, A.I. and Radulescu, F., Distributed databases replication methods for MYSQL, Annals of DAAAM for 2010 and 21st International DAAAM Symposium "Intelligent Manufacturing and Automation: Focus on Interdisciplinary Solutions", pp. 167-168, 20-23 October 2010	4	5.00		EBSCO ISSN=17269679
	Radulescu, F., Boicea, A., and Ungureanu, D., Using Fastmap for Distance Estimation in Web Search Engines. In: Procs. of the 17th Intl. Conference on Control Systems and Computer Science, Bucharest, 2009	3	6.67		SpringerLink
Total (A2.2)			117.35		

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A2.3.1	Proprietate intelectuală, brevete de invenție, certificate ORDA, internaționale [35/nr. autori]	Nr. autor	Punctaj	Link
	Total (A2.3.1)		0.00	
1.2	Proprietate intelectuală, brevete de invenție, certificate ORDA, Naționale [20/nr. autori]	Nr. autor	Punctaj	Link
	Total (A2.3.2)		0.00	
A2.4.1.1	Granturi / proiecte internaționale castigate prin competiție - Director de proiect [20 * ani în desfășurare]	Numar ani	Punctaj	Link
1	System de Gestion Commerciale, contract nr. 007/01.07.2003, durata 2 ani Furnizor: S.C. Era Soft SRL Bucuresti, J40/2882/99, R11610870 Beneficiar: UTI-Group, France, prin S.C. APAL Informatique SRL, J40/8474/2001, R14222430	2	40	
	Total (A2.4.1.1)		40.00	
A2.4.1.2	Granturi / proiecte naționale castigate prin competiție - Director de proiect [10 * ani în desfășurare]	Numar ani	Punctaj	Link
1	Managementul activității universitare, contract nr. 2059/28.07.2006 Furnizor: S.C. Orasys Soft SRL Bucuresti, J40/6729/2003, R15447334 Beneficiar: Universitatea Romano-Americana Bucuresti, CUI 9081408	2	20	
2	Sistem integrat pentru managementul activității economice, contract nr. 3748/23.07.2003 Furnizor: S.C. Orasys Soft SRL Bucuresti, J40/6729/2003, R15447334 Beneficiar: S.C. Republica S.A. Bucuresti, prin S.C. Moore Stephens RVA S.A Bucuresti, J0/548/1991, R324775	3	30	
3	Sistem ERP pentru managementul companiei, contract nr. 004/20.09.2000 Furnizor: S.C. Era Soft SRL Bucuresti, J40/2882/99, R11610870 Beneficiar: S.C. Topway Industries - SA Craiova, R6848493	2	20	
4	Sistem informatic pentru managementul și calculul costurilor de fabricație, contract nr. 100/13.06.2000 Furnizor: S.C. Era Soft SRL Bucuresti, J40/2882/99, R11610870 Beneficiar: S.C. ICMRS- SA Galati, J/17/12/1991, R1633629	3	30	
	Total (A2.4.1.2)		100.00	
2.1	Granturi / proiecte internaționale castigate prin competiție - Membru în echipa [4 * ani în desfășurare]	Numar ani	Punctaj	Link
1	ERRIC: Empowering Romanian Research on Intelligent Information Technologies, FP7-REGPOT-2010-1, ID: 264207, Director prof.dr.ing. Adina Magda Florea (UPB), durata contract: Septembrie 2010 - August 2013	3	12	http://erric.eu
	Total (A2.4.2.1)		12.00	

