

Lista parțială a publicațiilor (include doar publicațiile încadrate A, B și C)

Total Punctaj → 41.33 puncte [necesar 32 puncte]

Criterii Minimale

Articole de tip A*, A și B → 37.33 puncte [necesar 16 puncte]

Lista articolelor: http://www.razvanbocu.bocu.ro/?page_id=18.

1. R., Bocu, C., Costache, **A Homomorphic Encryption-Based System for Securely Managing Personal Health Metrics Data**, *IBM Journal of Research and Development* ISSN 0018-8646, Volume 62, Issue 1, 2018, pp. 1:1-1:10. [B(4 puncte)] // AIS2018.pdf, pagina 147], <https://ieeexplore.ieee.org/abstract/document/8269765>]
2. R., Bocu, D., Bocu, M., Iavich, **Objects Detection Using Sensors Data Fusion in Autonomous Driving Scenarios**, *Electronics* 2021, 10, 2903. <https://doi.org/10.3390/electronics10232903>, 2021. [B(4 puncte)] // IF2021.pdf, pagina 156, primele 20% din lista alba] [electronics-2021.pdf, <https://www.mdpi.com/2079-9292/10/23/2903>]
3. D., Bocu, R., Bocu, **Remarks on Interface Oriented Software Systems Modelling**, *International Journal of Computers, Communications & Control* ISSN 1841-9836, ISSN-L 1841-9836, Volume 8, Issue 5, October, 2013, pp. 662-672. [C(2 puncte)] // Este jurnal Scopus, deci se poate încadra în categoria C] [ijccc_1.pdf, <http://univagora.ro/jour/index.php/ijccc/article/view/6>] [Scopus: <https://www-scopus-com.am.e-nformation.ro/results/results.uri?sort=plf-f&src=s&stl=Remarks+on+Interface+Oriented+Software+Systems+Modelling&sid=840378ac9f5b65e0807c67c074265ac5&sot=b&sdt=b&sl=71&s=TITLE-ABS-KEY%28Remarks+on+Interface+Oriented+Software+Systems+Modelling%29&origin=searchbasic&editSaveSearch=&yearFrom=Before+1960&yearTo=Present/>]
4. R., Bocu, S. Tabirca, **The Flag-based Algorithm – A Novel Greedy Method that Optimizes Protein Communities Detection**, *International Journal of Computers, Communications & Control*, 6(1), 2011, pp. 33-44, ISSN: 1841 – 9836. [C(2 puncte)] // Este jurnal Scopus, deci se poate încadra în categoria C] [ijccc_2.pdf, <http://univagora.ro/jour/index.php/ijccc/article/view/2198>] [Scopus: <https://www-scopus-com.am.e-nformation.ro/results/results.uri?sort=plf-f&src=s&stl=The+Flag-based+Algorithm+%e2%80%93+A+Novel+Greedy+Method+that+Optimizes+Protein+Communities+Detection&sid=e343d6435f3a691fee3dfe1492c05347&sot=b&sdt=b&sl=108&s=TITLE-ABS-KEY%28The+Flag-based+Algorithm+%e2%80%93+A+Novel+Greedy+Method+that+Optimizes+Protein+Communities+Detection%29&origin=searchbasic&editSaveSearch=&yearFrom=Before+1960&yearTo=Present/>]
5. R., Bocu, M. Iavich, S. Tabirca, **A Real-Time Intrusion Detection System for Software Defined 5G Networks**, Proceedings of the Conference „Advanced Information Networking and Applications”, 2021. [B(4

