

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 BUCUREȘTI

FISA DE EVALUARE A ACTIVITATII
Condiții CNATDCU pentru gradul de Profesor Universitar

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Punctaje conditii minimele (A)			
Nr.	Domeniul de activitate	Minim prevazut	Realizat
A1	Activitatea didactica / profesionala (A1)	100,00	100,00
A2	Activitatea de cercetare (A2)	600,00	659,36
A3	Recunoasterea impactului activitatii (A3)	150,00	698,03
TOTAL (A)		850,00	1.457,39

Punctaje conditii minimele obligatorii pe subcategorii			
Nr.	Domeniul de activitate	Minim prevazut	Realizat
A1.1.1- A1.1.2	Carti de specialitate	1	2
A2.1	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings	15	29
	din care minimum în reviste cotate ISI Q1 sau Q2	3	6
A2.4.1	Granturi / proiecte castigate prin competitie (Director / responsabil partener)	2	2
A3.1.1	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI (WOS)	25	182
	Factor de impact cumulat pentru publicatii	10	29,02

STRUCTURA ACTIVITATII CANDIDATULUI

A1	Activitatea didactica si pedagogica (A1)	100,00
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A1.1.1	Carti de autor sau capitole de specialitate la edituri cu ISBN (internaționale) [50/nr de autori sau 100/nr autori cu conditia [2] - daca cartea se regăsește in cel puțin 50 de biblioteci din strainatate conform catalogului WorldCat] Punctajul pentru capitol de carte se puncteaza cu 1/4 din categoria respectiva	Link
	Total (A1.1.1)	0,00

A1.1.2	Carti de autor sau capitole de specialitate la edituri cu ISBN (naționale) [50/nr de autori]	Link
1	Emilian Radoi. "Performance Monitoring on Linux Systems - A Practical Approach". Printech, ISBN 978-606-23-1384-5, pp. 1--88, 2022.□	50,00 https://aleph.bibnat.ro/F/G
2	Emilian Radoi. "Rapid Prototyping for Startups". Printech, ISBN 978-606-23-1655-6, pp. 1--131, 2025.□	50,00 https://aleph.bibnat.ro/F/G

	Total (A1.1.2)	100,00	
A1.2.1	Material didactic / Lucrari didactice publicate la edituri cu ISBN [40/nr autori]		Link
	Total (A1.2.1)	0,00	