A2.4.2.2	Granturi / proiecte naționale castigate prin competitie - Membru in echipa [2 * ani in desfasurare]	Numar ani	Punctaj	Link
1	Start in cariera prin master didactic, MySMIS 140783, durata proiect: 11.01.2021- 9.03.2023, director proiect Teodora Chicioareanu.	2	4	
2	Solutii Integrate de Management al Afacerilor Realizate prin Proces Inovativ(SIMARPI), contract 366/13.12.2011, ID / cod SMIS 1211/37740, coordonator S.C. SISTEC-SBSOL S.A., durata contract 2011-2014, valoare contract : 5 035 633 lei, autoritatea contractanta: Autoritatea Nationala pentru Cercetare Stiintifica (ANCS)	3	6	
3	Cercetare si Dezvoltare pentru furnizare Servicii de tip Cloud Computing (CEDESCC), Contract 371/15.12.2011, ID / cod SMIS : 1166/36964, durata contract 2011-2014, valoare contract: 5 268 796 lei, coordonator S.C. SISTEC-SBSOL S.A., autoritatea contractanta: Autoritatea Nationala pentru Cercetare Stiintifica (ANCS)	3	6	
4	Dezvoltarea resursei umane pentru managementul eficient al bazelor de date calitative ale rezultatelor examenelor și evaluărilor naționale din învățământul preuniversitar(DRU- MEBD-EN), 57/1.3/S/21086, MEC-CNEE, 2009-2012, Director	3	6	
5	Rețea națională de formare continuă a cadrelor didactice din învățământul preuniversitar profesional și tehnic (CONCORD), 87/1.3/S/61397, UPB, 2010-2013, Director prof.dr.ing. Adrian Badea	3	6	
6	Servicii software semantice de Colaborare și Interoperabilitate pentru realizarea Proceselor Adaptive de business (SCIPA) - P4 - CNMP-12118, UPB, 2008-2011, Director prof.dr.ing. Adina Florea	3	6	
7	Refacerea conexiunilor aplicabile continuității istorice, etnice, economice, culturale, spirituale și a tradițiilor comunitare, de grup și de familie într-o zonă cu discontinuitate de memorie și stergere de identitate(RECONEX) - P4 - CNMP- 92-105, UPB, 2008-2011, Director dr.ing. Alexandru Botu	3	6	
8	Sistem informatic bazat pe achiziție de date și metode avansate de decizie în timp real pentru comanda și controlul unui costum ortetic robotizat pentru asistarea persoanelor cu dizabilități locomotorii (SICCOR) - P4 - CNMP- 1721, UPB, 2007-	3	6	
9	Sistem informatic autoinstruibil de asistență on-line a participanților la traficul rutier urban (SIARP), P4 - CNMP - 1065 , UPB, 2007-2010, Director prof.dr.ing. Nicolae Cupcea	3	6	
10	Detector inteligent pentru gaze toxice - INFLPR București - Magurele PN2 -CNMP-2007-018/15.09.2007, 2007-2010, Director dr.ing. Grigoriu Constantin	3	6	
11	Control avansat și noi tehnologii informatice (CANTI), L3-Platforma Interdisciplinară, Grant platforme/laboratoare de formare și cercetare interdisciplinară, CNCSIS, UPB, 2007-2010, Director prof. dr.ing. Dumitru Popescu	3	6	
12	Lanturi de dimensiuni spațiale tratate vectorial și statistic, metoda de îmbunătățire funcțional tehnologică a produselor (LANDIM), CEEX, 124/2006 UPB, S.C. Neuron Group, 2006-2008, Director prof.dr.ing. Serban Petrescu	2	4	
			0	
	Total (A2.4.2.2)		68.00	

A3	Recunoasterea si impactul activitatii (A3)	537.33
A3.1.1	Citari in carti, reviste si volume ale unor manifestari stiintifice - carti, ISI [8/nr.autori citati]	Nr. aut. art. citat Citari ISI Punctaj

