

FIȘA DE VERIFICARE
a îndeplinirii standardelor minime naționale pentru abilitare
în domeniul Inginerie Electronică, Telecomunicații și Tehnologii Informaționale

Candidat: **Comșa Ciprian-Romeo** / Data nașterii: **23.02.1977** / Funcția actuală: Conferențiar / Data numirii în funcția

actuală: 19.02.2017 / Marca 7703

Instituția: Universitatea Tehnică „Gheorghe Asachi” din Iași, Facultatea de Electronică, Telecomunicații și Tehnologia

Informații

		Condiții minime (Ai)				
Nr crt.	Domeniul de activitate	Condiții abilitare	Punctaj obținut			Grad de îndeplinire
1	Activitate didactică/profesională (A1)	100	A1.1	A1.2	Total	DA 161%
			101,39	60	161,39	
2	Activitate de cercetare (A2)	600	779,28			DA 130%
3	Recunoașterea impactului activității (A3)	150	364			DA 243%
TOTAL (A)		Minim: 850	1304,67			DA 153%

Condiții minime obligatorii pe subcategorii		Condiții abilitare	Realizat	Îndeplinire
A1.1.1. – A1.1.2	Cărți de specialitate	1 carte	2 cărți	DA
A2.1	Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings	15 (din care minim 3 în reviste cotate ISI Q1 sau Q2)	30 (5)*	DA
A2.4.1	Granturi / proiecte de cercetare câștigate prin competiție (Director / Responsabil partener)	2	6	DA
A3.1.1	Număr de citări în cărți, reviste cotate ISI și în volume ale unor manifestări științifice ISI (WOS)	150	183	DA
	Factor de impact ISI cumulat pentru publicații	10	24,45	DA

* 30 de articole din care unul Q1, trei Q2, iar alte trei articole în volume ale conferințelor de nivel 1 în clasificarea Jultkaisu echivalează cu încă un articol în reviste ISI Q1/Q2:

- 2019: PROCEEDINGS IEEE INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND FACTORY AUTOMATION
- 2012: EUROPEAN SIGNAL PROCESSING CONFERENCE
- 2011: PROCEEDINGS OF THE IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING

S-au preluat tabelele și definițiile corespunzătoare domeniului științific aferent, conform Anexei TUIASI.POB.12-A1.3. (Modul de îndeplinire a standardelor minime naționale se prezintă în mod explicit, însoțit de dovezi)

Data: 29.04.2026

Candidat: conf. univ. dr. ing. **Ciprian-Romeo COMȘA**

A1. ACTIVITATEA DIDACTICĂ ȘI PROFESIONALĂ

A1.1. Cărți și capitole în cărți de specialitate în edituri cu ISBN

Nr.crt.	Titlul lucrării	Punctaj
A1.1.1 Edituri internaționale		
1.		
A1.1.2 Edituri naționale		
1.	Source Localization via Time Difference of Arrival, Ciprian Comșa, ISBN: 978-606-13-3394-3, 117 pagini B5, Editura PIM, 2016, Iași. https://aleph.bibnat.ro/F/KQFI5VXDN5CCP8KDCR95I9LBCI4CVQ6E3YLMGAY5HC4SDNSKQJ-05385?func=full-set-set&set_number=042037&set_entry=000001&format=999 reeditare a: Source localization via time difference of arrival, Ciprian Comșa, ProQuest Dissertations Publishing, 2012, ISBN 9781321628227 http://search.proquest.com/docview/1667738732/	50
2.	Rețele WLAN - OFDM și legătura de date, Ciprian Comșa, ISBN: 978-606-13-3424-7, 145 pagini A4, Editura PIM, 2016, Iași. https://aleph.bibnat.ro/F/6EJQH494J2XRYHTVS694S4LNFLM2N6GYKPM96XTIKKBAX9R94A-05966?func=full-set-set&set_number=042056&set_entry=000001&format=999	50
3.	Capitolul 4 „Despre inovare ca proces suport în antreprenoriat” în cartea „AFACERI DIGITALE”, volumul 3, autori Constantin SĂRMĂȘANU-CHIHAI (coord.), Oana-Maria ASIMINICESEI, Alin DRAGOMIR, Cristian-Gyöző HABA, Constantin-Cătălin DOSOFTEI, Oana-Cristina BENIUGĂ, Ciprian-Romeo COMȘA, Sebastian-Teodor ARĂDOAEI, Marius-Ciprian BRÂNZILĂ, ISBN 978-606-685-929-5, Editura Performantica, Iasi, 2022 https://aleph.bibnat.ro/F/KQFI5VXDN5CCP8KDCR95I9LBCI4CVQ6E3YLMGAY5HC4SDNSKQJ-09816?func=full-set-set&set_number=042074&set_entry=000001&format=999	1.39
TOTAL A1.1		101.39

A1.2.1 Material didactic / Lucrări didactice publicate în edituri cu ISBN

Nr.crt.	Titlul lucrării	Punctaj
1.	Comunicații Digitale, Ciprian Comșa, ISBN: 978-606-13-3393-6, 160 pagini A4, Editura PIM, 2016, Iași. https://aleph.bibnat.ro/F/KQFI5VXDN5CCP8KDCR95I9LBCI4CVQ6E3YLMGAY5HC4SDNSKQJ-12298?func=full-set-set&set_number=042077&set_entry=000020&format=999	40
2.	Comunicații Mobile - Îndrumar de laborator, Ciprian Comșa, Ion Bogdan, ISBN: 978-606-13-3425-4, 78 pagini A4, Editura PIM, 2016, Iași. https://aleph.bibnat.ro/F/KQFI5VXDN5CCP8KDCR95I9LBCI4CVQ6E3YLMGAY5HC4SDNSKQJ-00122?func=full-set-set&set_number=042092&set_entry=000033&format=999 Disponibil și on-line: http://telecom.etc.tuiasi.ro/telecom/staff/ccomsa/Resurse/Cmob/cmob.htm parola: mobilemobile	20
TOTAL A1.2		60

TOTAL A1	161.39
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A2. ACTIVITATEA DE CERCETARE

A2.1 Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI
[(25+30 * factor impact) /nr. de autori]

[pentru volumele manifestărilor ISI se consideră factorul de impact echivalent 0.25]

ResearchID	Google Scholar	Researchgate	Scopus	IEEE	Academia	SciProfile	BrainMap
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Nr.crt.	Titlul articolului	Factor de impact	Nr. autori	Punctaj			
1	2025.1. T.G. Sorescu, V.M. Chiriac, M.A. Stoica, C.R. Comsa, I.G. Soroaga, A. Contac, "Comparative Performance Analysis of Lightweight Cryptographic Algorithms on Resource-Constrained IoT Platforms," in Sensors, MDPI, vol. 25, issue 18, pag. 5887 20.09.2025, https://doi.org/10.3390/s25185887 https://www.webofscience.com/wos/woscc/full-record/WOS:001582216500001	3.50	6	21.667	Q2		
2	2025.3. S.S. Sefati, A.M. Nor, B. Arasteh, R. Craciunescu, C.R. Comsa, "A Probabilistic Approach to Load Balancing in Multi-Cloud Environments via Machine Learning and Optimization Algorithms," in Journal of Grid Computing, Springer, 23, no. 2 11.04.2025, 1-36, https://doi.org/10.1007/s10723-025-09805-6 https://www.webofscience.com/wos/woscc/full-record/WOS:001463780900001	2.90	5	22.400	Q2		
3	2025.4. S.S. Sefati, B. Arasteh, R. Craciunescu, C.R. Comsa, "Intelligent Congestion Control in Wireless Sensor Networks (WSN) Based on Generative Adversarial Networks (GANs) and Optimization Algorithms," in Mathematics, vol. 13, no. 4, 597, MDPI, 12.Feb.2025, https://doi.org/10.3390/math13040597 https://www.webofscience.com/wos/woscc/full-record/WOS:001430443200001	2.20	4	22.750	Q2		
4	2025.5. S. A. Khowaja, P. Khuwaja, K. Dev, K. Singh, X. Li, N. Bartzoudis, "Block Encryption LAYer (BELA): Zero-Trust Defense Against Model Inversion Attacks for Federated Learning in 5G/6G Systems," in the IEEE Open Journal of the Communications Society, IEEE, 1-14, 06.Jan.2025, DOI: 10.1109/OJCOMS.2025.3526768 https://www.webofscience.com/wos/woscc/full-record/WOS:001410124600003	6.10	6	34.667	Q1		
5	2024.1. N. Cleju, C. Pascal, C.R. Comsa, C.F. Caruntu, I.A. Ciocoiu, C. Patachia-Sultanoiu, R. Mihai "Towards Efficient Urban Mobility: Deployment Strategies for Smart Traffic Management and Crowd Monitoring Systems," 2024 Joint European Conference on Networks and Communications & 6G Summit (EuCNC/6G Summit), Antwerp, Belgium, 2024, pp. 997-1002 https://www.webofscience.com/wos/woscc/full-record/WOS:001275093600065	0.25	6	5.417			

6	2024.2. T.G. Sorescu, A.V. Militaru, V.M. Chiriac, C.R. Comsa and I.E. Alecsandrescu, "UWB Indoor Localization: Accuracy Evaluation in a Controlled Environment," 2024 16th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Iasi, Romania, 2024, pp. 1-6 https://www.webofscience.com/wos/author/record/38881282	0.25	5	6.500			
7	2024.3 A.V. Militaru, R.G. Lazar, C. Pascal, C.R. Comsa, I. Bogdan and C.F. Caruntu, "Validation of Real-world Measurements Through Ray Tracing Simulation for 5G Urban Scenarios," 2024 International Symposium on Electronics and Telecommunications (ISETC), Timisoara, Romania, 2024, pp. 1-4 https://www.webofscience.com/wos/author/record/38881282	0.25	6	5.417			
8	2024.4. C.F. Caruntu, C.R. Comsa, "Vehicular Sensing for Improved Urban Mobility," Editorial article in Sensors 2024, vol. 24(16), 5134. https://doi.org/10.3390/s24165134 https://www.webofscience.com/wos/woscc/full-record/WOS:001307153500001	3.50	2	65.000			
9	2023.1. Aruna Prem Bianzino; Andrea Basso ; Giancarlo Caratti ; Ciprian Comsa; Andrea Di Giglio; Carolina Garcia; Andreas Georgakopoulos; Paolo Giaccone; Eleni Giannopoulou; Marco Gramaglia; Paola Iovanna; Gianna Karanasiou; Marco Laurino; Johann M. Marquez-Barja; Elisa Maiettini; Miguel Angel Martinez-Lopez; Maurizio Munafò; Lorenzo Natale; Hassan Osman; Niki Pantazi; Nikolaos Papagiannopoulos; Lorenzo Pessotto; Cristian Petrache; Silvia Provvedi; Gabriele Scivoletto; Alessandro Trogolo; Albert Vidal, "Trials Supported By Smart Networks Beyond 5G: the TrialsNet Approach," 2023 IEEE Future Networks World Forum (FNWF), Baltimore, MD, USA, 2023, pp. 1-7 https://www.webofscience.com/wos/woscc/full-record/WOS:001229556600097	0.25	27	1.204			
10	2022.1. A.V. Militaru, R.G. Lazar, C.F. Caruntu, C.R Comsa, I. Bogdan, „Analysis of message flow transmissions for an inter-vehicle communication scenario,” in Proc. of the 2022 14th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 1-4, Ploiesti Romania https://www.webofscience.com/wos/author/record/38881282	0.25	5	6.500			
11	2021.3. CF Caruntu, AV Militaru, CR Comsa, „Cyber-Physical Systems-based Architecture for Signalized Traffic Corridors: Monitoring and Synchronized Coordination,” in Proc. of the 2021 International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, Romania https://www.webofscience.com/wos/author/record/38881282	0.25	3	10.833			
12	2020.1. C.F. Caruntu, C.M. Pascal, L. Ferariu, and C.R. Comsa, "Trajectory optimization through connected cooperative control for multiple-vehicle flocking," in the Proceedings of the 2020 28th Mediterranean Conference on Control and Automation (MED), Saint-Raphael, 16-19 June 2020. ISBN:978-1-7281-5742-9. DOI: 10.1109/MED48518.2020.9182964. https://www.webofscience.com/wos/woscc/full-record/WOS:000612207700149	0.25	4	8.125			