A2	Activitatea de cercetare (A2)	659,36
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A2.1	Articole in reviste cotate ISI, si lucrari in volumele unor manifestari stiintifice indexate ISI proceedings [(25+30*factor impact)/nr. de autori]	Numar autori	Factor Impact	Puntaj	Link Articol / Link Jurnal sau ISI Thomson	WOS
Jurnale cu factor de impact ISI						
1	Catrana A, Radoi E , Dascalu M. Hierarchical Conditioning of Predictions in Multi-Task Settings for Image-based Vehicle Analysis. IEEE Access 2025. (Q2)	3	3,60	44,33	https://ieeexplore.ieee.org/document/11298204	DOI:10.1109/A
2	Catrana A, Betiu P, Tertea E, Ghita V, Radoi E , Mocanu I, Dascalu M. Car Full View Dataset: Fine-Grained Predictions of Car Orientation from Images. Electronics 2023, 12(24), 4947. (Q2)	7	2,90	16,00	https://www.mdpi.com/2079-9292/12/24/4947	WOS:0011309
3	Cosma A, Catruna A, Radoi IE . Exploring Self-Supervised Vision Transformers for Gait Recognition in the Wild. Sensors 2023, 23(5), 2680. (Q2)	3	3,50	43,33	https://www.mdpi.com/1424-8220/23/5/2680	WOS:0009481
4	Cosma A, Radoi IE . Learning Gait Representations with Noisy Multi-Task Learning. Sensors. 2022 Jan;22(18):6803. (Q2)	2	3,90	71,00	https://www.mdpi.com/1424-8220/22/18/6803	WOS:0008568
5	Cosma A, Radoi IE . Wildgait: Learning gait representations from raw surveillance streams. Sensors. 2021 Dec 15;21(24):8387. (Q2)	2	3,87	70,61	https://www.mdpi.com/1424-8220/21/24/8387	WOS:0007419
6	Morar A, Moldoveanu A, Mocanu I, Moldoveanu F, Radoi IE , Asavei V, Gradinaru A, Butean A. A comprehensive survey of indoor localization methods based on computer vision. Sensors. 2020 Jan;20(9):2641. (Q2)	8	3,50	16,25	https://www.mdpi.com/1424-8220/20/9/2641	WOS:0005371
Conferinte Indexate ISI						
7	Cosma A, Catruna A, Radoi E . On Model and Data Scaling for Skeleton-based Self-Supervised Gait Recognition. In Proceedings of the 40th Annual AAAI Conference on Artificial Intelligence (AAAI), 2026, Singapore, AAAI Press. (Rank A*)	3	0,750	15,83	https://aaai.org/conference/aaai/aaai-26/	In curs de inde
8	Cosma A, Ruseti S, Radoi E , Dascalu M. The Strawberry Problem: Emergence of Character-level Understanding in Tokenized Language Models. In Proceedings of the 2025 Conference on Empirical Methods in Natural Language Processing (EMNLP), 2025, (pp. 28240–28251), Suzhou, ACL. (Rank A*)	4	0,750	11,88	https://aclanthology.org/2025.emnlp-main.1434/	10.18653/v1/20
9	Niculae A, Cosma A, Dumitrache C, Radoi E . Dr. Copilot: A Multi-Agent Prompt Optimized Assistant for Improving Patient-Doctor Communication in Romanian. In Proceedings of the 2025 Conference on Empirical Methods in Natural Language Processing: Industry Track, (EMNLP), 2025, (pp. 1780–1792), ACL. (Rank A*)	4	0,750	11,88	https://aclanthology.org/2025.emnlp-industry.125/	10.18653/v1/20
10	Cosma A, Bucur A, Radoi E . RoMath: A Mathematical Reasoning Benchmark in Romanian. In Proceedings of The 3rd Workshop on Mathematical Natural Language Processing (MathNLP, EMNLP), 2025, (pp. 95–111), ACL. (Rank A*)	3	0,250	10,83	https://aclanthology.org/2025.mathnlp-main.7/	10.18653/v1/20
11	Niculae A, Cosma A, and Radoi E . A Retrieval-Based Approach to Medical Procedure Matching in Romanian. In Proceedings of the 24th Workshop on Biomedical Language Processing, Association for Computational Linguistics (ACL), 2025, (pp. 167–175), ACL. (Rank A*)	3	0,250	10,83	https://aclanthology.org/2025.bionlp-1.15/	10.18653/v1/20
12	Nitu N, Catruna A, Radoi E . Romanian Speech-to-Text Transcription for Medical Applications. In 2024 IEEE 20th International Conference on Intelligent Computer Communication and Processing (ICCP) 2024 October (pp. 1-7). IEEE. (IEEE)	3	0,250	10,83	https://ieeexplore.ieee.org/abstract/document/10793032	WOS:0014500
13	Catrana A, Cosma A, Radoi E . The paradox of motion: Evidence for spurious correlations in skeleton-based gait recognition models. In 2024 IEEE 18th International Conference on Automatic Face and Gesture Recognition (FG) 2024 May (pp. 1-9). IEEE. (IEEE)	3	0,250	10,83	https://ieeexplore.ieee.org/abstract/document/105819	WOS:0012709
14	Catrana A, Cosma A, Radoi E . Gaitpt: Skeletons are all you need for gait recognition. In 2024 IEEE 18th International Conference on Automatic Face and Gesture Recognition (FG) 2024 May (pp. 1-10). IEEE. (IEEE)	3	0,250	10,83	https://ieeexplore.ieee.org/abstract/document/10581947	WOS:0012709