1	Truica, C.O. and Radulescu, F. and 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 2015, 27-29 May 2015, ISBN:978-1-4799-1780-8, pages 191-196, citat in: 1.Tokogonon, CJA., Gao, B., Tian, GY., Yan, Y., Structural Health Monitoring Framework Based on Internet of Things: A Survey, IEEE-INST ELECTRICAL ELECTRONICS ENGINEERS INC, 445 HOES LANE, PISCATAWAY, NJ 08855-4141 USA, 2017, WOS:000403816300001 Jurnal Q1 2.Nikulchev, E., Ilin, D., Bubnov, G., Mateshuk, E., Scalable Service for Predictive Learning based on the Professional Social Networking Sites, SCIENCE & INFORMATION SAI ORGANIZATION LTD, 19 BOLLING RD, BRADFORD, WEST YORKSHIRE, 00000, ENGLAND, 2017, WOS:000403339800002	4	20	40.00
2	C.O. Truica, A. Boicea, I. Trifan, CRUD operations in MongoDB, International Conference on Advanced Computer Science and Electronics Information 2013 (ICACSEI 2013), Beijing, China, July 25-26, 2013, Atlantis Press, vol. 41, pp.347-350, ISBN 978-90-78677-74-1, ISSN 1951-6851 citat in: 1. Xu, W., Zhou, Z.H., Zhou, H., Zhang, W., Xie, J., MongoDB improves big data analysis performance on Electric	3	11	29.33
3	Boicea, Alexandru and Radulescu, Florin and Agapin, Laura Ioana. MongoDB vs Oracle - database comparison . In The 3-rd International Conference on Emerging Intelligent Data and Web Technologies (EIDWT-2012). January 2012 , citata in: 1. Li, Y., Manoharan, S., A performance comparison of SQL and NoSQL databases. IEEE Pacific Rim Conference on Communications Computers and Signal Processing, 2013, WOS:000343674300004 2. Kanade, A., Gopal, A., Kanade, S., A study of normalization and embedding in MongoDB, IEEE International Advance Computing Conference , 2014, WOS:000349866100076	3	53	141.33
4	Truica, Ciprian-Octavian; Boicea, Alexandru; Radulescu, Florin, Asynchronous Replication in Microsoft SQL Server, PostgreSQL and MySQL, International Conference on Cyber Science and Engineering (CyberSE), Guangzhou, China, ISBN:978-1-60595-134-8, 14-15 dec , 2013, Pages: 50-55 citat in: 1.Ciprian-Octavian Truica, Florin Radulescu, Alexandru Boicea, Ion Bucur in "Performance Evaluation for CRUD Operations in Asynchronously Replicated Document Oriented Database", 20th International Conference on System Controls and Computer Science 2015, IEEE, 191-196, 10.1109/cscs.2015.32, 2015, WOS:000380375200027 2. A Boicea F Radulescu in "Improving query performance in distributed database", CONTROL ENGINEERING AND	3	4	10.67
5	Boicea, A., Magdalena, C., Ionescu, D.-C. and Radulescu, F. and Popa, G.D., An architecture for distributed databases on workstations, Annals of DAAAM for 2011 and 22nd International DAAAM Symposium "Intelligent Manufacturing and Automation: Power of Knowledge and Creativity", 23-26 November 2011, pages 121-122 citat in: 1.Popa, G.D., Distributed Database Optimizations With Nosql Members, University Politehnica Of Bucharest Scientific Bulletin Series C-Electrical Engineering And Computer Science , pp. 55-64, 2015, WOS:000421799900005	4	1	2.00
6	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", 20-23 October 2010, pages 157-158 citat in: 1. Popa, G.D., Distributed Database Optimizations With Nosql Members, University Politehnica Of Bucharest Scientific	4	2	4.00
7	Radulescu, F., Boicea, A., Ungureanu, D.: Using Fastmap for Distance Estimation in Web Search Engines. In: Procs. of the 17th Intl. Conference on Control Systems and Computer Science, Bucharest (2009) citat in: 1.Radulescu, F., Turcitu, C., Analyzing Social Networks Using Non-Metric Multidimensional Scaling, , ADVANCES IN	3	1	2.67
8	D.Ungureanu, A. Boicea, InterTraSM- A Depth First Search Algorithm for Mining Intertransaction Association Rules, The 3rd International Conference on Software and Data Technologies, ICSDT '08, pp 148-153, Porto 2008 ,Search Algorithms and Applications, Edited by Nashat Mansour, ISBN 978-953-307-156-5, 504 pages, Publisher: InTech, Chapters published April 26, 2011 under CC BY-NC-SA 3.0 license, DOI: 10.5772/620, http://www.intechopen.com/books/editor/search-algorithms-and-applications citat in: 1. Dan Ungureanu in "A Search Algorithm for Intertransaction Association	2	2	8.00