13	2019.1. C.F. Caruntu, L. Ferariu, C.M. Pascal, N. Cleju, and C.R. Comsa, "Connected cooperative control for multiple-lane automated vehicle flocking on highway scenarios," in the Proceedings of the 2019 23rd International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, 31 Oct. 2019. ISBN:978-1-7281-0699-1. DOI: 10.1109/ICSTCC.2019.8885496. https://www.webofscience.com/wos/woscc/full-record/WOS:000590181100133	0.25	5	6.500			
14	2019.2. C.F. Caruntu, L. Ferariu, C.M. Pascal, N. Cleju, and C.R. Comsa, "A Concept of Multiple-lane Vehicle Grouping by Swarm Intelligence," in the Proceedings of the 2019 24th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA), Zaragoza, 10-13 Sept. 2019. ISBN:978-1-7281-0303-7. DOI: 10.1109/ETFA.2019.8868955. https://www.webofscience.com/wos/woscc/full-record/WOS:000556596600152 Julkaisu Publication Level 1: https://www.tsv.fi/julkaisufoorumi/haku.php?nimeke=Emerging+Technologies+and+Factory+Automation&konferenssilyh=&issn=&tyyppi=kaikki&kieli=&maa=&wos=&scopus=&nappi=Search	0.25	5	6.500	*		
15	2019.3. A. Abunej, C.R. Comsa, C.F. Caruntu, and I. Bogdan, "Redundancy Based V2V Communication Platform for Vehicle Platooning," in the Proceedings of the 2019 International Symposium on Signals, Circuits and Systems (ISSCS2019), Iasi, 11-12 July 2019, pp. 1-4. ISBN:978-1-7281-3897-8. DOI: 10.1109/ISSCS.2019.8801781. https://www.webofscience.com/wos/woscc/full-record/WOS:000503459500053	0.25	4	8.125			
16	2018.1. V.M. Chiriac, C.R. Comsa, and D. Burdia, "Safety Concepts for Body Control Automotive Functionalities," in 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-4. IEEE, 2018. DOI: 10.1109/ECAI.2018.8678953 https://www.webofscience.com/wos/woscc/full-record/WOS:000467734100024	0.25	3	10.833			Link extern02
17	2018.2. A. Abunej, C.R. Comsa, D. Mnesiciu, M. Ferent, A. Drenciu, "Open source hardware and software V2V emergency braking warning application," in 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), pp. 1-4. IEEE, 2018. DOI: 10.1109/ECAI.2018.8678959 https://www.webofscience.com/wos/woscc/full-record/WOS:000467734100030	0.25	5	6.500			Link extern02
18	2017.1. A Abunej, CR Comsa, I Bogdan, "Implementation of ETSI ITS-G5 based inter-vehicle communication embedded system," in the Proceedings of the 2017 International Symposium on Signals, Circuits and Systems (ISSCS2017), Iasi, July 2017, pages: 1 - 4, ISBN: 978-1-5386-0674-2. DOI: 10.1109/ISSCS.2017.8034921 https://www.webofscience.com/wos/woscc/full-record/WOS:000425211500059	0.25	3	10.833			Link extern02
19	2016.1. A Abunej, CR Comsa, I Bogdan, "Implementation of a Cost-effective V2X hardware and software platform," in the Proceedings of the 2016 International Conference on Communications (COMM2016), Bucharest, June 2016, pages: 367 - 370, DOI: 10.1109/ICComm.2016.7528312 https://www.webofscience.com/wos/woscc/full-record/WOS:000383221900076	0.25	3	10.833		Link Local01 Conf02	Extern01 Extern02 Extern03

20	2015.1. A Abunei, CR Comsa, I Bogdan, "RSS improvement in VANETs by auxiliary transmission at 700 MHz," in the Proceedings of the 2015 International Symposium on Signals, Circuits and Systems (ISSCS2015), Iasi, July 2015, pages: 1 - 4, DOI: 10.1109/ISSCS.2015.7203998 https://www.webofscience.com/wos/woscc/full-record/WOS:000380451600078	0.25	3	10.833		Local01	Extern01 Extern02 Extern03
21	2013.1. C.R. Comsa, "Array Processing for Passive Localization of a Source in the Near Field", in the Proceedings of the 2013 International Symposium on Signals, Circuits and Systems (ISSCS2013), Iasi, July 2013, pages: 1 - 4, DOI: 10.1109/ISSCS.2013.6651187 https://www.webofscience.com/wos/woscc/full-record/WOS:000337926700020	0.25	1	32.500		Local01	Extern01 Extern02 Extern03
22	2012.1. C. R. Comsa, A. M. Haimovich, "Performance Bound for Time Delay and Amplitude Estimation from Low Rate Samples of Pulse Trains," presented at the 20th European Signal Processing Conference, EUSIPCO 2012, Bucharest, Romania, Aug. 27-31, 2012. https://www.webofscience.com/wos/woscc/full-record/WOS:000310623800092 Julkaisu Publication Level 1: https://www.tsv.fi/julkaisufoorumi/haku.php?nimeke=+European+Signal+Processing+Conference&konferenssilyh=&issn=&tyyppi=kaikki&kieli=&maa=&wos=&scopus=&nappi=Search	0.25	2	16.250	*	Local01 Local02	Extern01 Extern02 Extern03
23	2011.1. C. R. Comsa, A. M. Haimovich, S. Schwartz, Y. H. Dobyns, and J. A. Dabin, "Source Localization using Time Difference of Arrival within a Sparse Representation Framework," presented at the International Conference on Acoustics, Speech and Signal Processing, ICASSP 2011, May 22-27, Prague, Czech Republic. https://www.webofscience.com/wos/woscc/full-record/WOS:000296062403071 Julkaisu Publication Level 1: https://www.tsv.fi/julkaisufoorumi/haku.php?nimeke=+European+Signal+Processing+Conference&konferenssilyh=&issn=&tyyppi=kaikki&kieli=&maa=&wos=&scopus=&nappi=Search	0.25	5	6.500	*	Local01 Local02	Extern01 Extern02 Extern03
24	2007.1. C. R. Comsa, J. Luo, A. M. Haimovich, and S. Schwartz, "Wireless Localization using Time Difference of Arrival in Narrow-Band Multipath Systems," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, ISSCS 2007, vol. 2, pp. 469 - 472, Iasi, Romania, 12-13 July 2007. https://www.webofscience.com/wos/woscc/full-record/WOS:000250471700120	0.25	4	8.125		Local01 Local02	Extern01 Extern02 Extern03
25	2005.1. C. R. Comsa and I. Bogdan, "Simulation model for WLAN and GSM interoperating," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, ISSCS 2005, vol. 1, pp. 271 - 274, Iasi, Romania, 14-15 July 2005. https://www.webofscience.com/wos/woscc/full-record/WOS:000231532900068	0.25	2	16.250		Local02	Extern01 Extern02 Extern03

26	2005.2. P. Cotae, C. R. Comsa, and I. Bogdan, "On the Stackelberg equilibrium of total weighted squared correlation in synchronous DS-CDMA systems: theoretical framework," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, ISSCS 2005, vol. 2, pp. 665 - 668, Iași, Romania, 14-15 July 2005. https://www.webofscience.com/wos/woscc/full-record/WOS:000231532900167	0.25	3	10.833		Local02	Extern01 Extern02 Extern03
27	2005.3. P. Cotae, C. R. Comsa, and I. Bogdan, "On the Stackelberg equilibrium of total weighted squared correlation in synchronous DS-CDMA systems: algorithm and numerical results," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, ISSCS 2005, vol. 2, pp. 669 - 672, Iași, Romania, 14-15 July 2005. https://www.webofscience.com/wos/woscc/full-record/WOS:000231532900168	0.25	3	10.833		Local02	Extern01 Extern02 Extern03
28	2004.1. D. Burdia, R. G. Bozomitu, and C. R. Comsa, "Some aspects on modeling and characterization of deep submicrometer CMOS gates driving lossless transmission lines," in the Proceedings of the 27th IEEE International Spring Seminar on Electronics Technology: Meeting the Challenges of Electronics Technology Progress, ISSE 2004, vol. 2, pp. 184 – 190, Sofia, Bulgaria, 13-16 May 2004. https://www.webofscience.com/wos/woscc/full-record/WOS:000230638000038	0.25	3	10.833		Local02	Extern01 Extern02 Extern03
29	2003.1. C. R. Comsa and I. Bogdan, "System level design of baseband OFDM for wireless LAN," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, SCS 2003, vol. 1, pp. 313 – 316, Iași, Romania, 10-11 July 2003. https://www.webofscience.com/wos/woscc/full-record/WOS:000186628100080	0.25	2	16.250		Local02	Extern01 Extern02 Extern03
30	2003.2. I. Bogdan and C. R. Comsa, "Analysis of circular arrays as smart antennas for cellular networks," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, SCS 2003, vol. 2, pp. 525 – 528, Iași, Romania, 10-11 July 2003. https://www.webofscience.com/wos/woscc/full-record/WOS:000186628100133	0.25	2	16.250		Local02	Extern01 Extern02 Extern03
TOTAL A2.1				426.06			
FACTOR DE IMPACT CUMULAT				24.45			

A2.2 Articole în reviste, și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)

[20 / nr. de autori]

Nr.crt.	Titlul lucrării		Nr. autori	Punctaj	Link-uri
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1	2025.2. I.S. Ambros, R.E. Ambrozie, V.M. Chiriac, T.G. Sorescu, T.G. Ghețău, C.R. Comșa, "Risk Analysis for V2X Scenarios," in Proceedings of the 2025 IEEE International Symposium on Signals, Circuits and Systems (ISSCS2025), pp 1-4, https://doi.org/10.1109/ISSCS66034.2025.11105612		6	3.333				* IEEE
2	2024.5. A.P. Bianzino, N. Papagiannopoulos, G. Scivoletto, N. Slamnik-Kriještorac, E. Giannopoulou, C. Petrache, N. Cleju, I. Ciocoiu, C.R. Comsa, H. Navidan, V. Maglogiannis, D. Naudts, P. Giaccone, "Trialing solutions for Security & Safety, Infrastructure, and Transportation, Supported By Smart Networks Beyond 5G," presented at the IEEE Future Networks World Forum, Abu Dabi, Dubai,		13	1.54				
3	2022.2. A.V. Militaru, I. Bogdan, C.R. Comsa, C.F. Caruntu, "Positioning key elements for increasing localization precision of the VRUs in 5G NR environments", in the Scientific Bulletin of "Gheorghe Asachi" Technical University of Iași, Romania, Transactions on Electrotechnics, Energetics and Electronics, Volumul 68 (72), Numărul 4, 2022, DOI:10.2478/bipie-2022-0022 https://sciendo.com/pdf/10.2478/bipie-2022-0022		4	0.00				* Buletinul = Neindexat
4	2022.3. V. Comsa, C.R. Comsa, L. Alexa, N. Bagiu, "An Approach to Seed the Entrepreneurial Mindset into Engineering Students in the Context of Virtual Education," DisCo 2022: Empowering Digital and Entrepreneurial Competences through E-learning, https://www.disconference.eu/wp-content/		4	0.00				* Prezentat, nepublicat
5	2021.1. A Bonea, C Patachia-Sultanoiu, M Iordache, I Constantin, A Radulescu, „Automated Onboarding, Testing and Validation Framework for NetApps,” in Proc. of the 2021 International Symposium on Signals, Circuits and Systems (ISSCS), 1-4, Iasi Romania		5	4.000				* IEEE
6	2021.2. AV Militaru, CF Caruntu, CR Comsa, „Application Design Principles for Road Users’ Safety,” in Proc. of the 2021 International Symposium on Signals, Circuits and Systems (ISSCS), 1-4, Iasi Romania		3	6.667				* IEEE
7	2011.2. C. R. Comsa, A. M. Haimovich, S. Schwartz, Y. H. Dobyns, and J. A. Dabin, “Time Difference of Arrival Based Source Localization within a Sparse Representation Framework,” presented at the 45th Annual Conference on Information Sciences and Systems, CISS 2011, March 23-25, Baltimore, MD, USA.		5	4.00		Local01	Extern02 Extern03	
8	2004.2. D. Burdia, C. R. Comsa, and C. Ionascu, “Short-circuit power evaluation of deep submicrometer CMOS gates driving lossless transmission lines,” in the Scientific Bulletin of the Politehnica University of Timisoara, Romania, Transactions on Electronics and Communications, Tom 49(63), Fascicola 1, 2004, pp. 178-183.		3	0.00		Local02	Extern01 Extern02 Extern03	* Buletinul = Neindexat
9	2004.3. D. F. Chipser and C. R. Comsa, “An efficient linear systolic array architecture for a memory-based VLSI implementation of Type III generalized Hartley transform,” in the Scientific Bulletin of the Politehnica University of Timisoara, Romania, Transactions on Electronics and Communications, Tom 49(63), Fascicola 1, 2004.		2	0.00		Local02	Extern01 Extern02 Extern03	* Buletinul = Neindexat
10	2004.4. C. R. Comsa, D. Burdia, and D. F. Chipser, “Implementation of an OFDM synchronizer,” in the Scientific Bulletin of the Politehnica University of Timișoara, Romania, Transactions on Electronics and Communications, Tom 49(63), Fascicola 2, 2004, pp. 382-384.		3	0.00		Local02	Extern01 Extern02 Extern03	* Buletinul = Neindexat