15	Catrana A, Cosma A, Radoi E . Crossgaze: A strong method for 3d gaze estimation in the wild. In 2024 IEEE 18th International Conference on Automatic Face and Gesture Recognition (FG) 2024 May (pp. 1-5). IEEE. (IEEE)	3	0,250	10,83	https://ieeexplore.ieee.org/abstract/document/105819	WOS:0012709
16	Chivoreanu R, Cosma A, Catruna A, Rughinis R, Radoi E . Aligning actions and walking to LLM-generated textual descriptions. In 2024 IEEE 18th International Conference on Automatic Face and Gesture Recognition (FG) 2024 May (pp. 1-7). IEEE. (IEEE)	5	0,250	6,50	https://ieeexplore.ieee.org/abstract/document/10581994	WOS:0012709
17	Niculae A, Catruna A, Cosma A, Rosner D, Radoi E . Gait Recognition from Highly Compressed Videos. In 2024 IEEE 18th International Conference on Automatic Face and Gesture Recognition (FG) 2024 May (pp. 1-7). IEEE. (IEEE)	5	0,250	6,50	https://ieeexplore.ieee.org/abstract/document/105819	WOS:0012709
18	Cosma A, Radoi E . Psymo: A dataset for estimating self-reported psychological traits from gait. In Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision (pp. 4603-4613) 2024 January. (Rank A)	2	0,750	23,75	https://openaccess.thecvf.com/content/WACV2024/ht	WOS:0012229
19	Cosma A, Radoi E . Gaitmorph: Transforming gait by optimally transporting discrete codes. In 2023 IEEE International Joint Conference on Biometrics (IJCB) 2023 September (pp. 1-11). IEEE. (IEEE)	2	0,250	16,25	https://ieeexplore.ieee.org/abstract/document/10449102	WOS:0011808
20	Catrana A, Cosma A, Radoi IE . From Face to Gait: Weakly-Supervised Learning of Gender Information from Walking Patterns. In 2021 16th IEEE International Conference on Automatic Face and Gesture Recognition (FG 2021) 2021 Dec 15 (pp. 1-5). IEEE. (IEEE)	3	0,250	10,83	https://ieeexplore.ieee.org/abstract/document/966698	WOS:0007848
21	Cosma A, Radoi IE . Multi-task learning of confounding factors in pose-based gait recognition. In 2020 19th RoEduNet Conference: Networking in Education and Research (RoEduNet) 2020 Dec 11 (pp. 1-6). IEEE. (IEEE)	2	0,250	16,25	https://ieeexplore.ieee.org/abstract/document/9324873	WOS:0006542
22	Bortaniciu ND, Radoi IE . Mapping natural language questions to medical specialties. In 2020 19th RoEduNet Conference: Networking in Education and Research (RoEduNet) 2020 Dec 11 (pp. 1-6). IEEE. (IEEE)	2	0,250	16,25	https://ieeexplore.ieee.org/abstract/document/932487	WOS:0006542
23	Stefanescu VA, Radoi IE . Autonomous Self-Diagnosis System. In 2020 19th RoEduNet Conference: Networking in Education and Research (RoEduNet) 2020 Dec 11 (pp. 1-6). IEEE. (IEEE)	2	0,250	16,25	https://ieeexplore.ieee.org/abstract/document/9324875	WOS:0006542
24	Pelin V, Radoi IE . PXNOR: Perturbative Binary Neural Network. In 2019 18th RoEduNet Conference: Networking in Education and Research (RoEduNet) 2019 Oct 10 (pp. 1-5). IEEE. (IEEE)	2	0,250	16,25	https://ieeexplore.ieee.org/abstract/document/890949	WOS:0005205
25	Stefanescu VA, Radoi IE . Stress level prediction using data from wearables. In 2019 18th RoEduNet Conference: Networking in Education and Research (RoEduNet) 2019 Oct 10 (pp. 1-6). IEEE. (IEEE)	2	0,250	16,25	https://ieeexplore.ieee.org/abstract/document/8909463	WOS:0005205
26	Radoi IE , Cirimpei D, Radu V. Localization systems repository: A platform for open-source localization systems and datasets. In 2019 International Conference on Indoor Positioning and Indoor Navigation (IPIN) 2019 Sep 30 (pp. 1-8). IEEE. (IEEE)	3	0,250	10,83	https://ieeexplore.ieee.org/abstract/document/8911748	WOS:0005215
27	Cosma A, Radoi IE , Radu V. Camloc: Pedestrian location estimation through body pose estimation on smart cameras. In 2019 International Conference on Indoor Positioning and Indoor Navigation (IPIN) 2019 Sep 30 (pp. 1-8). IEEE. (IEEE)	3	0,250	10,83	https://ieeexplore.ieee.org/abstract/document/8911770	WOS:0005215
28	Radoi IE , Mann J, Arvind DK. Tracking and monitoring horses in the wild using wireless sensor networks. In 2015 IEEE 11th International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob) 2015 Oct 19 (pp. 732-739). IEEE. (IEEE)	3	0,250	10,83	https://ieeexplore.ieee.org/abstract/document/7348035	WOS:0003791
29	Mann J, Radoi IE , Arvind DK. Prospeckz-5--a wireless sensor platform for tracking and monitoring of wild horses. In 2014 17th Euromicro Conference on Digital System Design 2014 Aug 27 (pp. 700-703). IEEE. (IEEE)	3	0,250	10,83	https://ieeexplore.ieee.org/abstract/document/6927317	WOS:0003584
Total (A2.1)			29,02	554,53		