- puncte) // <http://portal.core.edu.au/conf-ranks/890/>] [https://link.springer.com/chapter/10.1007/978-3-030-75078-7_44]
6. R., Bocu, A. Kerestely, A. Baicoianu, **A Research Study on Running Machine Learning Algorithms on Big Data with Spark**, Proceedings of The 14th International Conference on Knowledge Science, Engineering and Management (KSEM), 2021. [B(4 puncte) // <http://portal.core.edu.au/conf-ranks/1112/>] [https://link.springer.com/chapter/10.1007/978-3-030-82136-4_25]
 7. R., Bocu, M. Iavich, **Enhanced Autonomous Driving Through Improved 3D Objects Detection**, Proceedings of the Conference „Advanced Information Networking and Applications”, 2022. [B(4 puncte) // <http://portal.core.edu.au/conf-ranks/890/>] [https://link.springer.com/chapter/10.1007/978-3-030-99584-3_6]
 8. R., Bocu, D. Bocu, **Conceptual Foundations of Code Rationalization Through a Case Study in Haskell**, Proceedings of the Conference „Advanced Information Networking and Applications”, 2022. [B(4 puncte) // <http://portal.core.edu.au/conf-ranks/890/>] [https://link.springer.com/chapter/10.1007/978-3-030-99584-3_11]
 9. R., Bocu, M. Iavich, A. Gagnidze, **Real Time Self-developing Cybersecurity Function for 5G**, Proceedings of the Conference „Advanced Information Networking and Applications”, 2022. [B(4 puncte) // <http://portal.core.edu.au/conf-ranks/890/>] [https://link.springer.com/chapter/10.1007/978-3-030-99619-2_36]
 10. R., Bocu, M. Iavich, S. Gnatyuk, R. Odarchenko, S. Simonov, **The novel system of attacks detection in 5G**, Proceedings of the Conference „Advanced Information Networking and Applications”, 2021. [B(2 1.33 puncte) // <http://portal.core.edu.au/conf-ranks/890/>] [https://link.springer.com/chapter/10.1007/978-3-030-75075-6_47]
 11. R., Bocu, **A Secure Distributed e-Health System for the Management of Personal Health Metrics Data**, Proceedings of the Conference „Advanced Information Networking and Applications”, 2020. [B(4 puncte) // <http://portal.core.edu.au/conf-ranks/890/>] [https://link.springer.com/chapter/10.1007/978-3-030-44041-1_4]
 12. R., Bocu, **A Constructive Review Regarding the Significance of 5G Networks for the Internet of Things**, Proceedings of the Conference „Advanced Information Networking and Applications”, 2020. [B(4 puncte) // <http://portal.core.edu.au/conf-ranks/890/>] [https://link.springer.com/chapter/10.1007/978-3-030-44038-1_26]

LISTA CITĂRILOR

Total punctaj → 61.67 puncte [necesar 48 puncte]

Criterii minimale

Citari din Articole de tip A*, A sau B → 32 puncte [necesar 12 puncte]

- C., Costache, O., Machidon, A., Mladin, F., Sandu, R., Bocu, Software-Defined Networking of Linux Containers, IEEE Computer Society RoEduNet Conference, 2014.

[<https://ieeexplore.ieee.org/document/6955310>]

1	Peinl, René, Florian Holzschuher, and Florian Pfitzer. "Docker cluster management for the cloud-survey results and own solution." <i>Journal of Grid Computing</i> 14.2 (2016): 265-282. [peinl2016.pdf, referinta 44, https://link.springer.com/article/10.1007/s10723-016-9366-y]	B [AIS2016.pdf, pag. 105]	4
2	Claassen, Joris, Ralph Koning, and Paola Grosso. "Linux containers networking: Performance and scalability of kernel modules." <i>Network Operations and Management Symposium (NOMS), 2016 IEEE/IFIP</i> . IEEE, 2016. [classen2016.pdf, referinta 18, https://ieeexplore.ieee.org/abstract/document/7502883/references#references]	B [http://portal.core.edu.au/conf-ranks/723/]	4
3	Fontenla-González, Jorge, et al. "Lightweight container-based openEPC deployment and its evaluation." <i>NetSoft Conference and Workshops (NetSoft), 2016 IEEE</i> . IEEE, 2016. [fontenla-gonzalez2016.pdf, referinta 23, https://ieeexplore.ieee.org/abstract/document/7502481/references#references]	D [http://portal.core.edu.au/conf-ranks/2245/]	1
4	Claassen, Joris. "Container Network Solutions Research Project 2." (2015). [report_2015.pdf,	D	1