11	2004.5. R. Comsa, F. S. Beldianu, and P. Cotae, "Windowing Techniques for OFDM Systems," in the Scientific Bulletin of the Politehnica University of Timișoara, Romania, Transactions on Electronics and Communications, Tom 49(63), Fascicola 2, 2004, pp. 386-388.		3	0.00		Local02	Extern01 Extern02 Extern03	* Buletinul = Neindexat
12	2003.3. C. R. Comsa and G. Grigore, "FIR Filters Implementation Approaches," in the Scientific Bulletin of "Gheorghe Asachi" Technical University of Iași, Romania, Transactions on Electrotechnics, Energetics and Electronics, Tom XLIX (LIII), Fasc. 3-4, 2003.		2	0.00		Local01 Local02 Local03	Extern01 Extern03	* Buletinul = Neindexat
13	2003.4. C. R. Comșa and I. Bogdan, "OFDM, Tehnică de Transmisie cu Codare a Datelor," în revista "Telecomunicații", București, Romania, year XXX / no. 2/2003, pp. 30-38.		2	0.00		Local01 Local02	Extern01 Extern02 Extern03	* Neindexat
14	2001.1. C. R. Comșa and I. Bogdan, "Bluetooth, prezent și perspective," în revista "Telecomunicații", București, Romania, no 2/2001, pp. 62-86.		2	0.00		Local01 Local02	Extern01 Extern02 Extern03	* Neindexat
15	2005.4. I. Bogdan and C. R. Comsa, "Dual GSM/WLAN Mobile terminal Modelling," in the Proceedings of the Anniversary Symposium "Gr. C. Moisil" SASM'05, organized by the Romanian Academy - Iași Branch, pp. 99-112, Iași, Romania, 5 - 7 May, 2005.		2	0.00		Local01 Local02	Extern01 Extern02 Extern03	* Neindexat
16	2002.1. C. R. Comsa, I. E. Alecsandrescu, I. Bogdan, and A. Maiorescu, "Simulation Model for Mobile Radio Channels," in the Proceedings (on CD-ROM) of the European Conference on Intelligent Technologies ECIT2002, Iași, Romania, 17-20 July 2002.		4	0.00		Local01 Local02	Extern01 Extern03	* Prezentat, nepublicat
TOTAL A2.2				19.54				

A2.3 Proprietate intelectuală, brevete de invenție, certificate ORDA

[internaționale – 35/nr. autori; naționale – 25/]

Nr. crt.	Titlul Brevetului, Autorii, Nr. brevet acordat de	Punctaje
A2.3.1 Internaționale		[35/nr. autori]
A2.3.2 Naționale		[25/nr. autori]

A2.4 Granturi / proiecte internaționale câștigate prin competiție

(Director/ responsabil/ membru în echipa)

Nr.crt.	Titlul contractului	Numar ani	Punctaj
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A2.4.1.1 Director/responsabil grant internațional			[20 * ani de desfășurare]
1	TrialsNet - "TRials supported by Smart Networks beyond 5G (TrialsNet)" – TUIASI project coordinator – European Commission-EU in the Joint Undertaking Smart Networks and Services (JU-SNS) – 14647245 EUR (TUIASI share 324375 EUR) – Project ID 101095871, 2023-2025, https://trialsnet.eu/	3.00	60.00
2	CASTOR - "Continuum of Trust: Increased Path Agility and Trustworthy Device and Service Provisioning (CASTOR)" – European Commission - HORIZON-CL3-2023-CS-01-01 – 5999638 EUR (TUIASI share 187500 EUR), Project ID 101167904, 1.10.2024-31.09.2027, https://castorhorizon.eu/	3.00	60.00
3	CONNECTINNO - "Cross-Border Interconnected Mobile Networks for Education and Innovation" - EU INTERREG NEXT, Ro-Md - 845578 Euro (TUIASI share 475080 Euro), Project ID ROMD 00495, https://connectinno.tuiasi.ro/	2.00	40.00
4	"Intelligent Intersection" - project manager within Continental Automotive Romania in cooperation with Continental Automotive USA	2.00	
A2.4.1.2 Director/responsabil grant național			[10 * ani de desfășurare]
1	"TRials supported by Smart Networks beyond 5G (TrialsNet – Participation Rewarding)" – The Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI) in the Programme PN IV, subprogramme Rewarding Horizon Europe - Institutions – 23000 EUR – 2023-2024, https://traffic-interact.ro/trialsnet/	1.17	11.67
2	Modelarea, Implementarea și Evaluarea Performanțelor unui Receptor OFDM în Sistemele de Comunicații de Mare Viteză, Director proiect: Ciprian Comșa, CNCSIS-TD, Contract Nr. 33371/2004, Tema 96, Cod CNCSIS 171 – 2004-2006: 3x5000=15000 RON – la un buget anual mediu UTI (13000+16800+25000)/3 RON http://uefiscdi.gov.ro/UserFiles/File/granturi/2004/Td/TD_NOI_FINANTATE.htm	3.00	30.00
3	Sistem wireless pentru Aplicații de Siguranță în Intersecții Inteligente, Director proiect: Ciprian Comșa, contract PED407, competiția PN-III-P2-2.1-PED2019-5296; Oct 2020 - Oct 2022, suma 600,000.00 RON https://uefiscdi.gov.ro/resource-829458-d2_finale.pdf	2.00	20.00
A2.4.2.1 Membru în echipa grant internațional			[4 * ani de desfășurare]
1	HUB Român de Inteligență Artificială – HRIA, finanțare europeană NextGen Europe, 2025-2029 Nr contract 334906, https://hria.upb.ro/	4.00	16.00

2	SustainX: Fostering Sustainable Digital Innovation Investment, Interregional Innovation Investments Instrument (I3), Topic I3-2023-CAP2b, project ID 101180410, 01.01.2025-31.12.2026, https://sustainx.digital-innovation.zone/	2.00	8.00
3	Alliance of European Universities – INGENIUM, EU project ID 101090042, 01.03.2024 - 31.12.2026	2.83	11.33
4	eDIH-DIZ 2.0, Made in North-East EDIH 2.0: Powering Innovation and Public Sector Digital Transformation through AI and Deep Tech – From Romania to Europe, 2026-2028, EU Project ID 101256750, https://digital-innovation.zone/health-innovation-zone-2025/	3.00	12.00
5	eDIH-DIZ, DIGITAL INNOVATION ZONE EDIH - MANUFACTURING & SMART HEALTH for better business, life and health in the North East Romania region, Digital Europe Programme (DIGITAL), 1.10.2022-31.09.2025, project ID 101083392, https://digital-innovation.zone/proiect/	3.00	12.00
6	Haimovich, Alexander M. (PI), "Signal Processing Algorithms for Very Accurate Geolocation in the Presence of Multipath," Sponsored by U.S. Army - CERDEC I2WD, Battelle-Chapel Hill Operation (subcontract with Princeton - Stuart C. Schwartz), Federal, \$275,596.00. (May 1, 2010 - October 25, 2012). - Ciprian Comşa membru în echipa de grant: 01.05.2010 - 01.09.2011 = 16 luni Mapa Lucrari\Grants https://www.yumpu.com/en/document/view/1999724/ece-annual-report-2010-2011-department-of-electrical-and-/40 This grant is continuation of two other grants (from which Ciprian Comsa received the research fellowship, Sept.2006 - May.2010): "Signal Processing Algorithms for TDOA Geo-location in the Presence of Multipath" and "High Resolution Non-Cooperative Emitter Location in Multipath Channels"	1.33	5.33
A2.4.2.2 Membru în echipa grant național			[2 * ani de desfășurare]
1	Aplicație SW pentru intersecții inteligente (ASIST), finanțat de Fondul pentru Finanțarea Cercetării Științifice Universitare și Venituri Proprii TUIASI, număr contract de grant ID_288, Granturi Naționale de Cercetare – ARUT, Perioada contractului de grant 01.03.2024 – 30.04.2025, Valoare contractului de grant 49.771 RON	1.17	2.33

2	ASSET-IxC - TUIASI IPCEI - ME/CT, AUTOMOTIVE SYSTEMS SMART ENERGY-EFFICIENT TRANSDUCERS – INNOVATION ACROSS VALUE CHAIN with „Gheorghe Asachi” TECHNICAL UNIVERSITY of IASI (ASSET-IxC - TUIASI), 2026-2028, Nr. ordine (RUE) 17.PI/I4/C9, 102.140.160 RON	3.00	
3	UEFISCDI Festival de Transfer Tehnologic, PN-IV-P7-7.4-FTT2024-0063, HealthTech Connect - Tehnologie și inovare în sănătate	0.50	1.00
4	„Testare soluție localizare indoor 5G Ericsson”, tipul contract de cercetare cu partener industrial, nr. 29547/25.08.2023, suma 49339LEI (echivalent a 10000Euro), Durata contractului de finanțare 25.08.2023 – 31.12.2023; Durata activității angajatului 21.09.2023 – 31.12.2023	0.30	0.60
5	Dezvoltarea culturii antreprenoriale a studentilor de la inginerie si arhitectura prin crearea unei rețele de centre de pregatire in antreprenariat-Antreprenoring, Director proiect: Eugen Seghedin, Contract Nr. 123975 - 2019-2021	3.00	6.00
6	Noi algoritmi pentru antene adaptive/ inteligente în sisteme de comunicații 3G și post 3G-SMANT, Director proiect: Ion Bogdan, UEFISCDI PN II, Contract Nr. 11-026/2007 - 2007-2010	3.00	6.00
7	Noi arii sistolice cu performanțe îmbunătățite și cost redus pentru implementarea VLSI a transformatelor discrete DCT și DST bazate pe noi algoritmi VLSI și utilizarea memoriilor ROM multiport, Director proiect: Doru-Florin Chiper, Act Ad. 2735GR/2006, GR tip A, tema 3, cod 235 - 2006	1.00	2.00
8	Dezvoltarea de noi algoritmi de codare a datelor pentru creșterea securității și asigurarea integrității informațiilor transmise în rețelele de comunicații digitale, Director proiect: Luminița Scripcariu, GR 27637/2005, tema 51, cod 551 - 2005	1.00	2.00
9	Metode inteligente de proiectare și control pentru convertoare electronice de putere performante în vederea asigurării calității energiei electrice, Director proiect: Adriana Sîrbu, GR 27637/2005, tema 54, cod 566 - 2005	1.00	2.00
10	Cercetări privind diversificarea și creșterea calității serviciilor de comunicații mobile, Director proiect: Ion Bogdan, GR 27637/2005, tema 9, cod 415 - 2005-2007	3.00	6.00
11	Sistem de telecomandă și control a întrerupătorilor din stațiile de transformare din rețeaua electrică la distribuție pe medie tensiune, Director proiect: Dumitru Nedelcu, Colab la Proiect RELANSIN ctr. 1733/2003 SC TEHNOTON SA TUIASI ctr. nr. 2497/2003 - 2003-2005	3.00	6.00

12	Modelarea porților logice CMOS submicronice cu sarcini linii de transmisie pentru simularea cu evenimente discrete și evaluarea performanțelor circuitelor VLSI de mare viteză, Director proiect: Danuț Burdia, CNC SIS-At, Contract Nr. 33557/2003, Tema 54, Cod CNC SIS 323 - 2003-2004: 12100RON http://uefiscdi.gov.ro/userfiles/file/granturi/Granturi%20finalizate%2031%20dec%202005/com_2_tip_AT.htm http://vechi.cncsis.ro/includes/date_identificare_6.php?id=395	2.00	4.00
13	Proiectare VLSI a circuitelor de predicție de mare viteză, Director proiect: Lucian Stoica, Contract Nr. 33557/2003, Tema 63, Cod CNC SIS 358 - 2003-2004: 12100RON http://uefiscdi.gov.ro/userfiles/file/granturi/Granturi%20finalizate%2031%20dec%202005/com_2_tip_AT.htm http://vechi.cncsis.ro/includes/date_identificare_6.php?id=434	2.00	4.00
14	Sistem de acces 4G Bluetooth cu aplicații la realizarea de rețele personale la domiciliu, Coordonare proiect: Institutul Național de Studii și Cercetări în Comunicații București, Partener: Universitatea Tehnică "Gheorghe Asachi" din Iasi, Responsabil local proiect: Prof. Dr. Ing. Ion Bogdan, Program INFOSOC – Competiția C6, Subprogram INFOSOC 2 – Tehnologii, Nr. inreg. 134, 2004-2006: 2004 – 12.000 RON, 2005 – 24.000 RON, 2006 – 12.000 RON, - Ciprian Comșa: membru colectiv în: etapa 1 (01.09.2004 – 16.12.2004) 12.000 RON + etapa 2 (17.12.2004 – 15.06.2005) 12.000 RON = 8.5 luni http://www.inscc.ro/programe/pncdi/ http://uefiscdi.gov.ro/Public/cat/587/INFOSOC.html	0.71	1.42
15	Metode și soluții pentru introducerea în România a serviciului de comunicații mobile de generația a treia, Coordonare proiect: Institutul Național de Studii și Cercetări în Comunicații București, Partener: Universitatea Tehnică "Gheorghe Asachi" din Iasi, Responsabil local proiect: Prof. Dr. Ing. Ion Bogdan, Program finanțare INFOSOC - Competiția C1, Subprogram INFOSOC 2 – Tehnologii, Nr. inreg. 4, 2001-2003: Anul I (2002) 10910 RON, Anul II (2003) 5800 RON, Anul III (2004) 6100 RON. - Ciprian Comșa: membru colectiv în: Anul I și Anul II http://www.inscc.ro/programe/pncdi/ http://uefiscdi.gov.ro/Public/cat/587/INFOSOC.html	2.00	4.00
TOTAL A2.4.1.1 - A2.4.2.2			333.68

TOTAL A2	779.28
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Lista de lucrări pe categorii/ani

Februarie, 2026

[illegible]