9	Ciprian-Octavian Truica, Julien Velcin, 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, pp. 307-310, Timisoara, 2016 , citat in: 1. Ciprian-Octavian Truica, Elena Simona Apostol, Catalin Adrian Leordeanu in "Topic Modeling Using	4	9	18.00
10	Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Improving Query Performance in Distributed Database, Control Engineering and Applied Informatics, ISSN 1454-8658, Vol 18, pp: 57-64 2016 citat in: 1. Maabreh, Khaled Saleh, An Enhanced University Registration Model Using Distributed Database Schema , KSII	3	1	2.67
	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, pp. 1-15, 2017 citata in: 1. Kelec, Aleksandar; Dujlovic, Igor; Obradovic, Nikola, One approach for full-text search of files in MongoDB based systems, 18th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing, Timisoara, 2017	3	1	2.67
12	Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Elena Cristina Buse, Sampling strategies for extracting information from large data sets, Data & Knowledge Engineering, ISSN: 0169-023X, Vol. 115, pp. 1-15, mai-2018 citata in: 1. B. Chen, Y. Liu and Y. Zheng, Research on Ontology-based Network Security Knowledge Map, International Conference	4	4	8.00
13	C.O. Truică, A. Boicea, F. Rădulescu, Performance Time For E-Learning Applications With Multiple Databases. International Scientific Conference "eLearning and Software for Education" (ELSE2014). Editura Universitatii Nationale de Aparare "Carol I", vol. 1, ISSN 2066 - 026X, pp. 121--128, April 2014 DOI: 10.12753/2066-026X-14-017 WOS:000357153000017 citat in: 1. A Boicea F Radulescu in "Improving query performance in distributed database", CONTROL ENGINEERING AND APPLIED INFORMATICS, ROMANIAN SOC CONTROL TECH INFORMATICS, 57-64, 2016, WOS:000378583300007 2. CO Truica A Boicea in "Building an Inverted Index at the DBMS Layer for Fast Full Text Search", CONTROL ENGINEERING AND APPLIED INFORMATICS, ROMANIAN SOC CONTROL TECH INFORMATICS, 94-101, 2016, WOS:000397183900010 3. A.Ş. Duluţă, Ş. Mocanu, D. Saru, R.N. Pietraru, M. Crăciunescu, Modern Techniques on Learning Strategies Supported by Data Mining Analysis. International Scientific Conference e-Learning and Software for Education: New Technologies and Redesigning Learning Spaces (ELSE2019). NEW TECHNOLOGIES AND REDESIGNING LEARNING SPACES, VOL. II, pp. 215-222, April 2018 DOI: 10.12753/2066-026X-19-100 WOS:000473324400031 4. A.S. Duluţă, Ş. Mocanu, D. Saru, On Improving Students' Performance through Combined Statistics and Data Mining Analysis. International Scientific Conference e-Learning and Software for Education: e-Learning Challenges and New Horizons (ELSE2018). Editura Universitatii Nationale de Aparare "Carol I", vol. 2, ISSN 2066 - 026X, pp. 309-316, April 2018 DOI: 10.12753/2066-026X-18-113 WOS:000467466800042	3	4	10.67
14	Ciprian-Octavian Truica, Jerome Darmont, Alexandru Boicea, Florin Radulescu, Benchmarking Top-K Keyword and Top-K Document Processing with T2K2 and T2K2D2, Future Generation Computer Systems, ISSN: 0167-739X, Vol. 85, pp. 60-75, aug-2018 citat in: 1. S Sakr, A Zomaya, AV Vasilakos, Editorial for Special issue of FGCS special issue on "Benchmarking big data systems", Future Generation Computer Systems, Elsevier, Volume 96, July 2019, Pages 32-34, 2019, WOS:000466254600004 Jurnal Q1 2. Ciprian-Octavian Truica, Elena-Simona Apostol, Jerome Darmont, Ira Assent in "TextBenDS: a Generic Textual Data Benchmark for Distributed Systems", Information Systems Frontiers, Springer Science and Business Media LLC, 81-100, 10.1007/s10796-020-09999-y, 2021, WOS:000562310100001	4	2	4.00