	referinta 22, https://rp.os3.nl/2014-2015/p45/report.pdf]		
5	BABU, YASVANTH. "DOCKER CONTAINER CLUSTER DEPLOYMENT ACROSS DIFFERENT NETWORKS." (2016). [Babu.pdf, referinta 8, http://norma.ncirl.ie/2120/1/Yasvanth%20Babu.pdf]	D	1
6	Mulfari, Davide, Antonino Longo Minnolo, and Antonio Puliafito. "Wearable Devices and IoT as Enablers of Assistive Technologies." <i>Developments in eSystems Engineering (DeSE), 2017 10th International Conference on.</i> IEEE, 2017. [mulfari2017, referinta 14, https://ieeexplore.ieee.org/abstract/document/8285790/references#references]	D [http://portal.core.edu.au/conf-ranks/2177/	1
7	Bourehghida, Pegado. <i>Desarrollo de sondas de monitorización virtuales over-switch para entornos SDN.</i> MS thesis. 2017. [Pegado.pdf, referinta 31, https://repositorio.uam.es/handle/10486/681183]	D	1
8	Watada, Junzo, et al. "Emerging trends, techniques and open issues of containerization: a review." <i>IEEE Access</i> 7 (2019): 152443-152472. [watada2019.pdf, referinta 84, https://ieeexplore.ieee.org/abstract/document/8861307/references#references]	A [IF2019.pdf, pag. 107]	8
9	Peinl, René, and Florian Holzschuher. "The Docker Ecosystem Needs Consolidation." <i>CLOSER</i> . 2015. [54760.pdf, referinta 8, https://www.scitepress.org/Papers/2015/54760/54760.pdf]	D [http://portal.core.edu.au/conf-ranks/2300/]	1
10	Smet, Piet, Bart Dhoedt, and Pieter Simoens. "Docker layer placement for on-demand provisioning of services on edge clouds." <i>IEEE Transactions on Network and Service</i>	A [IF2018.pdf, pag. 142]	8

	<i>Management</i> 15.3 (2018): 1161-1174. [smet2018.pdf, referinta 4, https://ieeexplore.ieee.org/abstract/document/8372945/references#references]		
11	Schreiber, Marc. "Prevant (Preview servant): composing microservices into reviewable and testable applications." <i>Joint Post-proceedings of the First and Second International Conference on Microservices (Microservices 2017/2019)</i> . Schloss Dagstuhl-Leibniz-Zentrum für Informatik, 2020. [schreiber2017.pdf, referinta 7, https://drops.dagstuhl.de/opus/volltexte/2020/11827/pdf/OASlcs-Microservices-2017-2019-5.pdf]	D	1
12	Iyer, Shyam T. "Systems and methods for hardware-based security for inter-container communication." U.S. Patent No. 10,503,922. 10 Dec. 2019. [US_Patent_1.pdf, referinta 1, https://patentimages.storage.googleapis.com/d9/39/ff/14228e1cd2c54e/US10503922B2.pdf]	D	1
13	Ahammad, Ishtiaq, Md Ashikur Rahman Khan, and Zayed Us Salehin. "Software-defined dew, roof, fog and cloud (SD-DRFC) framework for IoT ecosystem: the journey, novel framework architecture, simulation, and use cases." <i>SN Computer Science</i> 2.3 (2021): 1-51. [ahammad2021.pdf, referinta 14, https://link.springer.com/article/10.1007/s42979-021-00521-y]	D	1
14	Firthows, Mohamed Najath, et al. "Multi-Cloud Container Communication Using Software Defined Networks." <i>2019 International Conference on Advancements in Computing (ICAC)</i> . IEEE, 2019. [firthows2019.pdf, referinta 1,	D	1



	https://ieeexplore.ieee.org/abstract/document/9103426/references#references]		
15	PRESTO: a system for automatic provisioning of acceptance testing environments (Teza de disertație) https://core.ac.uk/reader/129821400 [referința 10, Cesare.pdf, https://core.ac.uk/reader/129821400]	D [https://core.ac.uk/reader/129821400]	1
16	(2022). Optimal Container Migration/Re-Instantiation in Hybrid Computing Environments. IEEE Open Journal of the Communications Society. PP. 1-1. 10.1109/OJCOMS.2022.3140272. [aleyadeh.pdf, referința 7, https://ieeexplore.ieee.org/abstract/document/9672111/references#references]	D	1

Total parțial: 36/(5-2)=12 puncte

Total parțial citiri A*, A, B: 24/(5-2)=8 puncte

- R., Bocu, C., Costache, **A Homomorphic Encryption-Based System for Securely Managing Personal Health Metrics Data**, *IBM Journal of Research and Development* ISSN 0018-8646, Volume 62, Issue 1, 2018, pp. 1:1-1:10.
[<https://ieeexplore.ieee.org/document/8269765>]