Lista de lucrări pe categorii/ani

Februarie, 2026

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorie	Categorie Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2025.3. S.S. Sefati, A.M. Nor, B. Arasteh, R. Craciunescu, C.R. Comsa, "A Probabilistic Approach to Load Balancing in Multi-Cloud Environments via Machine Learning and Optimization Algorithms," in Journal of Grid Computing, Springer, 23, no. 2 11.04.2025, 1-36, https://doi.org/10.1007/s10723-025-09805-6 https://www.webofscience.com/wos/woscc/full-record/WOS:001463780900001	2.90	5	22.4	36	ISI-Q2	ISI-Q2	2025	11	12.8
Lucrarări ce ne citează https://scholar.google.com/scholar?oi=bibs&hl=en&cites=7826136755009191433	Punctaj total acordat				Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
Sefati, Seyed Salar, Bahman Arasteh, Simona Halunga, and Octavian Fratu. "A comprehensive survey of cybersecurity techniques based on quality of service (QoS) on the Internet of Things (IoT)." Cluster Computing 28, no. 12 (2025): 792. https://www.webofscience.com/wos/woscc/full-record/WOS:001573034300024	8			5	WoK	R_ISI	2025	1	1.6
Sefati, Seyed Salar, Sanda Osiceanu Maiduc, Bahman Arasteh, Winfred Ofoe Larkotey, Asgarali Bouyer, and Wali Ullah Khan. "Optimizing energy-efficient routing in Mobile internet of things (MIoT) networks using Grey wolf optimization and recurrent neural networks." Ad Hoc Networks (2025): 104047. https://www.webofscience.com/wos/woscc/full-record/WOS:001612518600002	8			5	WoK	R_ISI	2025	2	1.6
Sefati, Seyed Salar, Bahman Arasteh, Octavian Fratu, and Simona Halunga. "SSLA: a semi-supervised framework for real-time injection detection and anomaly monitoring in cloud-based web applications with real-world implementation and evaluation." Journal of Cloud Computing 14, no. 1 (2025): 38. https://www.webofscience.com/wos/woscc/full-record/WOS:001529872300001	8			5	WoK	R_ISI	2025	3	1.6
Sefati, Seyed Salar, Mobina Keymasi, Razvan Craciunescu, Sanda Maiduc, Mustafa Bayram, and Bahman Arasteh. "Adaptive Resource Scheduling in Multi-Cloud Computing Using Recurrent Neural Forecasting and Memory-Based Metaheuristic Optimization." Journal of Grid Computing 23, no. 4 (2025): 1-25. https://www.webofscience.com/wos/woscc/full-record/WOS:001590743800001	8			5	WoK	R_ISI	2025	4	1.6
Sefati, Seyed Salar, Bahman Arasteh, Simona Halunga, and Octavian Fratu. "Adaptive Service Recommendation in Internet of Things Using a Reinforcement Learning and Optimization Algorithm." IEEE Transactions on Network and Service Management (2025). https://www.webofscience.com/wos/woscc/full-record/WOS:001590953600004	8			5	WoK	R_ISI	2025	5	1.6
Handayani, Dwipa, Andy Achmad Hendharsetiawan, and Muhammad Yasir. "Digital Reporting System for Product Quality Using Normal Distribution and EWMA Control Chart." PIKSEL: Penelitian Ilmu Komputer Sistem Embedded and Logic 13, no. 2 (2025): 313-322. https://doi.org/10.33558/piksel.v13i2.11611	4			3	BDI	R_BDI	2025	6	0.8
Kumar, Sanjeev, Saurabh Charaya, and Rachna Mehta. "Ensemble-based predictive framework for computational workload forecasting using Google borg traces." International Journal of Research & Technology 13, no. 3 (2025): 455-472. https://doi.org/10.64882/ijrt.v13.i3.482	4			3	BDI	R_BDI	2025	7	0.8

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Lista de lucrări pe categorii/ani

Februarie, 2026

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorie	Categorie Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2025.4. S.S. Sefati, B. Arasteh, R. Craciunescu, C.R. Comsa, "Intelligent Congestion Control in Wireless Sensor Networks (WSN) Based on Generative Adversarial Networks (GANs) and Optimization Algorithms," in Mathematics, vol. 13, no. 4, 597, MDPI, 12.Feb.2025, https://doi.org/10.3390/math13040597 https://www.webofscience.com/wos/woscc/full-record/WOS:001430443200001	2.20	4	22.75	52	ISI-Q2	ISI-Q2	2025	14	21
Lucrarări ce ne citează https://scholar.google.com/scholar?oi=bibs&hl=en&cites=7044415338272183341	Punctaj total acordat				Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
Ghorbian, Mohsen, Saeid Ghorbian, and Mostafa Ghobaei-Arani. "Advancements in Machine Learning for Brain Tumor Classification and Diagnosis: A Comprehensive Review of Challenges and Future Directions." Archives of Computational Methods in Engineering (2025): 1-36. https://www.webofscience.com/wos/woscc/full-record/WOS:001562798000001	8			5	WoK	R_ISI	2025	1	2
Sefati, Seyed Salar, Sanda Osiceanu Maiduc, Bahman Arasteh, Winfred Ofoe Larkotey, Asgarali Bouyer, and Wali Ullah Khan. "Optimizing energy-efficient routing in Mobile internet of things (MIoT) networks using Grey wolf optimization and recurrent neural networks." Ad Hoc Networks (2025): 104047. https://www.webofscience.com/wos/woscc/full-record/WOS:001612518600002	8			5	WoK	R_ISI	2025	2	2
Leblebici, Merih, and Ali Çalhan. "Generative artificial intelligence for integrated sensing and communication in 6G." Computer Networks (2025): 111573. https://www.webofscience.com/wos/woscc/full-record/WOS:001543786400001	8			5	WoK	R_ISI	2025	3	2
Jia, Songhao, Shuya Jia, and Wenqian Shao. "A Clustering Routing Algorithm for Wireless Sensor Networks Using Black-Kite Optimization Combined with Time of Arrival Technique." Electronics 14, no. 23 (2025): 4662. https://www.webofscience.com/wos/woscc/full-record/WOS:001634319700001	8			5	WoK	R_ISI	2025	4	2
Jadhav, Savita, D. G. Bhalke, J. S. Awati, and Shaikh Armaan. "Optimized traffic monitoring in smart cities using Secretary Bird Optimization." Discover Computing 29, no. 1 (2026): 60. https://www.webofscience.com/wos/woscc/full-record/WOS:001676949500004	8			5	WoK	R_ISI	2026	5	2
Patra, Prashanta Kumar, and Santosh Kumar Maharana. "Semantic-aware, graph-based, event-triggered federated transfer-learning multi-agent reinforcement learning (SAGE-Fed TL-MARL) for congestion control in VANETs." Discover Applied Sciences (2025). https://www.webofscience.com/wos/woscc/full-record/WOS:001669688900001	8			5	WoK	R_ISI	2025	6	2
Khudhair, Waleed Challob, Ali Awad Kadhim, Mohammed Hassan Abd, and B. S. Veena. "Intelligent Detection and Classification of Security Attacks in WSNs Using Deep Learning." Journal of Robotics and Control (JRC) 6, no. 6 (2025): 3170-3183. https://doi.org/10.18196/jrc.v6i6.25172	4			3	BDI	R_BDI	2025	7	1

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Lista de lucrări pe categorii/ani

Februarie, 2026

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorie	Categorie Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2025.5. S. A. Khowaja, P. Khuwaja, K. Dev, K. Singh, X. Li, N. Bartzoudis, "Block Encryption LAYer (BELA): Zero-Trust Defense Against Model Inversion Attacks for Federated Learning in 5G/6G Systems," in the IEEE Open Journal of the Communications Society, IEEE, 1-14, 06.Jan.2025, DOI: 10.1109/OJCOMS.2025.3526768 https://www.webofscience.com/wos/woscc/full-record/WOS:001410124600003	6.10	6	34.6666667	21	ISI-Q1	ISI-Q1	2025	7	6
Lucrarări ce ne citează https://scholar.google.com/scholar?oi=bibs&hl=en&cites=15542087107057343661	Punctaj total acordat				Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
Sanjalawe, Yousef, Salam Fraihat, Mosleh Abualhaj, Sharif Makhadmeh, and Emran Alzubi. "A review of 6G and AI convergence: Enhancing communication networks with artificial intelligence." IEEE Open Journal of the Communications Society (2025). https://www.webofscience.com/wos/woscc/full-record/WOS:001463481300012	8			5	WoK	R_ISI	2025	1	1.333333
Liu, Yinqiu, Guangyuan Liu, Hongyang Du, Dusit Niyato, Jiawen Kang, Zehui Xiong, Dong In Kim, and Xuemin Shen. "Hierarchical micro-segmentations for zero-trust services via large language model-enhanced graph diffusion." IEEE Transactions on Networking (2026). IEEE: https://doi.org/10.1109/TON.2026.3654170	4			3	BDI	R_BDI	2025	2	0.666667
Pillai, Binu Sudhakaran, Raghavendra Kulkarni, Venkata Satya Suresh kumar Kondeti, and Surendran Rajendran. "Wavelet transform-based bayesian inference learning with conditional variational autoencoder for mitigating injection attack in 6g edge network." Computer Modeling in Engineering & Sciences 145, no. 1 (2025): 1141. https://www.webofscience.com/wos/woscc/full-record/WOS:001597204000001	8			5	WoK	R_ISI	2025	3	1.333333
Diantoro, Karno, Merrieayu Puspita Hannah, Muhammad Wali, Indrajani Sutedja, and Nur Silawati. "Optimizing Federated Learning Efficiency for Real-Time Online Course Applications." In 2025 4th International Conference on Creative Communication and Innovative Technology (ICCIIT), pp. 1-7. IEEE, 2025. DOI: 10.1109/ICCIIT65724.2025.11166698	4			1	BDI	C_BDI	2025	4	0.666667
Khowaja, Sunder Ali, Parus Khuwaja, Kapal Dev, Hussam Al Hamadi, and Engin Zeydan. "Pathway to Secure and Trustworthy ZSM for LLMs: Attacks, Defense, and Opportunities." IEEE Communications Magazine 64, no. 1 (2025): 16-22. DOI: 10.1109/MCOM.001.2500017	4			3	BDI	R_BDI	2025	5	0.666667
Aboshady, Mahmoud Hany, Mohamed Helmy Gaber, Donia Magdy Elgoushy, Ola Mansour Mustafa, Abeer Hamada Barghot, Dana Adel El nabawy, Nesma Abdelgawad, Khaled Fouad, and Ibrahim Attiya. "Zero Trust Architecture for Mitigating Data Leakage in Cloud Computing." In International Conference on Intelligent Systems, Blockchain, and Communication Technologies, pp. 147-162. Cham: Springer Nature Switzerland, 2025. https://link.springer.com/chapter/10.1007/978-3-032-09562-6_11	4			3	BDI	R_BDI	2025	6	0.666667
Xiao, Jian, Hongyan Chen, Zhifang Yao, and Zhengqi Xiao. "Research on the Application of Network Security Office Under Zero-Trust Architecture." In Proceedings of the 2nd International Conference on Artificial Intelligence of Things and Computing, pp. 32-37. 2025. https://doi.org/10.1145/3762329.3762335	4			1	BDI	C_BDI	2025	7	0.666667

Lista de lucrări pe categorii/ani

Februarie, 2026

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Lista de lucrări pe categorii/ani

Februarie, 2026

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Lista de lucrări pe categorii/ani

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Februarie, 2026

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorie	Categorie Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2019.1. C.F. Caruntu, L. Ferariu, C.M. Pascal, N. Cleju, and C.R. Comsa, "Connected cooperative control for multiple-lane automated vehicle flocking on highway scenarios," in the Proceedings of the 2019 23rd International Conference on System Theory, Control and Computing (ICSTCC), Sinaia, 31 Oct. 2019. ISBN:978-1-7281-0699-1. DOI: 10.1109/ICSTCC.2019.8885496. https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=59&SID=C4inslGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	0.25	5	6.5	31	WoK	WoK	2019	8	1.6
Lucrări ce ne citează https://scholar.google.com/scholar?oi=bibs&hl=en&cites=15353088366370159350	Punctaj total acordat				Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
Luca, Oana, Liliana Andrei, Cristina Iacobaia, and Florian Gaman. "Unveiling the hidden effects of automated vehicles on “do no significant harm” components." Sustainability 15, no. 14 (2023): 11265. https://www.webofscience.com/wos/woscc/full-record/WOS:001036561300001	8			5	WoK	R_ISI	2022	1	1.6
Rostami-Shahrbabaki, Majid, Simone Weikl, Tanja Niels, and Klaus Bogenberger. "Modeling vehicle flocking in lane-free automated traffic." Transportation research record 2677, no. 9 (2023): 499-512. https://www.webofscience.com/wos/woscc/full-record/WOS:000959848100001	8			5	WoK	R_ISI	2023	2	
Wang, Gang, Mingzhe Liu, Fengchen Wang, and Yan Chen. "A novel and elliptical lattice design of flocking control for multi-agent ground vehicles." IEEE Control Systems Letters 7 (2022): 1159-1164. https://www.webofscience.com/wos/woscc/full-record/WOS:000910666300012	8			5	WoK	R_ISI	2023	3	
Beti, Iosif-Alin, Paul-Corneliu Hergelegiu, and Constantin-Florin Caruntu. "Architectural framework to enhance image-based vehicle positioning for advanced functionalities." Information 15, no. 6 (2024): 323. https://www.webofscience.com/wos/woscc/full-record/WOS:001256059900001	8			5	WoK	R_ISI	2024	4	
Aloui, Khalil, Amir Guizani, Moncef Hammadi, Thierry Soriano, and Mohamed Haddar. "Integrated design methodology of automated guided vehicles based on swarm robotics." Applied Sciences 11, no. 13 (2021): 6187. https://www.webofscience.com/wos/woscc/full-record/WOS:000672486100001	8			5	WoK	R_ISI	2021	5	
Dabestani, Niloufar, Panagiotis Typaldos, Ioannis Papamichail, and Markos Papageorgiou. "Joint vehicle path planning for interruptible 1-D snake-like platoons and 2D flocks in lane-free traffic." IFAC-PapersOnLine 58, no. 10 (2024): 61-68. https://www.webofscience.com/wos/woscc/full-record/WOS:001288977800010	8			2	WOK	C_ISI	2024	6	
Caruntu, Constantin F., Carlos M. Pascal, Anca Maxim, and Ovidiu Pauca. "Bio-inspired coordination and control of autonomous vehicles in future manufacturing and goods transportation." IFAC-PapersOnLine 53, no. 2 (2020): 10861-10866. https://www.webofscience.com/wos/woscc/full-record/WOS:000652593100331	8			2	WOK	C_ISI	2020	7	