A2.2	Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale [20/nr.autori]	Numar autori	Punctaj	Link	Identificator

Conferinte Indexate BDI

1	Constantin C, Catruna A, Radoi E . Personalized In-Store Advertising using Deep Learning for Face Analysis and Gaze Estimation. In 2025 25th International Conference on Control Systems and Computer Science (CSCS) 2025 May (pp. 251-257). IEEE. (IEEEExplore)	3	6,67	https://ieeexplore.ieee.org/abstract/document/111816	10.1109/CSCS66924.2025.00015
2	Rachieru C, Cosma A, Radoi IE . Bootstrapping Road Sign Detection for Self-Driving Cars using Weakly-Supervised Learning. In2022 21th RoEduNet Conference: Networking in Education and Research (RoEduNet) 2022 Sep 11 (pp. 1-6). IEEE. (IEEEExplore)	3	6,67	https://ieeexplore.ieee.org/abstract/document/992101	10.1109/RoEduNet57163.
3	Patrascu C, Cosma A, Radoi IE . Scalable Deployments for Real-Time AI Video Stream Processing. In2022 21th RoEduNet Conference: Networking in Education and Research (RoEduNet) 2022 Sep 11 (pp. 1-6). IEEE. (IEEEExplore)	3	6,67	https://ieeexplore.ieee.org/abstract/document/992109	10.1109/RoEduNet57163.
4	Marin A, Radoi IE . Image-based Fruit Recognition and Classification. In2022 21th RoEduNet Conference: Networking in Education and Research (RoEduNet) 2022 Sep 11 (pp. 1-6). IEEE. (IEEEExplore)	2	10,00	https://ieeexplore.ieee.org/abstract/document/992105	10.1109/RoEduNet57163.
5	Radoi IE , Mann J, Arvind DK. Performance evaluation of the vb-tdma protocol for long-term tracking and monitoring of mobile entities in the outdoors. InProceedings of the 11th ACM Symposium on QoS and Security for Wireless and Mobile Networks 2015 Nov 2 (pp. 131-138). (ACM DL)	3	6,67	https://dl.acm.org/doi/abs/10.1145/2815317.2815340	10.1145/2815317.2815340
6	Crisan DA, Radoi IE , Arvind DK. Coap-mediated hybrid simulation and visualisation environment for specknets. InProceedings of the 1st ACM SIGSIM Conference on Principles of Advanced Discrete Simulation 2013 May 19 (pp. 285-294). (ACM DL)	3	6,67	https://dl.acm.org/doi/abs/10.1145/2486092.2486128	10.1145/2486092.2486128
Total (A2.2)			43,33		