1	Alloghani, Mohamed, et al. "A systematic review on the status and progress of homomorphic encryption technologies." <i>Journal of Information Security and Applications</i> 48 (2019): 102362. [jisa2019.pdf, referința 67, https://www.sciencedirect.com/science/article/abs/pii/S2214212618306057]	C [IF2019.pdf, pag. 113] https://uefiscdi.gov.ro/reso-821947-if.clasament.jcr.iunie2018.pdf	2
2	Crespo-Cepeda, Rodrigo, et al. "Challenges and opportunities of amazon serverless lambda services in bioinformatics." <i>Proceedings of the 10th ACM International Conference on</i>	D	1

	<i>Bioinformatics, Computational Biology and Health Informatics</i> . 2019. [crespeda2019.pdf, referinta 4, https://dl.acm.org/doi/abs/10.1145/3307339.3343462#sec-ref]		
3	Chaudhari, Anita, and Rajesh Bansode. "Securing IoT devices generated data using homomorphic encryption." <i>Intelligent Computing and Networking</i> . Springer, Singapore, 2021. 219-226. [referinta 14, https://link.springer.com/chapter/10.1007/978-981-15-7421-4_20]	D	1
4	Zhang, Neng, et al. "Nttu: an area-efficient low-power ntt-uncoupled architecture for ntt-based multiplication." <i>IEEE Transactions on Computers</i> 69.4 (2019): 520-533. [nttu.pdf, referinta 4, https://ieeexplore.ieee.org/abstract/document/8928952/references#references]	A [pag. 103] https://uefiscdi.gov.ro/reso-urce-821947-if.clasament.jcr.iunie2018.pdf	8

5	Priyadharshini, Indra, and Vigilson Prem. "ISSN 1736-7530 (electronic) ISSN 1736-6046 (print) Formerly: Proceedings of the Estonian Academy of Sciences, series Physics & Mathematics and Chemistry Published since 1952." [prem.pdf, referinta 7, http://vana.kirj.ee/33697/?tpl=1061&c_tpl=1064]	C [IF2021.pdf, pag344 din https://uefiscdi.gov.ro/resource-868245-clasament2020_if.pdf?&wtok=&wtkps=XY5BDolwEEXv0rVih1LBYeMjJknAAZlo1BCaash3N1CXKir+fP/vMkvMMXZoEBmFLHcoEyQQVm+7PM+Hd0ADWnPvTPlqXGq760naxJZJp3YQ0ojuXEPpO9T2640IFPrjJFJ+IjzxPIiJPMWd99LuFWYAT/ly7KVqMis1jE44SBFRjT019tBpDzO4ozLbHsa0BhACgABYvcbgtyoyx8D/Jv5VPP1KkRQnSb7qCM9tpGtG2UqUpFTtY+KcVKVfrB8eQM=&wchk=22a8ab3487b48355ff6e17c4c6c57c8cd9c80e39j]	2
6	Kumbhar, Hemant Ramdas, and S. Srinivasa Rao. "Machine Learning Techniques for Homomorphically Encrypted Data." <i>Applied Computer Vision and Image Processing</i> . Springer, Singapore, 2020. 247-256. [referinta 19, https://link.springer.com/chapter/10.1007/978-981-15-4029-5_25]	D	1
7	Chaudhari, Anita, and Rajesh Bansode. "Securing Medical Data Using Fully Homomorphic Encryption." <i>ICT for Competitive Strategies</i> . CRC Press, 2020. 455-464. [pagina 463, referinta 5, https://www.google.com/books?hl=ro&lr=&id=YsjhDwAAQBAJ&oi=fnd&pg=PA455&dq=Securing+Medical+Data+Using+Fully+Homomorphic+Encryption&ots=Tc4THoVesk&sig=kITU6LH1zTJEjMhi4Ur1yta5EKM]	D	1



8	Hamza, Rafik, and Koji Zettsu. "Investigation on Privacy-Preserving Techniques For Personal Data." <i>Proceedings of the 2021 ICDAR Conference</i> . [referinta 6, https://dl.acm.org/doi/abs/10.1145/3463944.3469267]	D	1
9	Munjal, K., Bhatia, R. A systematic review of homomorphic encryption and its contributions in healthcare industry. <i>Complex Intell. Syst.</i> (2022). https://doi.org/10.1007/s40747-022-00756-z [referinta 90]	A [pagina 90, primele 20% zona galbena, https://uefiscdi.gov.ro/resource-868245-clasament2020_if.pdf]	8

Total parțial: 25/1=25 puncte

Total partial citari A*, A, B: 16/1=16 puncte

- R., Bocu, D., Bocu, M., Iavich, **Objects Detection Using Sensors Data Fusion in Autonomous Driving Scenarios**, *Electronics* **2021**, *10*, 2903.