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Lista de lucrări pe categorii/ani

Iunie, 2021

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorie	Categorie Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2019.2. C.F. Caruntu, L. Ferariu, C.M. Pascal, N. Cleju, and C.R. Comsa, "A Concept of Multiple-lane Vehicle Grouping by Swarm Intelligence," in the Proceedings of the 2019 24th IEEE International Conference on Emerging Technologies and Factory Automation (ETFA), Zaragoza,10-13 Sept. 2019. ISBN:978-1-7281-0303-7. DOI: 10.1109/ETFA.2019.8868955. https://apps-whoofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=58&SID=C4inslGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no Julkaisu Publication Level 1: https://www.tsv.fi/julkaisufoorum/haku.php?nimeke=Emerging+Technologies+and+Factory+Automation&konferenssilyh=&issn=&tyyppi=kaikki&kieli=&maa=&wos=&scopus=&nappi=Search	0.25	5	6.5	20	WoK	WoK	2019	7	9.6
Lucrarări ce ne citează https://scholar.google.com/scholar?oi=bibs&hl=en&cites=14842858204153565009	Punctaj total acordat				Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
Echeto, Javier, Manuel G. Romana, and Matilde Santos. "Swarm Modelling Considering Autonomous Vehicles for Traffic Jam Assist Simulation." International Workshop on Soft Computing Models in Industrial and Environmental Applications. Springer, Cham, 2020.	4			1	BDI	C_BDI	2020	1	0.8
Rostami-Shahrbabaki, Majid, Simone Weikl, Tanja Niels, and Klaus Bogenberger. "Modeling vehicle flocking in lane-free automated traffic." Transportation research record 2677, no. 9 (2023): 499-512. https://www.webofscience.com/wos/woscc/full-record/WOS:000959848100001	8			5	WoK	R_ISI	2023	2	1.6
Echeto, Javier, Matilde Santos, and Manuel G. Romana. "Automated vehicles in swarm configuration: Simulation and analysis." Neurocomputing 501 (2022): 679-693. https://www.webofscience.com/wos/woscc/full-record/WOS:000822699900008	8			5	WoK	R_ISI	2022	3	1.6
Dabestani, Niloufar, Panagiotis Typaldos, Ioannis Papamichail, and Markos Papageorgiou. "Joint vehicle path planning for interruptible 1-D snake-like platoons and 2D flocks in lane-free traffic." IFAC-PapersOnLine 58, no. 10 (2024): 61-68. https://www.webofscience.com/wos/woscc/full-record/WOS:001288977800010	8			2	WOK	C_ISI	2024	4	1.6
Caruntu, Constantin F., Carlos M. Pascal, Anca Maxim, and Ovidiu Pauca. "Bio-inspired coordination and control of autonomous vehicles in future manufacturing and goods transportation." IFAC-PapersOnLine 53, no. 2 (2020): 10861-10866. https://www.webofscience.com/wos/woscc/full-record/WOS:000652593100331	8			2	WOK	C_ISI	2020	5	1.6
Lazar, Razvan G., Virgil Varga, and Constantin F. Caruntu. "Truetime-based analysis of a distributed generalized predictive control architecture for cacc systems." In 2021 25th International Conference on System Theory, Control and Computing (ICSTCC), pp. 612-617. IEEE, 2021. https://www.webofscience.com/wos/woscc/full-record/WOS:000859487900101	8			2	WOK	C_ISI	2021	6	1.6
Cui, Zhengrong, Xiaomin Zhao, Jin Huang, and Y. H. Chen. Robust trajectory tracking control for intelligent connected vehicle swarm system. No. 2022-01-7083. 2022. DOI: https://doi.org/10.4271/2022-01-7083	4			3	BDI	R_BDI	2022	7	0.8

Lista de lucrări pe categorii/ani

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Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorii	Categorii Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2019.3. A. Abunei, C.R. Comşa, C.F. Caruntu, and I. Bogdan, "Redundancy Based V2V Communication Platform for Vehicle Platooning," in the Proceedings of the 2019 International Symposium on Signals, Circuits and Systems (ISSCS2019), Iasi, 11-12 July 2019, pp. 1-4. ISBN:978-1-7281-3897-8. DOI: 10.1109/ISSCS.2019.8801781. https://apps- webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=57&SID=C4inslGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	0.25	4	8.125	25	WoK	WoK	2019	8	11
Lucrări ce ne citează https://scholar.google.com/scholar?oi=bibs&hl=en&cites=6898979280538146122	Punctaj total acordat				Categorii	Categorii	An	Nr. Crt.	Punctaj Citări
Shin, Y. J., Liu, L., Hyun, S., & Bae, D. H. (2021, May). Platooning LEGOs: An Open Physical Exemplar for Engineering Self-Adaptive Cyber-Physical Systems-of-Systems. In 2021 International Symposium on Software Engineering for Adaptive and Self-Managing Systems (SEAMS) (pp. 231-237). IEEE. https://www.webofscience.com/wos/woscc/full-record/WOS:000716703000027	8			5	WoK	R_ISI	2021	1	2
Stellwagen, J., Deegener, M., & Kuhn, M. (2021, March). Application-Dependent Support of ITS-G5 Car-to-Car Communication by Selected Usage of LTE-V2X Resources. In AmE 2021-Automotive meets Electronics; 12th GMM-Symposium (pp. 1-6). VDE. https://ieeexplore.ieee.org/abstract/document/9399730/	4			1	BDI	C_BDI	2021	2	1
Bintoro, Ketut Bayu Yogha. "Vehicular ad-hoc networks for intelligent transportation system: A brief review of protocols, challenges, and future research." JISA (Jurnal Informatika dan Sains) 7, no. 2 (2024): 206-216. DOI: https://doi.org/10.31326/jisa.v7i2.2112	4			0			2024	3	1
Godinho, Daniel Almeida, Armando Alves Neto, Leonardo Amaral Mozelli, and Fernando de Oliveira Souza. "A strategy for traffic safety of vehicular platoons under connection loss and time-delay." IEEE Transactions on Intelligent Transportation Systems 24, no. 6 (2023): 6627-6638. https://www.webofscience.com/wos/woscc/full-record/WOS:000967340500001	8			5	WoK	R_ISI	2023	4	2
Bintoro, Ketut Bayu Yogha. "A study of V2V communication on VANET: characteristic, challenges and research trends." JISA (Jurnal Informatika dan Sains) 4, no. 1 (2021): 46-58. DOI: https://doi.org/10.31326/jisa.v4i1.895	0			3		R_BDI	2021		0
de Abreu, Marcus Paulo Silva, Fúlvia Stefany Silva de Oliveira, and Fernando de Oliveira Souza. "d-CACC for vehicle platoons lacking acceleration signal." IEEE Transactions on Intelligent Transportation Systems 25, no. 8 (2024): 9028-9038. https://www.webofscience.com/wos/woscc/full-record/WOS:001201921200001	8			5	WoK	R_ISI	2024	5	2

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Lista de lucrări pe categorii/ani

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Ianuarie, 2026

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorii	Categorii Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2017.1. A Abunei, CR Comsa, I Bogdan, "Implementation of ETSI ITS-G5 based inter-vehicle communication embedded system," in the Proceedings of the 2017 International Symposium on Signals, Circuits and Systems (ISSCS2017), Iasi, July 2017, pages: 1 - 4, ISBN: 978-1-5386-0674-2. DOI: 10.1109/ISSCS.2017.8034921 https://apps- webofknowledge-com.am.e- nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=56&SID=C4inslGbxA7oOdegzi p&page=1&doc=1	0.25	3	10.8333333	43	WoK	WoK	2017	14	29.33333
Lucrări ce ne citează https://scholar.google.com/scholar?oi=bibs&hl=en&cites=7111322406000657630	Punctaj total acordat				Categorii	Categorii	An	Nr. Crt.	Punctaj Citări
Boualouache, Abdelwahab, and Thomas Engel. "A survey on machine learning-based misbehavior detection systems for 5g and beyond vehicular networks." IEEE Communications Surveys & Tutorials 25, no. 2 (2023): 1128-1172. https://ieeexplore.ieee.org/abstract/document/10015746/	4			3	BDI	R_BDI	2023	1	1.333333
Behravan, Kobra, Nazbanoo Farzaneh, Mohsen Jahanshahi, and Seyed Amin Hosseini Seno. "A comprehensive survey on using fog computing in vehicular networks." Vehicular Communications 42 (2023): 100604. https://www.webofscience.com/wos/woscc/full-record/WOS:001060339900001	8			5	WoK	R_ISI	2023	2	2.666667
Raviglione, Francesco, CM Risma Carletti, Marco Malinverno, Claudio Casetti, and Carla-Fabiana Chiasserini. "ms-van3t: An integrated multi-stack framework for virtual validation of V2X communication and services." Computer Communications 217 (2024): 70-86. https://www.webofscience.com/wos/woscc/full-record/WOS:001176551800001	8			5	WoK	R_ISI	2024	3	2.666667
Abbas-Turki, Abdeljalil, Yazan Mualla, Nicolas Gaud, Davide Calvaresi, Wendan Du, Alexandre Lombard, Mahjoub Dridi, and Abder Koukam. "Autonomous intersection management: Optimal trajectories and efficient scheduling." Sensors 23, no. 3 (2023): 1509. https://www.webofscience.com/wos/woscc/full-record/WOS:000929591500001	8			5	WoK	R_ISI	2023	4	2.666667
Rosmaninho, Rodrigo, Andreia Figueiredo, Pedro Almeida, Pedro Rito, Duarte Raposo, and Susana Sargento. "Vanetza-nap: Vehicular communications and services in microservices architectures." In 2024 IEEE Vehicular Networking Conference (VNC), pp. 297-304. IEEE, 2024. https://www.webofscience.com/wos/woscc/full-record/WOS:001486996600061	8			2	WoK	C_ISI	2024	5	2.666667
Zadobrischi, Eduard, Mihai Dimian, and Mihai Negru. "The utility of DSRC and V2X in road safety applications and intelligent parking: similarities, differences, and the future of vehicular communication." Sensors 21, no. 21 (2021): 7237. https://www.webofscience.com/wos/woscc/full-record/WOS:000718801000001	8			5	WoK	R_ISI	2021	6	2.666667
Petrov, Artur I., and Anatoly V. Pistsov. "Training and Applying Artificial Neural Networks in Traffic Light Control: Improving the Management and Safety of Road Traffic in Tyumen (Russia)." Automotive experiences 6, no. 3 (2023): 528-550. https://doi.org/10.31603/ae.10025	4			3	BDI	R_BDI	2023	7	1.333333