15	C.O. Truică, J. Veldine, A. Boicea. Automatic Language Identification for Romance Languages using Stop Words and Diacritics. International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC2015). IEEE, ISBN 978-1-5090-0461-4, pp. 243-246, September 2015. DOI: 10.1109/SYNASC.2015.45 citat in: 1. P. Stoica, Ș. Toma, M. Ceaparu, M. L. Pura, Spoken Language Detection Experiments for Romanian, International Conference on Speech Technology and Human-Computer Dialogue (SpED), pp. 1-6. DOI: 10.1109/SPED.2019.8906547, IEEE, 2019, WOS:000571718700007 2. Jaehun Park, Byung Kwon Lee in "An opinion-driven decision-support framework for benchmarking hotel service", OMEGA-INTERNATIONAL JOURNAL OF MANAGEMENT SCIENCE, Elsevier BV, 102415, 10.1016/j.omega.2021.102415, 2021, WOS:000653744100007	3	2	5.33
16	A. Boicea, F. Rădulescu, C.O. Truică, C. Costea. Database encryption using asymmetric keys: a case study. International Conference on Control Systems and Computer Science (CSCS21). IEEE, ISBN 978-1-5386-1839-4, ISSN 2379-0482, pp. 317-323, May 2017 DOI: 10.1109/CSCS.2017.50 citat in: 1. S.M.T. Toapanta, F.G.M Quimi, R.F.R. Salazar, L.E.M. Gallegos. Cryptographic Algorithms to Mitigate the Risks of Database in the Management of a Smart City. Fourth International Congress on Information and Communication Technology, 449-461, 2020. DOI: 10.1007/978-981-32-9343-4_36 Scopus, 2020, WOS:000656948800035 2. S. Almakdi, B. Panda, M. Alshehri, A. Alazeb, An Efficient Secure System for Fetching Data from the Outsourced Encrypted Databases, IEEE Access, doi: 10.1109/ACCESS.2021.3082139. IEEE, 2021, WOS:000673832400001, Jurnal Q1	4	2	4.00
17	Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Elena Mihaela Grigore, New Scytale - Improving Encryption Techniques, International Business Information Management Association, 28th IBIMA Conference, pp. 2755-2761, ISBN: 978-0-9860419-6-9, pp. 1-6, Sevilla, Spania, nov-2016 (categoria B - CNATDCU) citat in: 1. Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Cristina Costea in "Database Encryption Using Asymmetric Keys: A Case Study", 21st International Conference on Control Systems and Computer Science (CSCS), IEEE, 317-323, 10.1109/cscs.2017.50, 2017, WOS:000449004400043	4	1	2.00
18	Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Elena Mihaela Grigore, Comparative Study over the Encryption and Non-Encryption of the MySQL Database, International Business Information Management Association, 28th IBIMA Conference, pp. 18-23, ISBN: 978-0-9860419-6-9, Sevilla, Spania, nov-2016, citat in: 1. Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Cristina Costea in "Database Encryption Using Asymmetric Keys: A Case Study", 21st International Conference on Control Systems and Computer Science (CSCS), IEEE, 317-323, 10.1109/cscs.2017.50, 2017, WOS:000449004400043 2. Boicea Alexandru; Truica Ciprian-Octavian; Radulescu Florin; Popeanga Daniel-Calin; Radulescu Iulia Maria; Costea Cristina in "Cryptographic Algorithms Benchmarking: A Case Study", 34th International-Business-Information-Management-Association (IBIMA) Conference, 1509-1517, 2019, WOS:000556337402056	4	2	4.00
19	Boicea, A., Ghita, V., Radulescu, F. and Sarbu, A.D., Encryption strategies in databases, Annals of DAAAM for 2010 and 21st International DAAAM Symposium "Intelligent Manufacturing and Automation: Focus on Interdisciplinary Solutions", pp.165-166, 20-23 October 2010 citat in: 1. Boicea A., Radulescu F., Truica C.-O., Grigore E.M. in "Comparative study over the encryption and non-encryption of the MySQL database", 28th International Business-Information-Management-Association Conference, International Business Information Management Association, IBIMA, 18-23, 2016, WOS:000392785700003 2. Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Cristina Costea in "Database Encryption Using Asymmetric Keys: A Case Study", 21st International Conference on Control Systems and Computer Science (CSCS), IEEE, 317-323, 10.1109/cscs.2017.50, 2017, WOS: 000449004400043	4	2	4.00
Total (A3.1.1)			124.00	303.33