<https://doi.org/10.3390/electronics10232903>, 2021.

[<https://www.mdpi.com/2079-9292/10/23/2903/pdf>]

1	Lee, J.-M.; Seo, M.-S.; Kim, D.-H.; Lee, S.-W.; Park, J.-C.; Choi, D.-G. Exploiting Features with Split-and-Share Module. <i>Electronics</i> 2022 , <i>11</i> , 235. https://doi.org/10.3390/electronics11020235 [electronics-1.pdf, referinta 5, https://www.mdpi.com/2079-9292/11/2/235/htm]	B(4 puncte) // IF2021.pdf, pagina 156, primele 20% din lista alba	4
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Total parțial: 4/1=4 puncte

Total partial citari A*, A, B: 4/1=4 puncte

- D., Bocu, R., Bocu, B. Patrut, The Role of the WEB Technologies in Connection to the

Communication's Streamlining and Diversification Between the Actors of a Learning System. "Social Media in Higher Education: Teaching in Web 2.0", DOI: 10.4018/978-1-4666-2970-7.ch011, 2013.

[<https://www.igi-global.com/chapter/role-web-technologies-connection-communication/75355>]

1	https://parc.ipp.pt/index.php/sensos/article/view/3102 [1493.pdf, referinta 4, https://parc.ipp.pt/index.php/sensos/article/view/3102/1493]	D	1
2	Oliveira L., Figueira Á. (2017) Social Network Analytics in Formal and Informal Learning Environments with EduBridge Social. In: Costagliola G., Uhomobhi J., Zvacek S., McLaren B. (eds) Computers Supported Education. CSEDU 2016. Communications in Computer and Information Science, vol 739. Springer, Cham. https://doi.org/10.1007/978-3-319-63184-4_16 [PXZD.pdf, referinta 3, https://link.springer.com/chapter/10.1007/978-3-319-63184-4_16]	D	1
3	Oliveira, L. and Figueira, Á. (2016). EduBridge Social - Bridging Social Networks and Learning Management Systems. In Proceedings of the 8th International Conference on Computer Supported Education - Volume 1: CSEDU, ISBN 978-989-758-179-3; ISSN 2184-5026, pages 162-171. DOI: 10.5220/0005811101620171 [CSEDU2016.pdf, referinta 5, https://recipp.ipp.pt/bitstream/10400.22/12087/1/CSEDU_2016_92.pdf]	D	1
4	Pieper, Maurits Benjamin. "The student-lecturer relationship on Facebook: identifying the measures lecturers take in order to maintain a balance between their personal and professional image when using Facebook." (2015). [Maurits.pdf, referinta 8, https://openrepository.aut.ac.nz/handle/10292/9157]	D	1

Total parțial: 4/1=4 puncte

Total partial citari A*, A, B: 0

- R. Bocu, S., Tabirca, Fister-Panetta upper bound – a computational approach, IEEE Computer Society / Proceedings of the International Conference on Biocomputation, Bioinformatics and Biomedical Technologies, pp. 17-22, 2008, ISBN: 978-0-7695-3191-5.
Notă: Documentul legal de referință specifică foarte clar, în această privință, se elimină citările care îl au pe candidat drept autor sau coautor, nu se spune ca s-ar elimina și citările care îi au pe unii coautori trecuți ai candidatului drept autori!

[<https://ieeexplore.ieee.org/document/4561128>]

1	Paltanea, Marius, et al. "Logarithmic growth in biological processes." Computer Modelling and Simulation (International Conference on Modelling and Simulation), 2010 12th International Conference on. IEEE, 2010. [Logarithmic_1, referinta 8, https://ieeexplore.ieee.org/document/5481085/references#references]	B [http://portal.core.edu.au/conferences/507/]	4
2	Paltanea, Marius, et al. "Cancer prediction modeling from volumetric data." Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2009 11th International Symposium on. IEEE, 2009. [volumetric_1.pdf, referinta 11, https://ieeexplore.ieee.org/abstract/document/5460854/references#references]	D	1
3	Zanellati, Andrea. Il modello di Fister-Panetta per la crescita di cellule tumorali: analisi qualitativa e aspetti didattici. Diss. [zanellati_andrea_tesi.pdf, referinta 4, https://amslaurea.unibo.it/2283/1/zanellati_andrea_tesi.pdf]	D	1
4	Djouhar, Yousfi, and Rekhou Juba. <i>Résolution d'un problème de commande optimale par la méthode de; tir; Mémoire soutenu</i>	D	1

	publiquement le 14/07. Diss. Université Mouloud Mammeri, 2016. [Yousfi.pdf, referinta 9, https://www.ummtto.dz/dspace/bitstream/handle/ummtto/7373/YousfiDjouhar_RekhoulJuba.pdf?sequence=1&isAllowed=y]		
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Total partial: 7/1 = 7 puncte