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Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorie	Categorie Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2016.1. A Abunei, CR Comsa, I Bogdan, "Implementation of a Cost-effective V2X hardware and software platform," in the Proceedings of the 2016 International Conference on Communications (COMM2016), Bucharest, June 2016, pages: 367 - 370, DOI: 10.1109/ICComm.2016.7528312 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=Y29j68mUsOPHyQEKlqL&page=1&doc=1	0.25	3	10.8333333	25	WoK	WoK	2016	9	16
Lucrări ce ne citează https://scholar.google.com/scholar?oi=bibs&hl=en&cites=4680597280915605127	Punctaj total acordat				Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
Regis, Paulo Alexandre, Cayler Miley, and Shamik Sengupta. "Multi-hop Mobile Wireless Mesh Network Testbed Development and Measurements." International Journal of Innovative Research in Computer and Communication Engineering 5, no. 3: 2. 2017.	4			3	BDI	R_BDI	2017	1	1.333333
Casetti, Claudio Ettore, and Francesco Raviglione. "Implementation of the IEEE 802.11 p protocol on embedded systems." (2018).	0			0	Thesis	Thesis	2018		0
Raviglione, Francesco, Marco Malinverno, and Claudio Casetti. "Open source platform for IEEE 802.11 p NICs evaluation." 2019 IEEE 20th International Symposium on "A World of Wireless, Mobile and Multimedia Networks"(WoWMoM). IEEE, 2019.	8			2	ISI	C_ISI	2019	2	2.666667
Goud, Madhav Kahar, NM Istiak Chowdhury, and Md Faqhrul Islam Nahiyan. "Performance Evaluation of Proactive, Reactive and Hybrid Protocols by Varying Vehicle Nodes in Vehicular Ad-hoc Network." (2018), IJCSE, https://www.semanticscholar.org/paper/Performance-Evaluation-of-Proactive%2C-Reactive-and-Goud-Chowdhury/7d95077543c39b9cbfebb0d4cbb90dac662b8001 https://www.researchgate.net/publication/330140398_Performance_Evaluation_of_Proactive_Reactive_and_Hybrid_Protocols_by_Varying_Vehicle_Nodes_in_Vehicular_Ad-hoc_Network	4			3	BDI	R_BDI	2018	3	1.333333
Ugnaya Mendoza, Charmae Franchesca. Implementation and experimental evaluation of Cooperative Awareness Basic Service for V2X Communications. MS thesis. Universitat Politècnica de Catalunya, 2019.				0		Thesis	2020	4	0
Kulp, Philip H., and Nagi Mei. "An Integrated Framework for Sensing Radio Frequency Spectrum Attacks on Medical Delivery Drones." arXiv preprint arXiv:2005.01503 (2020). 2020 IEEE International Conference on Systems, Man, and Cybernetics (SMC)	4			1	BDI	C_BDI	2020	5	1.333333
Kiela, Karolis, et al. "Review of V2X-IoT Standards and Frameworks for ITS Applications." MDPI Applied Sciences 10.12 (2020): 4314. https://apps.webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=52&SID=C4inslGbxA7oOdegziP&page=1&doc=1&cacheurlFromRightClick=no	8			5	WoK	R_ISI	2020	6	2.666667
Lv, Xiaojiang, Zhi Xiao, Jianguang Fang, Qing Li, Fei Lei, and Guangyong Sun. "On safety design of vehicle for protection of vulnerable road users: A review." Thin-Walled Structures 182 (2023): 109990. https://www.webofscience.com/wos/woscc/full-record/WOS:000890670400001	8			5	WoK	R_ISI	2023	7	2.666667

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2012.1. C. R. Comsa, A. M. Haimovich, "Performance Bound for Time Delay and Amplitude Estimation from Low Rate Samples of Pulse Trains," presented at the 20th European Signal Processing Conference, EUSIPCO 2012, Bucharest, Romania, Aug. 27-31, 2012. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=80&SID=X2r7zBgyb6mGNzwhuX4&page=1&doc=1 Julkaisu Publication Level 1: https://www.tsv.fi/julkaisufoorumi/haku.php?nimeke+=European+Signal+Processing+Conference&konferenssilyh=&issn=&tyyppi=kaikki&kieli=&maa=&wos=&scopus=&nappi=Search	0.25	2	16.25	15	WoK	WoK	2012	4	16
Lucrări ce ne citează	Punctaj total acordat				Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
S. Bernhardt, R. Boyer, S. Marcos, Y. C. Eldar and P. Larzabal, "Cramér-Rao Bound for finite streams of pulses," 2014 22nd European Signal Processing Conference (EUSIPCO), Lisbon, 2014, pp. 984-988. URL: http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6952336&isnumber=6951911	4			1	BDI	C_BDI	2014	1	2
Bernhardt, Stéphanie. "Performances et méthodes pour l'échantillonnage comprimé: Robustesse à la méconnaissance du dictionnaire et optimisation du noyau d'échantillonnage." PhD diss., Paris Saclay, 2016.	0			0	Thesis	Thesis	2014		0
AGHION, CRISTIAN, MIHAI LUCANU, and OVIDIU URSARU. "LOW COST SOLUTION FOR AC MOTOR CONTROL APPLICATIONS.", BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, Publicat de Universitatea Tehnică „Gheorghe Asachi” din Iași Volumul 62 (66), Numărul 2, 2016, Secția ELECTROTEHNICĂ. ENERGETICĂ. ELECTRONICĂ https://scholar.google.com/scholar?oi=bibs&hl=en&cites=4877924730397049841	4			3	BDI	R_BDI	2016	2	2
Aghion, Cristian, Mihai Lucanu, Ovidiu Ursaru, and Maris Hagan. "Single-Phase Boost AC-AC Converter." SIITME 2018. https://scholar.google.com/scholar?oi=bibs&hl=en&cites=4877924730397049841	4			1	BDI	C_BDI	2018	3	2
BIVOL, EUSEBIU, CRISTIAN AGHION, and OVIDIU URSARU. "ALTERNATIVE SOLUTION FOR MAJORITY FUNCTION USED BY MICROCHIP FOR BRUSHLESS DIRECT CURRENT SENSORLESS MOTOR CONTROL." BULETINUL INSTITUTULUI POLITEHNIC DIN IAȘI, Publicat de Universitatea Tehnică „Gheorghe Asachi” din Iași, Volumul 63 (67), Numărul 2, 2017, Secția ELECTROTEHNICĂ. ENERGETICĂ. ELECTRONICĂ. https://scholar.google.com/scholar?oi=bibs&hl=en&cites=4877924730397049841	4			3	BDI	R_BDI	2017	4	2
Cristian, Aghion, et al. "OLED display control system." 2019 International Symposium on Signals, Circuits and Systems (ISSCS). IEEE, 2019.	4			2	BDI	C_ISI	2019	5	2
HAGAN, MARIUS, OANA GEMAN, CRISTIAN AGHION, ADRIAN BREZULIANU, BO ESKEROD MADSEN, and ALEXANDER KRISTENSEN. "REAL TIME MONITORING DEVICE FOR HOME APPLICATIONS." (2023). https://intapi.sciendo.com/pdf/10.2478/bipie-2023-0023	4			3	BDI	R_BDI	2023	6	2

Aghion, Cristian, Ovidiu Ursaru, Nicolae Lucanu, Constantin Barabasa, and Marius Hagan. "Electronic fishing float." In 2023 International Symposium on Signals, Circuits and Systems (ISSCS), pp. 1-4. IEEE, 2023. https://ieeexplore.ieee.org/abstract/document/10190851/	4			1	BDI	C_BDI	2023	7	2
Aghion, Cristian, Adrian Brezulianu, Marius Hagan, Bo Eskerod Madsen, and Alexander Kristensen. "Device for tracking functional parameters for freight trains." In 2023 International Symposium on Signals, Circuits and Systems (ISSCS), pp. 1-4. IEEE, 2023. https://ieeexplore.ieee.org/abstract/document/10190930/	4			1	BDI	C_BDI	2023	8	2

Lista de lucrări pe categorii/ani

Iunie, 2021

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorie	Categorie Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2011.1. C. R. Comsa, A. M. Haimovich, S. Schwartz, Y. H. Dobyns, and J. A. Dabin, "Source Localization using Time Difference of Arrival within a Sparse Representation Framework," presented at the International Conference on Acoustics, Speech and Signal Processing, ICASSP 2011, May 22-27, Prague, Czech Republic. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=82&SID=X2r7zBgyb6mGNzwhuX4&page=1&doc=1 Julkaisu Publication Level 1: https://www.tsv.fi/julkaisufoorumi/haku.php?nimeke+=European+Signal+Processing+Conference&konferenssilyh=&issn=&tyyppi=kaikki&kieli=&maa=&wos=&scopus=&nappi=Search	0.25	5	6.5	52	WoK	WoK	2011	18	24
Lucrări ce ne citează https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=7562321009954993775&as_sdt=5	Punctaj total acordat				Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
Jamali-Rad, Hadi, and Geert Leus. "Sparsity-aware multi-source TDOA localization." <i>IEEE Transactions on Signal Processing</i> 61.19 (2013): 4874-4887. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=14&SID=Y29j68mUsOPHyQEKlqL&page=1&doc=1	8			5	ISI	R_ISI	2013	1	1.6
Pourhomayoun, Mohammad, Mark L. Fowler, and N. Eva Wu. "Spatial sparsity based emitter localization." <i>Information Sciences and Systems (CISS), 2012 46th Annual Conference on.</i> IEEE, 2012. http://ieeexplore.ieee.org/document/6310710/	4			1	BDI	C_BDI	2012	2	0.8
Jean, Oren, and Anthony J. Weiss. "Passive localization and synchronization using arbitrary signals." <i>IEEE Transactions on Signal Processing</i> 62.8 (2014): 2143-2150. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=20&SID=Y29j68mUsOPHyQEKlqL&page=1&doc=1	8			5	ISI	R_ISI	2014	3	1.6
Jamali-Rad, Hadi, Hamid Ramezani, and Geert Leus. "Sparsity-aware multi-source RSS localization." <i>Journal Signal Processing</i> 101 (2014): 174-191. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=23&SID=Y29j68mUsOPHyQEKlqL&page=1&doc=1	8			5	ISI	R_ISI	2014	4	1.6
Pourhomayoun, Mohammad, Zhanpeng Jin, and Mark Fowler. "Spatial sparsity based indoor localization in wireless sensor network for assistive healthcare." <i>2012 Annual International Conference of the IEEE Engineering in Medicine and Biology Society.</i> IEEE, 2012. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=26&SID=Y29j68mUsOPHyQEKlqL&page=1&doc=1	8			2	WoK	C_ISI	2012	5	1.6

Pourhomayoun, Mohammad, Zhanpeng Jin, and Mark L. Fowler. "Indoor Localization, Tracking and Fall Detection for Assistive Healthcare Based on Spatial Sparsity and Wireless Sensor Network." International Journal of Monitoring and Surveillance Technologies Research (IJMSTR) 1.2 (2013): 72-83. http://web.cs.ucla.edu/~mpourhoma/Papers/Indoor%20Localization,%20Tracking%20and%20Fall%20Detection%20for%20Assistive%20Healthcare%20Based%20on%20Spatial%20Sparsity%20and%20Wireless%20Sensor%20Network.pdf	4			3	BDI	R_BDI	2013	6	0.8
Yu, Junyi, and Yongfeng Huang. "A layered two-step Hidden Markov Model positioning method for mine environments based on Wi-Fi signals." Computer Science and Network Technology (ICCSNT), 2015 4th International Conference on. Vol. 1. IEEE, 2015. http://ieeexplore.ieee.org/document/7490939/	4			1	BDI	C_BDI	2015	7	0.8
Fowler, Mark. Multi-Sensor ELINT Development (MSED). STATE UNIV OF NEW YORK AT BINGHAMTON, 2012. http://www.dtic.mil/dtic/tr/fulltext/u2/a563090.pdf	0			0	Report		2012		0
Gao, Yihan. "A probabilistic approach to time delay estimation." Information Science and Service Science and Data Mining (ISSDM), 2012 6th International Conference on New Trends in. IEEE, 2012. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=30&SID=Y29j68mUsOPHyQEklqL&page=1&doc=1	8			2	WoK	C_ISI	2012	8	1.6
Pourhomayoun, Mohammad. Sparsity based localization in medical applications: Medical implant in-body localization using wireless body sensor networks, and indoor tracking of patients for assistive healthcare. Diss. State University of New York, 2013. http://pike.cs.ucla.edu/~mpourhoma/Dissertation_Mohammad-Pourhomayoun.pdf	0			0	Dissertation		2013		0
Jamali-Rad, H. (2014). Sparsity-Aware Wireless Networks: Localization and Sensor Selection (Doctoral dissertation, TU Delft, Delft University of Technology). http://www.narcis.nl/publication/RecordID/oai:tudelft.nl:uuid%3A9df0aca7-a587-413e-b18f-07bcd7e608b9	0			0	Dissertation		2014		0
Shi, Hailong, Hao Zhang, and Xiqin Wang. "A TDOA technique with super-resolution based on the volume cross-correlation function." IEEE Transactions on Signal Processing 64, no. 21 (2016): 5682-5695.. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=32&SID=Y29j68mUsOPHyQEklqL&page=1&doc=1	8			5	WoK	R_ISI	2015	9	1.6
Liu, Ran, Chau Yuen, Tri-Nhut Do, Wei Guo, Xiang Liu, and U-Xuan Tan. "Relative positioning by fusing signal strength and range information in a probabilistic framework." In 2016 IEEE Globecom Workshops (GC Wkshps), pp. 1-6. IEEE, 2016. https://scholar.google.com/scholar?oi=bibs&hl=en&cites=7562321009954993775 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=38&SID=C4insIGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	8			2	WoK	C_ISI	2016	10	1.6
Rashid, Md Tahmid, Md Shadman Sakib Chowdhury, and Mehas Fairuz Nawal. "Composite indoor localization and positioning system based on Wi-Fi repeater technology." In 2016 IEEE Region 10 Conference (TENCON), pp. 2130-2133. IEEE, 2016. https://scholar.google.com/scholar?oi=bibs&hl=en&cites=7562321009954993775 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=39&SID=C4insIGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	8			2	WoK	C_ISI	2016	11	1.6
Wu, Ryan Haoyun. "Sensor system and method for determining target location using sparsity-based processing." U.S. Patent 9,562,968, issued February 7, 2017.	0			0	Patent		2017		0
Liu, Ran, Chau Yuen, Tri-Nhut Do, Dewei Jiao, Xiang Liu, and U-Xuan Tan. "Cooperative relative positioning of mobile users by fusing IMU inertial and UWB ranging information." In 2017 IEEE International Conference on Robotics and Automation (ICRA), pp. 5623-5629. IEEE, 2017.	4			1	BDI	C_BDI	2017	12	0.8

[illegible]