A3.1.2	Citari in carti, reviste si volume ale unor manifestari stiintifice - BDI [4/nr.autori citati]	Nr. aut. art. citat	Citari	Punctaj
1	Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Elena Cristina Buse, Sampling strategies for extracting information from large data sets, Data & Knowledge Engineering, ISSN: 0169-023X, Vol. 115, mai-2018 citat in: 1. Gayathiri Kathiresan, Krishna Mohanta & Khanaa Velumailu Asari, Analyzing Continuous Data Streams Using Improved Stratified Sampling and Ensemble Classification, International Journal of Intelligent Engineering and Systems, Vol.11, No.5, 2018, DOI: 10.22266/ijies2018.1031.20	4	10	10
2	Ciprian-Octavian Truica, Julien Velcin, 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, citat in: 1. Dhivya Elavarasan & Durai Raj Vincent, Effective Mining Approach to Produce Quality Search Results Using Proposed Approach, International Journal of Intelligent Engineering and Systems, Apr 2017	4	7	7
3	Truica, C.-O. and Radulescu, F. and 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 2015, 27-29 May 2015, pp. 191-196, ISBN:978-1-4799-1780-8, citat in: 1. Ciprian-Octavian Truica, Jerome Darmont, Julien Velcin in "A Scalable Document-Based Architecture for Text Analysis", 12th International Conference on Advanced Data Mining and Applications (ADMA), Springer International Publishing, 481-494, 10.1007/978-3-319-49586-6_33, 2016 2. A Kaur, KS Dhindsa , Performance Evaluation for Crud Operations in NoSQL Databases, i-manager's Journal on Cloud Computing (JCC), ISSN Print: 2349-6835 , 2016 3. Nikulchev, Evgeny; Bubnov, Gregory; Ilin, Dmitry; Mateshuk, Egor in "Service for Predictive Learning of Professional Skills Based on the Social Networking Sites and Patent Analysis", FTC 2017 - Future Technologies Conference , 2017 4. A. Raghavendra, K.C. Davis. Performance evaluation of analytical queries on a stand-alone and sharded document store. Workshops of the International Conference on Extending Database Technology and the International Conference on Database Theory, EDBT/ICDT, 2017 Scopus 5.R. Gunawan, A. Rahmatulloh, I. Darmawan, Performance Evaluation of Query Response Time in The Document Stored NoSQL Database. International Conference on Quality in Research (QIR): International Symposium on Electrical and Computer Engineering, pp. 1-6, 2019. DOI: 10.1109/QIR.2019.8898035, Scopus, IEEE 6. M. Ohyyer, J.V. Moniaga, I. Sungkawa, B.E. Subagyo, I.A. Chandra. The Comparison Firebase Realtime Database and MySQL Database Performance using Wilcoxon Signed-Rank Test. Procedia Computer Science, Volume 157, pp. 396-405, ISSN 1877-0509, 2019.DOI: 10.1016/j.procs.2019.08.231, 2019, Scopus, Science Direct 7.Beach, Paul; Langhals, Brent; Grimaldi, Michael; Hodson, Douglas; Engle, Ryan in "Developing a Methodology for the Identification of Alternative NoSQL Data Models via Observation of Relational Database Usage", The 18th Int'l Conf on Information & Knowledge Engineering , pp.39-44, 2019 8. L.G. León-Vega, K. Alfaro-Badilla, A. Chacón-Rodríguez, C. Salazar-García. Optimizing Big Data Network Transfers in FPGA SoC Clusters: TECBrain Case Study. Latin American High Performance Computing Conference, pp. 49-62, 2020. DOI: 10.1007/978-3-030-41005-6_4 Springer 9. P. Shrivastava, U. Shanker. Survey on Data Replication in DRTDBS: Taxonomy and State of the Art. Journal of Advanced Research in Dynamical and Control Systems, 12(1):925-943, Institute of Advanced Scientific Research, 2020.	4	16	16
4	Boicea, A. , Magdalena, C. , Ionescu, D.-C. and Radulescu, F. and Popa, G.D., An architecture for distributed databases on workstations, Annals of DAAAM for 2011 and 22nd International DAAAM Symposium "Intelligent Manufacturing and Automation: Power of Knowledge and Creativity", 23-26 November 2011, pages 121-122 citat in: 1. Oita, A.C., Costache, S., Darzan, M., & Cristian, E.R., Ensuring Fair Wages and Ethical Consumption Through The Determination of Minimum Acceptable Payment and Cost of Sustainable Production, Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium, Volume 23, No.1, ISBN 978-3-901509-91-9, Published by DAAAM International, Vienna, Austria 2012	5	1	1