Total partial citari A*, A, B: 4/1=4 puncte

- R., Bocu, S. Tabirca, The Flag-based Algorithm - A Novel Greedy Method that Optimizes Protein Communities Detection, International Journal of Computers, Communications & Control, 6(1), 2011, pp. 33-44, ISSN: 1841 - 9836. <http://univagora.ro/jour/index.php/ijccc/article/view/2198>]

1	Lei, Xiujuan, Siguo Wang, and Linqiang Pan. "Identifying Essential Proteins in Dynamic PPI Network with Improved FOA." <i>INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL</i> 13.3 (2018): 365-382. [lei_x.pdf, referinta 2] Link articol: http://univagora.ro/jour/index.php/ijccc/article/view/3285	C [IF2021.pdf, pag. 17]	2
2	Tai-chuan, Sun, et al. "The Direction-finding Stations Scheduling Algorithm Based on BPSO." (2016). [bpso.pdf, referinta 13, https://www.atlantispress.com/proceedings/nceece-15/25847066]	D	1

Total parțial: 3/1=3 puncte

Total partial citari A*, A, B: 0

- D., Bocu, R., Bocu, Modelarea obiect orientată cu UML. Fundamentele modelării cu UML. Inițiere în șabloane de proiectare utilizând sintaxa UML. ISBN 973-650-194-

9, Editura Albastră, Cluj-Napoca, 2006.

[<http://www.albastra.ro/carti/V213.htm>]

1	CRISTESCU, Marian Pompiliu, et al. "SPECIFICATION METHODS OF ECONOMIC PROCESSES." <i>Journal of Applied Quantitative Methods</i> 8.4 (2013). [jaqm_vol8_issue4.pdf, pagina 35, referinta 3, http://www.jaqm.ro/issues/volume-8,issue-4/pdfs/jaqm_vol8_issue4.pdf#page=35]	D	1
2	Avram, Calin, et al. "THE DESIGN OF INFORMATION SYSTEM FOR IMPLEMENTATION OF FORMAI MODELS." <i>Land Forces Academy Review</i> 17.4 (2012): 413. [avram_calin.pdf, referinta 2, https://www.proquest.com/docview/1270319273?pq-origsite=gscholar&fromopenview=true]	D	1
3	http://www.ctptc-airinei.ro/catinfo/1Modelarea%20sistemelor%20informatice.doc [MSI.doc, referinta 2]	D	1

Total parțial: 3/1=3 puncte

Total partial citari A*, A, B: 0

- R. Bocu, IP Pooling-Based Email Systems Reputation Assurance, Proceedings of The RoEduNet 2011 International Conference, pp. 98-103, 2011, ISSN: 2247-5443 / IEEE eISSN: 2068-1038 / Print ISBN: 978-1-4577-1233-3.

[<https://ieeexplore.ieee.org/document/5993695>]

1	Liu, Pingchuan, and Teng-Sheng Moh. "Content Based Spam E-mail Filtering." <i>Collaboration Technologies and Systems (CTS), 2016 International Conference on.</i> IEEE, 2016. [liu2016.pdf, referinta 13, https://ieeexplore.ieee.org/abstract/document/7870990/references#references]	D	1
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2	Click, Kelly, Amritraj Singh, Reza M. Parizi, Gautam Srivastava, and Ali Dehghantanha. "Immutable and Secure IP Address Protection Using Blockchain." (2020): 233-246. [referinta 27, https://link.springer.com/chapter/10.1007/978-3-030-38181-3_12]	D	1
3	Vanacken, Lode, and Rob Bertels. "System and method for virtual machine port translation and dynamic routing." U.S. Patent No. 10,868,759. 15 Dec. 2020. [US_Patent_2.pdf, pagina 2, https://patents.google.com/patent/US10868759B2/en]	D	1

Total parțial: 3/1=3 puncte

Total partial citari A*, A, B: 0

- R., Bocu, M. Iavich, S. Gnatyuk, R. Odarchenko, S. Simonov, **The novel system of attacks detection in 5G**, Proceedings of the Conference „Advanced Information Networking and Applications”, 2021.