A2.3.1	Proprietate intelectuala, brevete de inventie, certificate ORDA, internationale [35/nr.autori; se dubleaza punctajul daca rezultatul este inregistrat la WIP, EPO, USPTO, JPO]	Numar autori	Punctaj	Link
1				
Total (A2.3.1)			0,00	

A2.3.2	Proprietate intelectuala, brevete de inventie, certificate ORDA, Nationale [20/nr.autori]	Numar autori	Punctaj	Link
Total (A2.3.2)			0,00	

A2.4.1.1	Granturi / proiecte internationale castigate prin competitie - Director de proiect [20 * ani in desfasurare]	Numar ani	Punctaj	Link
1				
Total (A2.4.1.1)			0,00	

A2.4.1.2	Granturi / proiecte nationale castigate prin competitie - Director de proiect [10 * ani in desfasurare]	Numar ani	Punctaj	Link
1	InsureAI - Detectia automata a daunelor si predictia contravalorii aferente. Cod SMIS/ID: 142909. Entitate: GLOBAL RESOLUTION EXPERTS S.A. Valoarea totală 7.454.056,36 lei.Contract director proiect nr. 60/16.11.2022. Finantat prin programul Operational Competitivitate, Axa prioritara Tehnologia Informatiei si Comunicatiilor (TIC). Perioada: 22 iulie 2022 - 31 decembrie 2023.	1,25	12,5	https://insurify.ai/
2	MATCHMED - Tehnici de Căutare pentru Potrivirea Informațiilor Medicale. ID: 42024634. Entitate: Universitatea Națională de Știință și Tehnologie POLITEHNICA București. Valoarea totală 118524 lei. Rol director proiect. Finanțator Allianz-Țiriac Asigurări SA prin contract de cercetare RTT60503/01.11.2024. Perioada 01 noiembrie 2024 - 14 noiembrie 2027.	1,1	11	https://posturivacante.upb.ro/universitatea-nationala-de-stiinta-si-tehnologie-
Total (A2.4.1.2)			23,50	

A2.4.2.1	Granturi / proiecte internationale castigate prin competitie - Membru in echipa [4 * ani in desfasurare]	Numar ani	Punctaj	Link
1	PLANET ICT FP7 (257649) - PLATform for the deployment and operation of heterogeneous NETworked cooperating objects. Grant agreement ID: 257649. Perioada: 1 Octombrie 2010 - 31 Decembrie 2014. Director: Prof. Dr. Pedro Jose Marron	4	16	https://cordis.europa.eu/project/id/257649
2	HOBNET ICT FP7 (257466) - Holistic Platform Design for Smart Buildings of the Future Internet. Grant agreement ID: 257466. Perioada: 1 Iunie 2010 - 30 Iunie 2014. Director: Prof. Sotiris Nikolettseas	3	12	https://cordis.europa.eu/project/id/257466
Total (A2.4.2.1)			28,00	

A2.4.2.2	Granturi / proiecte nationale castigate prin competitie - Membru in echipa [2 * ani in desfasurare]	Numar ani	Punctaj	Link
1	HUB Român de Inteligență Artificială – HRIA, în cadrul Programului Creștere Inteligentă, Digitalizare și Instrumente Financiare 2021-2027 (PoCIDIF), Cod SMIS 351416. Perioada: 1 martie 2025 - 31 decembrie 2029	0,5	1	https://hria.upb.ro/

2	Bursa de Cercetare CRC - Centre for Research in Computing. Fonduri de la UEFISCDI CORNET (PN-III 1/2018). Perioada: 1 aprilie 2021 - 30 septembrie 2022	1,5	3	https://security-hub.ro/wp-content/uploads/2021/04/ATLAS_Program_Comun_CDI_17PCCDI.pdf
3	ATLAS (17PCCDI/2018) - Hub inovativ pentru tehnologii avansate de securitate cibernetică. Contract. Nr. 17PCCDI/2018. Perioada: 1 mai 2018 - 30 septembrie 2020	3	6	https://security-hub.ro/wp-content/uploads/2021/04/ATLAS_Program_Comun_CDI_17PCCDI.pdf
Total (A2.4.2.2)			10,00	