5	C.O. Truica, A. Boicea, I. Trifan, CRUD operations in MongoDB, International Conference on Advanced Computer Science and Electronics Information 2013 (ICACSEI 2013), Beijing, China, July 25-26, 2013, Atlantis Press, vol. 41, pp.347-350, ISBN 978-90-78677-74-1, ISSN 1951-6851, citat in:	3	21	28
6	Boicea, Alexandru and Radulescu, Florin and Agapin, Laura Ioana. MongoDB vs Oracle - database comparison. In The 3rd International Conference on Emerging Intelligent Data and Web Technologies (EIDWT). Jan 2012 citat in: 1. Innocent Mananana, Prudence Kadebu. Database management systems: a nosql analysis. International Journal	3	47	63
7	Boicea, A. and Crivat, A. and 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", Croatia 20-23 October 2010, pages 157-158, citat in:	4	1	1
8	A. Boicea, A.I. Nicula, A. Serban, E.M. Grigore, Multi Master Replication in Oracle Database, The 21th International DAAAM Symposium, Intelligent Manufacturing & Automation, ISSN 1726-9679, Croatia 2010 citat in: 1. Dong Liming, Liu Weidong, Shao Jie. Coexistence of Multiple Partition Plan Based Physical Database Design, ICCBN '17: Proceedings of the 5th International Conference on Communications and Broadband Networking, February 2017 Pages 41-46, https://doi.org/10.1145/3057109.3057111 , 2017, ACM 2. Haotun Lyu, Honghao Liu, Shixiong Li, Xingxing Liu, Yu Tan, Jianping Li. Design and Implementation of Biogas Production Monitoring System, Published by the American Society of Agricultural and Biological Engineers, St. Joseph, Michigan, 2019, doi:10.13031/aim.201901017	4	2	2
9	Truica, Ciprian-Octavian; Boicea, Alexandru; Radulescu, Florin, Asynchronous Replication in Microsoft SQL Server, PostgreSQL and MySQL, International Conference on Cyber Science and Engineering (CyberSE), Guangzhou, China,	3	4	5
10	D. Ungureanu, A. Boicea, InterTraSM- A Depth First Search Algorithm for Mining Intertransaction Association Rules, The 3rd International Conference on Software and Data Technologies, ICSOFT '08, Porto 2008, Search Algorithms and	2	1	2
11	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, pp. 1-15, 2017 citata in:	3	3	4
12	Ciprian-Octavian Truica, Jerome Darmont, Alexandru Boicea, Florin Radulescu, Benchmarking Top-K Keyword and Top-K Document Processing with T2K2 and T2K2D2, Future Generation Computer Systems, ISSN: 0167-739X, Vol. 85, pp. 60-75, aug-2018 citat in:	4	2	2
13	Alexandru Boicea, Florin Radulescu, Ciprian-Octavian Truica, Improving Query Performance in Distributed Database, Control Engineering and Applied Informatics, ISSN 1454-8658, Vol 18, pp: 57-64 2016 citat in: 1. Ezéchiél, K.K., Kant, S., Agarwal, R. A systematic review on distributed databases systems and their techniques. Journal of Theoretical and Applied Information Technology, 97 (1):236-266, 2019 Scopus 2. Zlatko Langovic in "Database optimisation in business systems", Serbian Journal of Engineering Management, Centre for Evaluation in Education and Science (CEON/CEES), 59-65, 10.5937/sjem1902059l, 2019, DOI:10.5937/SJEM1902059L	3	2	3

g/ Sam

14	C.O. Truiçã, J. Velcine, A. Boicea. Automatic Language Identification for Romance Languages using Stop Words and Diacritics. International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC2015). IEEE, ISBN 978-1-5090-0461-4, pp. 243–246, September 2015. DOI: 10.1109/SYNASC.2015.45 citat in: 1. Kassa, Tsegay Mullu in "Classification of Under-Resourced Language Documents Using English Ontology", Innovative systems design and engineering (Print), International Institute for Science, Technology and Education, 7-14, 10.7176/ceis/10-6-02, 2019 2. P. Pranitha, M.A.H. Farquard, G. Narshimha. Optimal page ranking system for web page personalisation using kernel-based fuzzy C-means and gravitational search algorithm. International Journal of Business Intelligence and Data Mining, 16(1):1-19, 2020. DOI: 10.1504/IJBIDM.2020.103848 3.B. Sarkar, N. Sinhababu, M. Roy, P.K.D. Pramanik, P. Choudhury. Mining Multilingual and Multiscript Twitter Data: Unleashing the Language and Script Barrier. International Journal of Business Intelligence and Data Mining 16(1):107-127, 2020. DOI: 10.1504/IJBIDM.2020.103847, 2020, Scopus 4. Pramanik Choudhury, Prasenjit Choudhury, Bidhan Sarkar, Nilanjan Sinhababu, Manob Roy, Pijush Kanti Dutta in "Mining Multilingual and Multiscript Twitter Data: Unleashing the Language and Script Barrier", International Journal of Business Intelligence and Data Mining, Inderscience Publishers, 1, 10.1504/ijbidm.2018.10009136, 2020 5. Verneti, Pedro; Freitas, Larissa in "An Assessment of Language Identification Methods on Tweets and Wikipedia Articles", Proceedings of the The Fourth Widening Natural Language Processing Workshop, ACL, 58-60, 2020, 10.18653/v1/2020.winlp-1.15 6. Philippe Monmousseau, Stéphane Puechmorel, Daniel Delahaye, Aude Marzuoli, Eric Féron. Towards a more complete view of air transportation performance combining on-time performance and passenger sentiment. ICRA 2020, 9th International Conference for Research in Air Transportation, Jun 2020, Tampa, United States 7. J. Park, B.K. Lee. An opinion-driven decision-support framework for benchmarking hotel service. OMEGA International Journal of Management Science (in press), 2021. DOI: 10.1016/j.omega.2021.102415 ScienceDirect, 2021, Elsevier	3	7	9	
Total (A3.1.2)				124.00	153.00