[https://link.springer.com/chapter/10.1007/978-3-030-75075-6_47]

1	Gnatyuk, Sergiy, Rat Berdibayev, Tetiana Smirnova, Zhadyra Avkurova, and Maksim Iavich. "Cloud-Based Cyber Incidents Response System and Software Tools." In <i>International Conference on Information and Software Technologies</i> , pp. 169-184. Springer, Cham, 2021. [referinta 8, https://link.springer.com/chapter/10.1007/978-3-030-88304-1_14]	D	1
2	Iavich, Maksim, Giorgi Akhalaia, and Sergiy Gnatyuk. "Method of Improving the Security of 5G Network Architecture Concept for Energy and Other Sectors of the Critical Infrastructure." In <i>Systems, Decision and Control in Energy III</i> , pp. 237-246. Springer, Cham, 2022. [referinta 12, https://link.springer.com/chapter/10.1007/978-3-030-87675-3_14]	D	1

Total parțial: 2/3=0.67 puncte

Total partial citari A*, A, B: 0

Evaluare Performanță Academică
Total punctaj: 45 de puncte [necesar 36 puncte]

1. Cărți / Capitole → 9 puncte

Contribuție	Tip	Scor
D., Bocu, R., Bocu, Incursiuni speculative in si dincolo de Ingineria Softului . ISBN 978-606-250-661-2, Editura Matrix ROM, Bucuresti, 2021. [scan0002.png] [https://www.emag.ro/incursiuni-speculative-in-si-dincolo-de-ingineria-softului-dorin-bocu-razvan-bocu-isf0/pd/DPYMSHMBM/]	D	2
D., Bocu, R., Bocu, Provocari si metode de abordare in managementul proiectelor IT . ISBN 978-973-650-299-6, Editura Albastră, Cluj-Napoca, 2013. [scan0003.png] [https://www.emag.ro/provocari-si-metode-de-abordare-in-managementul-proiectelor-it-dorin-bocu-razvan-bocu-alb978-973-650-299-6/pd/DCZV4BBBM/]	D	2
D., Bocu, R., Bocu, Modelarea obiect orientată cu UML. Fundamentele modelării cu UML. Inițiere în șabloane de proiectare utilizând sintaxa UML . ISBN 973-650-194-9, Editura Albastră, Cluj-Napoca, 2006. [scan0004.png] [http://www.albastra.ro/carti/V213.htm]	D	2
D., Bocu, R., Bocu, The Role of the WEB Technologies in Connection to the Communication's Streamlining and Diversification Between the Actors of a Learning System . Chapter published in the book "Social Media in Higher Education: Teaching in Web 2.0", [DOI: 10.4018/978-1-4666-2970-7.ch011], 2013. [https://www.igi-global.com/chapter/role-web-technologies-connection-communication/75355]	E	1
R., Bocu, D., Bocu, Prietenul meu, calculatorul – Informatică pentru gimnaziu . Transilvania University Press, 2012. [scan0001.pdf] [https://www.unitbv.ro/editura-universitatii/publicatii/stiinte-exacte/1096-2012.html] [http://catalog.bnrm.md/opac/author/678142;jsessionid=EE80BCA6F2D45DB86B23608165F3BD9E]	D	2

Total partial i): 9 puncte

2. Coordonator / Investigator Proiecte de cercetare → 10 puncte

Project	Funding Agency	Amount	Scor
Efficient algorithms for interactome networks/Dynamic Interactome Networks [Coordonator]	Irish Research Council for Science, Engineering & Technology (IRCSET) [Doc1_Irlanda.jpeg, Doc2_Irlanda.jpeg, Doc4_Irlanda.jpeg]	€72,000.00	4 pct.
Brandingul destinatiilor si tehnici neconventionale de interpretare a patrimoniului [Investigator]	Guvernul Romaniei / CJ Brașov [Dovada_prj_Branding.pdf]	<€50,000.00	1 pct.
Model-Driven European Paediatric Digital Repository [Investigator]	Uniunea Europeana / Guvernul Romaniei [Adeverinta_RBocu_MD_PDR.pdf]	€272.680	4 pct.