A3	Recunoasterea si impactul activitatii (A3)	698,03
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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	WOS
	Morar A, Moldoveanu A, Mocanu I, Moldoveanu F, Radoi IE, Asavei V, Gradinaru A, Butean A. A comprehensive survey of indoor localization methods based on computer vision. Sensors. 2020 Jan;20(9):2641. (Q2). Citat de:				
1	Singh A, Kalaichelvi V, Karthikeyan R. A survey on vision guided robotic systems with intelligent control strategies for autonomous tasks. Cogent Engineering. 2022 Dec 31;9(1):2050020.	3	1	5,33	WOS:000777478200001 Q2
2	Bertoni M, Michieletto S, Oboe R, Michieletto G. Indoor Visual-Based Localization System for Multi-Rotor UAVs. Sensors. 2022 Jan;22(15):5798.	4	1	4,00	WOS:000839864400001 Q2
3	Zheng J, Li K, Zhang X. Wi-Fi Fingerprint-Based Indoor Localization Method via Standard Particle Swarm Optimization. Sensors. 2022 Jul 5;22(13):5051.	3	1	5,33	WOS:000822189400001 Q2
4	Zhou G, Xu S, Zhang S, Wang Y, Xiang C. Multi-Floor Indoor Localization Based on Multi-Modal Sensors. Sensors. 2022 Jan;22(11):4162.	5	1	3,20	WOS:000809172300001 Q2
5	Khan D, Cheng Z, Uchiyama H, Ali S, Aschad M, Kiyokawa K. Recent advances in vision-based indoor navigation: A systematic literature review. Computers & Graphics. 2022 Mar 24.	6	1	1,33	WOS:000793254500003
6	Choe C, Ahn S, Doh N, Nam C. Reduction of LiDAR Point Cloud Maps for Localization of Resource-Constrained Robotic Systems. IEEE Systems Journal. 2022 Apr 25.	4	1	4,00	WOS:000788894500001 Q2
7	Scavell G, Fedele G, Aiello A. Line Segments Matching Algorithm for BIM Applications. In 2022 IEEE International Workshop on Metrology for Living Environment (MetroLivEn) 2022 May 25 (pp. 280-285). IEEE.	3	1	2,67	WOS:000853070300053
8	Wang WC, Ng CY, Chen R. Vision-Aided Path Planning Using Low-Cost Gene Encoding for a Mobile Robot. INTELLIGENT AUTOMATION AND SOFT COMPUTING. 2022 Jan 1;32(2):991-1006.	3	1	5,33	WOS:000724657600022 Q2
9	Tan TH, Lin YT, Chang YL, Alkhaleefah M. Sound Source Localization Using a Convolutional Neural Network and Regression Model. Sensors. 2021 Dec 1;21(23):8031.	4	1	4,00	WOS:000734716600001 Q2
10	Huang J, Si H, Guo X, Zhong K. Co-Occurrence Fingerprint Data-Based Heterogeneous Transfer Learning Framework for Indoor Positioning. Sensors. 2022 Nov 24;22(23):9127.	4	1	4,00	WOS:000896909800001 Q2
11	Košťák M, Slabý A. Designing a Simple Fiducial Marker for Localization in Spatial Scenes Using Neural Networks. Sensors. 2021 Aug 10;21(16):5407.	2	1	8,00	WOS:000690212800001 Q2
12	Andò B, Baglio S, Crispino R, Marletta V. An Introduction to Indoor Localization Techniques. Case of Study: A Multi-Trilateration-Based Localization System with User-Environment Interaction Feature. Applied Sciences. 2021 Aug 11;11(16):7392.	4	1	4,00	WOS:000688637800001 Q2
13	Rey-Merchán MD, Gómez-de-Gabriel JM, López-Arquillos A, Fernández-Madrigal JA. Virtual fence system based on IoT paradigm to prevent occupational accidents in the construction sector. International journal of environmental research and public health. 2021 Jun 25;18(13):6839.	4	1	4,00	WOS:000670926200001 Q1
14	Correia SD, Tomic S, Boko M. A feed-forward neural network approach for energy-based acoustic source localization. Journal of Sensor and Actuator Networks. 2021 Apr 22;10(2):29.	3	1	5,33	WOS:000665588700001 Q2
15	Elgendy M, Sik-Lanyi C, Kelemen A. A novel marker detection system for people with visual impairment using the improved tiny-yolov3 model. Computer Methods and Programs in Biomedicine. 2021 Jun 1;205:106112.	3	1	5,33	WOS:000653012800004 Q1
16	Grottke J, Blankenbach J. Evolutionary optimization strategy for indoor position estimation using smartphones. Electronics. 2021 Mar 6;10(5):618.	2	1	4,00	WOS:000628013100001