Lista de lucrări pe categorii/ani

Februarie, 2026

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj Autoevaluare CComsa	Categorii	Categorii Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2011.2. C. R. Comsa, A. M. Haimovich, S. Schwartz, Y. H. Dobyns, and J. A. Dabin, "Time Difference of Arrival Based Source Localization within a Sparse Representation Framework," presented at the 45th Annual Conference on Information Sciences and Systems, CISS 2011, March 23-25, Baltimore, MD, USA.	0	5	44	BDI	BDI	2011	12	16.8
Lucrări ce ne citează https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=14140333070742003211&as_sdt=5	Punctaj total acordat			Categorii	Categorii	An	Nr. Crt.	Punctaj Citări
Jamali-Rad, Hadi, and Geert Leus. "Sparsity-aware multi-source TDOA localization." <i>IEEE Transactions on Signal Processing</i> 61.19 (2013): 4874-4887. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=34&SID=Y29j68mUsOPHyQEKLqL&page=1&doc=1	8		5	WoK	R_ISI	2013	1	1.6
Jamali-Rad, Hadi, and Geert Leus. "Sparsity-aware TDOA localization of multiple sources." 2013 IEEE International Conference on Acoustics, Speech and Signal Processing. IEEE, 2013. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=Y29j68mUsOPHyQEKLqL&page=1&doc=1	8		2	WoK	C_ISI	2013	2	1.6
Jamali-Rad, Hadi, Hamid Ramezani, and Geert Leus. "Sparsity-aware multi-source RSS localization." <i>Signal Processing</i> 101 (2014): 174-191. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=40&SID=Y29j68mUsOPHyQEKLqL&page=1&doc=1	8		5	ISI	R_ISI	2014	3	1.6
Thompson, Benton K. "Characterizing and improving the non-collaborative and collaborative localization problems." (2012). http://ieeexplore.ieee.org/document/6268736/	4		1	BDI	C_BDI	2011	4	0.8
Poellabauer, Christian. "Range-free localization techniques." <i>The Art of Wireless Sensor Networks</i> . Springer Berlin Heidelberg, 2014. 353-384. http://link.springer.com/chapter/10.1007/978-3-642-40009-4_11	4		3	BDI	R_BDI	2014	5	0.8
Schmitz, Johannes, Rudolf Mathar, and Dominik Dorsch. "Compressed time difference of arrival based emitter localization." <i>Compressed Sensing Theory and its Applications to Radar, Sonar and Remote Sensing (CoSeRa)</i> , 2015 3rd International Workshop on. IEEE, 2015. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=44&SID=Y29j68mUsOPHyQEKLqL&page=1&doc=1	8		2	WoK	C_ISI	2015	6	1.6

Huie-Seversky, Lauren M. Localization under Adversary Misdirection. AIR FORCE RESEARCH LAB ROME NY INFORMATION DIRECTORATE, 2014. http://scholar.google.ro/scholar_url?url=http%3A%2F%2Fwww.dtic.mil%2Fcgi-bin%2FGetTRDoc%3FAD%3DADA611846&hl=ro&sa=T&oi=gga&ct=gga&cd=6&ei=hNYVWJeJECiSjAG-pZjIAg&scsig=AAGBfm0mA3NCqZkfEgRcqJLRiaCQ7ChkA&noss=1&ws=1225x908	0		0	Report		2014		0
Jamali-Rad, H. (2014). Sparsity-Aware Wireless Networks: Localization and Sensor Selection (Doctoral dissertation, TU Delft, Delft University of Technology). http://www.narcis.nl/publication/RecordID/oai:tudelft.nl:uuid%3A9df0aca7-a587-413e-b18f-07bcd7e608b9	0		0	Dissertation		2014		0
Shi, Hailong, Hao Zhang, and Xiqin Wang. "A TDOA technique with Super-Resolution based on the Volume Cross-Correlation Function." (IEEE Transactions on Signal Processing (Volume: 64 , Issue: 21 , Nov.1, 1 2016)). http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=46&SID=Y29j68mUsOPHyQEklqL&page=1&doc=1	8		5	WoK	R_ISI	2016	7	1.6
Gao, Weihang, Linsheng Huo, Hongnan Li, and Gangbing Song. "An embedded tubular PZT transducer based damage imaging method for two-dimensional concrete structures." IEEE Access 6 (2018): 30100-30109. https://apps-webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=30&SID=C4insIGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	8		5	WoK	R_ISI	2018	8	1.6
Zhang, Tie-Nan, Xing-Peng Mao, Chun-Lei Zhao, and Jian-Xin Liu. "A novel grid selection method for sky-wave time difference of arrival localisation." IET Radar, Sonar & Navigation (2018). https://apps-webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=31&SID=C4insIGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	8		5	WoK	R_ISI	2018	9	1.6
Zhang, Tie-Nan, Xing-Peng Mao, Chun-Lei Zhao, and Jian-Xin Liu. "A novel grid selection method for sky-wave time difference of arrival localisation." IET Radar, Sonar & Navigation 13, no. 4 (2019): 538-549. https://www.webofscience.com/wos/woscc/full-record/WOS:000462871300006	8		5	WoK	R_ISI	2019	10	1.6
Zhang, Tie-Nan, et al. "An Improved Grid-Search Method for the Identity-Test of Ionosphere-Layer Virtual Heights via TDOA Measurements." IEEE Access 7 (2019): 92861-92870. https://www.webofscience.com/wos/woscc/full-record/WOS:000477864400174	8		5	WoK	R_ISI	2019	11	1.6
Huie, Lauren M., and Mark L. Fowler. "Biased Estimation for Source Localization in Fault Tolerant Networks." 2020 International Conference on Computing, Networking and Communications (ICNC). IEEE, 2020. https://ieeexplore.ieee.org/abstract/document/9049725/	4		1	BDI	C_BDI	2011	12	0.8

Lista de lucrări pe categorii/ani

Iunie, 2021

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj Autoevaluare CComsa	Categorii	Categorii Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2007.1. C. R. Comsa, J. Luo, A. M. Haimovich, and S. Schwartz, "Wireless Localization using Time Difference of Arrival in Narrow-Band Multipath Systems," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, ISSCS 2007, vol. 2, pp. 469 - 472, Iași, Romania, 12-13 July 2007. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=86&SID=X2r7zBgbyb6mGNzwhuX4&page=1&doc=1	0.25	4	69	WoK	WoK	2007	23	39
Lucrări ce ne citează	Punctaj categorii			Categorii	Categorii	An	Nr. Crt.	Punctaj Citări
Li, Shuai, and Feng Qin. "A dynamic neural network approach for solving nonlinear inequalities defined on a graph and its application to distributed, routing-free, range-free localization of WSNs." Neurocomputing 117 (2013): 72-80. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=50&SID=X2r7zBgbyb6mGNzwhuX4&page=1&doc=1	8		5	ISI	R_ISI	2013	1	2
Liang, Qilian, et al. "TDoA for passive localization: underwater versus terrestrial environment." IEEE Transactions on Parallel and Distributed Systems 24.10 (2013): 2100-2108. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=53&SID=X2r7zBgbyb6mGNzwhuX4&page=1&doc=1	8		5	ISI	R_ISI	2013	2	2
El Sayr, Eldai. Learning based hyperbolic position bounding in wireless networks. Diss. CARLETON UNIVERSITY Ottawa, 2009. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690	0		0	Disertație		2009		0
Chen, Xiao, Neil C. Rowe, and Gurminder Singh. "Improving localization accuracy using spatio-temporal information of objects." Communications (ICC), 2010 IEEE International Conference on. IEEE, 2010. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=56&SID=X2r7zBgbyb6mGNzwhuX4&page=1&doc=1	8		0	WoK	C_ISI	2010	3	2
Chen, Xiao, et al. "Improving the localization accuracy of targets by using their spatial-temporal relationships in wireless sensor networks." Journal of Parallel and Distributed Computing 72.8 (2012): 1008-1018. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=58&SID=X2r7zBgbyb6mGNzwhuX4&page=1&doc=1	8		5	ISI	R_ISI	2012	4	2

Liang, Qilian, and Sherwood W. Samn. "UAV-based passive geolocation based on channel estimation." 2010 IEEE Globecom Workshops. IEEE, 2010. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=61&SID=X2r7zBgyb6mGNzwhuX4&page=1&doc=1	8		0	WoK	C_ISI	2010	5	2
Rowe, Neil C., Xiao Chen, and Gurminder Singh. "Improving Localization Accuracy using Spatio-Temporal Information of Objects." 2010 IEEE International Conference on Communications, Cape Town, SOUTH AFRICA, MAY 23-27, 2010 https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=63&SID=X2r7zBgyb6mGNzwhuX4&page=1&doc=1	8		0	WoK	C_ISI	2010	6	2
Nikolaou, Iliana, and Spyros Denazis. "Positioning in Wi-Fi Networks." University of Patras, Patras (Greece). https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690	4		0	BDI	C_BDI	2008		1
Shahabi, Paria, et al. "Adaptive Line Enhancement for Improved Uplink Time Difference of Arrival Localization." Modern Applied Science 5.5 (2011): 204. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690	4		3	BDI	R_BDI	2011	7	1
Tung, David. Characterizing Errors in RF Time of Flight Ranging Systems: A Simulation Approach. 2010. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.374.232&rep=rep1&type=pdf	4		0	BDI	R_BDI	2010	8	1
Thi, Ha Nguyen, and Khanh Ngo Tan Vu. "A positioning algorithm in the Internet of Things." 2016 Eighth International Conference on Ubiquitous and Future Networks (ICUFN). IEEE, 2016. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690	4		1	BDI	C_BDI	2016	9	1
Thi, Ha Nguyen, and Khanh Ngo Tan Vu. "A New Wireless Indoor Localization Algorithm." International Journal of Computer Science and Telecommunications [Volume 6, Issue 6, June 2015] https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://www.ijcst.org/Volume6/Issue6/p3_6_6.pdf	4		3	BDI	R_BDI	2015	10	1
Amossé, Antoine, Ioannis Lambadaris, and Jérôme Talim. "Sensor Nodes Localization Algorithm in Noisy Environments." Sensor Technologies and Applications, 2009. SENSORCOMM'09. Third International Conference on. IEEE, 2009. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=68&SID=X2r7zBgyb6mGNzwhuX4&page=1&doc=1	8		0	WoK	C_ISI	2009	11	2
Kulkarni, Abhishek Arunkumar. SELF-LOCALIZATION OF TARGET NODES USING OPPORTUNISTIC. Diss. Auburn University, 2016. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://etd.auburn.edu/handle/10415/5195	0		0	Disertație		2016		0
Saleem, Fasiha, and Shurjeel Wyne. "Wlan-Based Indoor Localization Using Neural Networks." Journal of Electrical Engineering 67.4 (2016): 299-306. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 https://www.degruyter.com/view/j/jee.2016.67.issue-4/jee-2016-0044/jee-2016-0044.xml	4		3	BDI	R_BDI	2016	12	1

Khalajmehrabadi, Ali, Nikolaos Gatsis, and David Akopian. "Modern WLAN Fingerprinting Indoor Positioning Methods and Deployment Challenges," IEEE Communications Surveys & Tutorials (Volume: 19 , Issue: 3 , thirdquarter 2017). https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 https://arxiv.org/pdf/1610.05424.pdf	8		5	WoK	R_ISI	2017	13	2
Khalajmehrabadi, Ali, et al. "A Joint Indoor WLAN Localization and Outlier Detection Scheme Using LASSO and Elastic-Net Optimization Techniques." IEEE Transactions on Mobile Computing (Volume: 16 , Issue: 8 , Aug. 1 2017). https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 https://arxiv.org/pdf/1610.05419.pdf https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=2&SID=C4insIGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	8		5	WoK	R_ISI	2017	14	2
Zhang, Kaisheng, Mei Wang, Bangyang Wei, and Daniel Jian Sun. "Identification and Prediction of Large Pedestrian Flow in Urban Areas Based on a Hybrid Detection Approach." Sustainability 9, no. 1 (2016): 36. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 https://www.mdpi.com/2071-1050/9/1/36 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=C4insIGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	8		5	WoK	R_ISI	2016	15	2
Schmidt, Erick, Misbahuddin A. Mohammed, and David Akopian. "A Performance Study of a Fast-Rate WLAN Fingerprint Measurement Collection Method." IEEE Transactions on Instrumentation and Measurement 99 (2018): 1-9. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 https://ieeexplore.ieee.org/abstract/document/8341949 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=4&SID=C4insIGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	8		5	WoK	R_ISI	2018	16	2
Kulkarni, Abhishek. "Self-Localization of Target nodes using Opportunistic communication with reference nodes, Statistical Time-Of-Arrival, Grid Method, Linear Matrix Inequality and Center-Of-Gravity." (2016). https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 http://etd.auburn.edu/handle/10415/5195	0		0	Disertație		2016		0
Akopian, David, Ali Khalajmehrabadi, and Nikolaos Gatsis. "Introduction to WLAN-Based Indoor Positioning of Mobile Devices." Electronic Imaging, Mobile Devices and Multimedia: Enabling Technologies, Algorithms, and Applications, no. 6 (2017): 5-14(10). https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690	4		3	BDI	R_BDI	2017	17	1
Arif, Mohammad, Shurjeel Wyne, and Syed Junaid Nawaz. "Indoor Localization using Voronoi Tessellation." Advances in Electrical and Computer Engineering 18, no. 4 (2018): 85-91. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=16945649765108813690 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=11&SID=C4insIGbxA7oOdegzip&page=1&doc=3&cacheurlFromRightClick=no	8		5	WoK	R_ISI	2018	18	2