A3.2.1	Prezentari invitate in plenul unor manifestari stiintifice internationale si profesor invitat [10p/activitate]	Punctaj	Link
Total (A3.2.1)		0.00	

A3.2.2	Prezentari invitate in plenul unor manifestari stiintifice nationale si profesor invitat [5p/activitate]	Punctaj	Link
1	A. Boicea, Servicii Cloud Computing, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Eforie Nord, 26-oct-2012	5.00	
2	A. Boicea, Arhitecturi de aplicatii Cloud Computing, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Eforie Nord, 27-oct-2012	5.00	
3	A. Boicea, Actualizarea continutului tabelor din baza de date, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Calimanesti, 25-27-mai-2012	5.00	
4	A. Boicea, Arhitecturi de aplicatii software, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Calimanesti, 25-27-mai-2012	5.00	
5	A. Boicea, Securitatea sistemelor de baze de date, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Calimanesti, 25-27-mai-2012	5.00	
6	A. Boicea, Aplicatie software online dedicata pentru borderouri electronice, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Calimanesti, 25-27-mai-2012	5.00	

7	A. Boicea, Aplicatie 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, Calimanesti, 18--20-dec-2011	5.00	
8	A. Boicea, Aplicatie software pentru realizarea borderourilor electronice a evaluarilor naționale în anul școlar 2011-2012, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Calimanesti, 18--20-dec-2011	5.00	
9	A. Boicea, Prelucrarea datelor si statistici privind evaluarile naționale în anul școlar 2011-2012, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Calimanesti, 18--20-dec-2011	5.00	
10	A. Boicea, Aplicatie pilot pentru realizarea borderourilor electronice în cadrul centrelor de evaluare ale examenelor naționale, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Rm Valcea, 1--2-iun-2011	5.00	
11	A. Boicea, Modalitatea eficientă de implementare a procedurii de utilizare a aplicațiilor dedicate în cadrul examenelor naționale, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Casa Centrala a Armatei, Bucuresti, 18-mai-2011	5.00	
12	A. Boicea, Validarea aplicației dedicate completării borderoului electronic, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Casa Centrala a Armatei, Bucuresti, 18-mai-2011	5.00	
13	A. Boicea, Validarea aplicației dedicate completării borderoului electronic, Proiect DRU - MEBD -EN, POS DRU / 57/1.3/S/ 21086, CNEE, Casa Centrala a Armatei, Bucuresti, 18-mai-2011	5.00	
14	A.Boicea, Aplicații cu baze de date spațiale, workshop proiect SIARP, P4 - CNMP - 1065 , UPB, Bucuresti, 27 mai 2009	5.00	
15	A. Boicea, Oracle Academy in universitati, Simpozion Oracle Academy, Hotel Intercontinental, Bucuresti, 30-sep-2009	5.00	
Total (A3.2.2)		75.00	

A3.3.1	Membru in colectivele de redactie sau comitete stiintifice ai revistelor, organizator de manifestari stiintifice, internationale indexate ISI [10p]	Punctaj	Link
1			
2			
3			
Total (A3.3.1)		0.00	

A3.3.2	Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, indexate BDI [6p]	Punctaj	Link
1	Beyond Databases, Architectures and Structures (BDAS) , BDAS 2017, Ustron, Poland, 30 may - 2 June, 2017	6	http://bdas.polsl.pl/
2			
3			
Total (A3.3.2)		6.00	

A3.3.3	Membru in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, nationale si internationale neindexate [3p]	Punctaj	Link
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1			
2			
3			
Total (A3.3.3)		0.00	

A3.4.1	Premii in domeniu - Academia Romana, ASTR, academii de ramura, premii internationale [15p]	Punctaj	Link
1			
2			
3			
Total (A3.4.1)		0.00	

A3.4.2	Premii in domeniu - premii nationale in domeniu [5p]	Punctaj	Link
1			
2			
3			
Total (A3.4.2)		0.00	

1.10.2021