17	Li TH, Chen KS, Vechet S. Development and demonstration of indoor three-dimensional localization using IR CMOS sensors for Mobile manipulators. <i>Sensors and Actuators A: Physical</i> . 2021 Feb 1;318:112497.	3	1	5,33	WOS:000612161400006 Q1
18	Barrows J, Radu V, Hill M, Ciravegna F. Active Learning with Data Distribution Shift Detection for Updating Localization Systems. In 2021 International Conference on Indoor Positioning and Indoor Navigation (IPIN) 2021 Jun 28 (pp. 1-8). IEEE.	4	1	2,00	WOS:000786423600022
19	Ghofrani A, Toroghi RM, Tabatabaie SM. Catilloc: Camera Image Transformer for Indoor Localization. In ICASSP 2021-2021 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP) 2021 Jun 6 (pp. 1450-1454). IEEE.	3	1	2,67	WOS:000704288401139
20	Singh N, Choe S, Punmiya R. Machine learning based indoor localization using Wi-Fi RSSI fingerprints: an overview. <i>IEEE Access</i> . 2021 Sep 9.	3	1	5,33	WOS:000696658000001 Q2
21	Martin-Escalona I, Zola E. Passive round-trip-time positioning in dense IEEE 802.11 networks. <i>Electronics</i> . 2020 Jul 24;9(8):1193.	2	1	4,00	WOS:0005566418600001
22	Fernández PJ, Santa J, Skarmeta AF. Hybrid positioning for smart spaces: proposal and evaluation. <i>Applied Sciences</i> . 2020 Jan;10(12):4083.	3	1	5,33	WOS:000554622300001 Q2
23	Moura A, Antunes J, Dias A, Martins A, Almeida J. Graph-SLAM approach for indoor UAV localization in warehouse logistics applications. In 2021 IEEE International Conference on Autonomous Robot Systems and Competitions (ICARSC) 2021 Apr 28 (pp. 4-11). IEEE.	5	1	1,60	WOS:000679389400003
24	Simon G, Sujbert L. Special Issue on "Recent Advances in Indoor Localization Systems and Technologies". <i>Applied Sciences</i> . 2021 May 5;11(9):4191.	2	1	8,00	WOS:000649858200001 Q2
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1	Sensors Journal: Special Issue "Intelligent Cloud, Fog, and Edge Computing in the Internet of Things (IoT)" 2022. Guest Editor.	10	https://www.mdpi.com/journal/sensors/special_issues/ComputingIoT
	Total (A3.2)	10,00	

A3.3	Membru in colectivele de redactie sau comitete stiintifice al revistelor indexate BDI chair, co-chair sau membru in comitetele de organizare ale manifestarilor stiintifice internationale indexate BDI [6p]	Punctaj	Link
	Total (A3.3)	0,00	

A3.4	Premii in domeniu conferite de Academia Romana, ASTR, AOSR, sau premii internationale de prestigiu [15p]	Punctaj	Link
	Total (A3.4)	0,00	