Total V): 9 puncte



Partial cumulat: 18 p

3. Profesor la o Universitate din top 300 → (2*36 luni)→24 puncte

University College Cork este o universitate din top 300 [Dovada_UCC.png] la care am lucrat, in calitate de cadru didactic si cercetator, in perioada Octombrie 2007 – Octombrie 2010, fiind încadrat, plătit și tratat ca orice alt profesor irlandez, fapt certificat în documentul doveditor specificat.

[Doc4_Irlanda.jpeg, Dovada_UCC.png]

Total IX: 24 puncte

Partial cumulat: 42 p

4. Consolidarea de echipe de cercetare

Coordonez grupul de cercetare *High Performance and Cloud Computing* (HPCC) din cadrul Facultății de Matematică și Informatică (UNITBV).

[https://mateinfo.unitbv.ro/images/cercetare/grupuri/HighPerformance_and_CloudComputing_v2_RO.pdf]

1 punct

Partial cumulat: 43 p

5. Director/editor al unei reviste

Guest Editor al jurnalului "Symmetry" (ISSN - 2073-8994, categoria B), conform documentului IF2021.pdf. (12 puncte)[Este interpretabil daca se pot acorda 12 puncte conform perspectivei d pct iv). Pentru siguranta, pana la clarificare, il incadram in categoria d vii), se acorda 2 puncte.]

Total cumulat: 45 puncte

Nu am inclus participările ca membru TCP sau/și în echipa de recenzori la numeroase conferințe internaționale, implicarea în organizarea variatelor evenimente științifice, calitatea de evaluator pentru numeroase jurnale din Q1 si Q2 (ISI/WoS), și așa mai departe.



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About

University College Cork, a world-class university, was founded in 1845 and combines a rich tradition of teaching, research and scholarship.



25 May, 2011

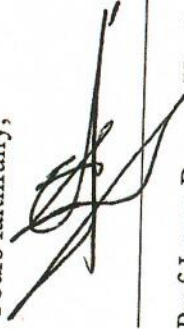
To Whom It May Concern:

Re: Dr Razvan Bocu

This letter is to confirm that Dr Razvan Bocu was employed as *Full-Time Postgraduate Researcher* in the Department of Computer Science at University College Cork from October 2007 to September 2010. Dr Bocu worked on a research project entitled "Efficient Algorithms for Interactome Networks" which was funded by the Irish Research Council for Engineering and Sciences through Grant Number RS/2007/166.

Please do not hesitate to contact me if there is any other information that you may need about Dr Bocu's research in UCC.

Yours faithfully,



Prof James Bowen, Head of Department

R

20 May 2011

To whom it may concern,

This is to confirm that Razvan Bocu was awarded an EMBARK Government of Ireland Postgraduate Scholarship from the Irish Research Council for Science, Engineering and Technology to conduct research as a Doctoral student in the Computer Science Department of University College Cork.

This Scholarship commenced on the first of October 2007 and ceased on the first of October 2010.

EMBARK Scholarships are awarded on the basis of strictly competitive Calls for Applications. The maximum Scholarship amount, including both a stipend automatically paid to the student and funds available for research expenses, is €24,000 per annum.

Yours sincerely,



Justin Synnott

Programme Manager, Irish Research Council for Science, Engineering & Technology



Dr Razvan Bocu
Bl. 6, Sc. B, Ap. 15
3 Str. Zizinului
Brasov 500403
Romania

20 May 2011

Dear Dr Bocu,

Please find enclosed, as discussed by email, a letter signed by the Programme Manager, Mr Synnott, confirming the occurrence, nature and duration of your EMBARK Scholarship.

Should you have any further query, please do not hesitate to contact me at mdiskin@ircset.ie or, if you would prefer, by phone at 353-1-2315000 during our office hours (Mon-Thu 0915h-1715h, Fri 0915-1700, excluding 1300h-1400h).

Yours sincerely,

Matthew Diskin

Matthew Diskin
Executive Assistant, IRCSET



22/05/2019

Re: Dr Razvan Bocu

To Whom It May Concern:

This letter is to confirm that Dr Razvan Bocu had been a researcher in the School of Computer Science and Information Technology between October 2007 and October 2010 working on the research project "Dynamic Interactome Networks" funded by Irish Research Council with 72000 euro. During this period Dr Bocu had been actively involved in research activities as well as teaching and tutoring (practical classes, workshops, lectures) in the School outreach and undergraduate programmes.

Please do not hesitate to contact me if you need any further information about Dr Bocu.

Best regards,



Prof Cormac Sreenan, Head of CSIT School