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Lista de lucrări pe categorii/ani

Februarie, 2026

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj Autoevaluare CComsa	Categorie	Categorie Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2003.1. C. R. Comsa and I. Bogdan, "System level design of baseband OFDM for wireless LAN," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, SCS 2003, vol. 1, pp. 313 – 316, Iași, Romania, 10-11 July 2003. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=98&SID=X2r7zBgbyb6mGNzwhuX4&page=1&doc=1	0.25	2	0	WoK	WoK	2003	0	2
Lucrarări ce ne citează https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=4066357992995393081&as_sdt=5	Punctaj total acordat			Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
Acharya, Bibhudendra, and Sarat Kumar Patra. "Effects of Fixed Point FFT on the Performance of OFDM in Wireless LAN." (2008). http://dSPACE.nitrkl.ac.in/dSPACE/handle/2080/640	4		0	BDI	C_BDI	2008		2
Wang, Michael Mao, et al. "System and method for time diversity." U.S. Patent No. 7,583,584. 1 Sep. 2009.	0		0	Patent		2009		0
Wang, Michael Mao. "Methods and apparatus for configuring a pilot symbol in a wireless communication system." U.S. Patent No. 8,391,410. 5 Mar. 2013.	0		0	Patent		2013		0
Wang, Michael Mao, et al. "System and method for frequency diversity." U.S. Patent No. 8,189,539. 29 May 2012.	0		0	Patent		2012		0
Wang, Michael Mao. "Method and apparatus for communicating network identifiers in a communication system." U.S. Patent No. 9,042,212. 26 May 2015.	0		0	Patent		2015		0
Wang, Michael Mao, et al. "System and method for modulation diversity." U.S. Patent No. 9,003,243. 7 Apr. 2015.	0		0	Patent		2015		0
Wang, Michael Mao, et al. "System and method for frequency diversity." U.S. Patent No. 9,246,728. 26 Jan. 2016.	0		0	Patent		2016		0

Lista de lucrări pe categorii/ani

Februarie, 2026

Lucrare	Factor impact (echiv.)	Nr. Autori	Punctaj POB.08-A1.3 Ccomsa	Punctaj Autoevaluare CComsa	Categorie	Categorie Autoevaluare	An	Nr. Citări (cărți, ISI, BDI)	Punctaj Citări
2003.2. I. Bogdan and C. R. Comsa, "Analysis of circular arrays as smart antennas for cellular networks," in the Proceedings of the IEEE International Symposium on Signals, Circuits and Systems, SCS 2003, vol. 2, pp. 525 – 528, Iași, Romania, 10-11 July 2003. http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=100&SID=X2r7zBgyb6mGNzwhuX4&page=1&doc=1	0.25	2	16.25	89	WoK	WoK	2003	25	78
Lucrări ce ne citează	Punctaj categorie				Categorie	Categorie	An	Nr. Crt.	Punctaj Citări
Dessouky, Moawad Ibrahim, Hamdy A. Sharshar, and Yasser Attia Albagory. "Efficient sidelobe reduction technique for small-sized concentric circular arrays." Progress In Electromagnetics Research 65 (2006): 187-200. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 http://pier.org/PIER/pier65/14.06092503.DS.Albagony.pdf https://www.webofscience.com/wos/woscc/full-record/WOS:000243206600014	8			5	ISI	R_ISI	2006	1	4
Dessouky, Moawad, Hamdy Sharshar, and Yasser Albagory. "A novel tapered beamforming window for uniform concentric circular arrays." Journal of Electromagnetic Waves and Applications 20.14 (2006): 2077-2089. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 https://www.webofscience.com/wos/woscc/full-record/WOS:000243593900016	8			5	ISI	R_ISI	2006	2	4
Dessouky, Moawad Ibrahim, Hamdy A. Sharshar, and Yasser Attia Albagory. "Optimum normalized-Gaussian tapering window for side lobe reduction in uniform concentric circular arrays." Progress In Electromagnetics Research 69 (2007): 35-46. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 https://www.webofscience.com/wos/woscc/full-record/WOS:000246722500003	8			5	ISI	R_ISI	2007	3	4
Dessouky, Moawad, Hamdy Sharshar, and Yasser Albagory. "Improving the cellular coverage from a high altitude platform by novel tapered beamforming technique." Journal of Electromagnetic Waves and Applications 21.13 (2007): 1721-1731. https://www.webofscience.com/wos/woscc/full-record/WOS:000250206800001	8			5	ISI	R_ISI	2007	4	4
Albagory, Yasser Attia, Moawad Dessouky, and Hamdy Sharshar. "An approach for low sidelobe beamforming in uniform concentric circular arrays." Wireless Personal Communications 43.4 (2007): 1363-1368. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 https://www.webofscience.com/wos/woscc/full-record/WOS:000251644900027	8			5	ISI	R_ISI	2007	5	4

Mandal, Durbadal, Sakti Prasad Ghoshal, and Anup Kumar Bhattacharjee. "Optimized radii and excitations with concentric circular antenna array for maximum sidelobe level reduction using wavelet mutation based particle swarm optimization techniques." Telecommunication Systems 52.4 (2013): 2015-2025. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=25&SID=X2r7zBgYb6mGNzwhuX4&page=1&doc=1	8			5	ISI	R_ISI	2013	6	4
Nofal, Mostafa, Sultan Aljahdali, and Yasser Albagory. "Tapered beamforming for concentric ring arrays." AEU-International Journal of Electronics and Communications 67.1 (2013): 58-63. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=28&SID=X2r7zBgYb6mGNzwhuX4&page=1&doc=1	8			5	ISI	R_ISI	2013	7	4
Dessouky, Moawad, H. Sharshar, and Y. Albagory. "An approach for Dolph-Chebyshev uniform concentric circular arrays." Journal of Electromagnetic Waves and Applications 21.6 (2007): 781-794. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 https://www.webofscience.com/wos/woscc/full-record/WOS:000246236000007	8			5	ISI	R_ISI	2007	8	4
Aljahdali, Sultan, Mostafa Nofal, and Yasser Albagory. "A modified array processing technique based on Kaiser window for concentric circular arrays." Multimedia Computing and Systems (ICMCS), 2012 International Conference on. IEEE, 2012. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 https://www.webofscience.com/wos/woscc/full-record/WOS:000310353000086	8			2	WoK	C_ISI	2012	9	4
Sengupta, Abhronil, et al. "A multi-objective memetic optimization approach to the circular antenna array design problem." Progress In Electromagnetics Research B 42 (2012): 363-380. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131	4			5	BDI	R_ISI	2012	10	2
Li, Yunhong. Broadband beamforming and direction finding using concentric ring array. Diss. University of Missouri--Columbia, 2005. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131	0			0	Disertație		2005		0
Pal, Siddharth, et al. "Concentric circular antenna array synthesis using a differential invasive weed optimization algorithm." Soft Computing and Pattern Recognition (SoCPaR), 2010 International Conference of. IEEE, 2010. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131	4			1	BDI	C_BDI	2010	11	2
Nofal, Mostafa, Sultan Aljahdali, and Yasser Albagory. "Simplified Sidelobe Reduction Techniques for Concentric Ring Arrays." Wireless personal communications 71.4 (2013): 2981-2991. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=38&SID=X2r7zBgYb6mGNzwhuX4&page=1&doc=1	8			5	ISI	R_ISI	2013	12	4
Biswas, Subhodip, et al. "Decomposition-based evolutionary multi-objective optimization approach to the design of concentric circular antenna arrays." Progress In Electromagnetics Research B 52 (2013): 185-205. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131	4			3	BDI	R_BDI	2013	13	2
Gunasekaran, T., and KR SHANKAR KUMAR. "MODIFIED CONCENTRIC CIRCULAR MICROSTRIP ARRAY CONFIGURATIONS FOR WiMAX BASE STATIONS." Journal of Theoretical & Applied Information Technology 12 (2010). https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131	4			3	BDI	R_BDI	2010	14	2

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Balaban, M. V., and A. V. Somov. "INCREASING THE DIRECTIVITY OF A CIRCULAR ANTENNA ARRAY." Telecommunications and Radio Engineering 74.13 (2015). https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131	4			3	BDI	R_BDI	2015	17	2
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Ramya, M., V. Parthipan, and M. Yogadeepan. "Certain Investigations on Edge Fed Microstrip Patch Array Antenna for WiMAX Applications." Asian Journal of Electrical Sciences 4.1 (2015): 1-7. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131	4			3	BDI	R_BDI	2015	19	2
Albagory, Yasser. "Performance of circularly masked planar arrays." AEU-International Journal of Electronics and Communications 70.4 (2016): 482-490. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=48&SID=X2r7zBgyb6mGNzwhuX4&page=1&doc=1	8			5	ISI	R_ISI	2016	20	4
Liu, Chunsheng, Jin Cai, Zhongrui Huang, Xiaoping Wang, and Shiwa Chen. "Pattern synthesis of sparse concentric circular array based on the niche genetic algorithm." In 2017 IEEE 9th International Conference on Communication Software and Networks (ICCSN), pp. 906-911. IEEE, 2017. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=27&SID=C4insIGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	8			2	WoK	C_ISI	2017	21	4
Azad, Ankit Kumar, Amrita Jena, Anumodita Mishra, Richa Singh, and Bhargav Appasani. "Optimization of Concentric Circular Arrays Using a Crossover Improved Genetic Algorithm." In 2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT), pp. 1787-1790. IEEE, 2018. https://scholar.google.ro/scholar?oi=bibs&hl=ro&cites=9599437042388255131 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=GeneralSearch&qid=28&SID=C4insIGbxA7oOdegzip&page=1&doc=1&cacheurlFromRightClick=no	8			2	WoK	C_ISI	2018	22	4
Reciou, Abdelmadjid. "Concentric Ring Arrays Optimization Using the Spiral Inspired Technique." (2018). https://ajss.dz/index.php/ajss/article/view/55	4			3	BDI	R_BDI	2018	23	2

ABOUD, Abdullah H., and Mohammed Z. Mohammed. "Sidelobes Reduction Method in Circular Antenna Array." International Journal of Engineering and Innovative Technology (IJEIT) Volume 7. https://www.researchgate.net/profile/Mohammed-Mohammed-Fwzi/publication/364752098_Sidelobes_Reduction_Method_in_Circular_Antenna_Array/links/635942268d4484154a38c106/Sidelobes-Reduction-Method-in-Circular-Antenna-Array.pdf	4			3	BDI	R_BDI	2020	24	2
Tejasri, Mangaraju, Balla Prasanth, Bantu Nithin, Gandepalli Pushpa Kiran, Chukka Ramya Madhuri Devi, and V. V. S. S. S. Chakravarthy. "Circular Antenna Array Optimization using Marine Predator Algorithm." In 2025 IEEE Wireless Antenna and Microwave Symposium (WAMS), pp. 1-4. IEEE, 2025. https://doi.org/10.1109/WAMS64402.2025.11158184	4			1	BDI	C_BDI	2025	25	2

A3.2-A3.3 Membru in colectivele de redactie sau comitete stiintifice al revistelor, organizator de manifestări științifice

Nr.crt.	Poziția	Punctaj
A3.2 ISI		
1	Guest Editor Special Issue Vehicular Sensing for Improved Urban Mobility, Sensors, https://www.mdpi.com/journal/sensors/special_issues/5114L2PB0L	10
2	Guest Editor Special Issue Vehicular Sensing for Improved Urban Mobility: Second Edition, Sensors, https://www.mdpi.com/journal/sensors/special_issues/3ENVB8G573	10
3	Guest Editor Special Issue Advanced Technologies in 5G/6G-Enabled IoT Environments and Beyond, Sensors, https://www.mdpi.com/journal/sensors/special_issues/11W4HP32M2	10
A3.3 BDI		
1	15-th International Symposium on Signals, Circuits and Systems. ISSCS 2021, Co-organizer Special Session CONSENSUM - Communication and Sensing in Connected and Autonomous Vehicles' Environment, https://scs.etti.tuiasi.ro/isscs2021/pdfs/CONSENSUM_Description.pdf	6
2	17-th International Symposium on Signals, Circuits and Systems. ISSCS 2025, Chair sseesion Communications II, https://scs.etti.tuiasi.ro/isscs2025/technical_program.html	6

TOTAL A3.2-A3.3	42
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A3.4 Premii în domeniu

Nr.crt.	Premiu	Punctaj
A3.4 Premii internaționale de prestigiu		
1	Elected on 23rd of November 2024 to the grade of Senior Member of the IEEE Professional Association	15
TOTAL A3.4		15

216
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Nr. crt.	Autor/Titlu	Nr. Ex.
1	Comșa, C. – R., "Comunicații Digitale"	5
2	Comșa, C. – R., "Source Localization via Time Difference of Arrival"	5
3	Comșa, C. – R., "Rețele WLAN - OFDM și Legătura de Date"	5
4	Comșa, C. – R., "Comunicații Mobile – Îndrumar de Laborator - "	5
5		
6		
7		

Publicațiile au fost înregistrate în evidențele bibliotecii.

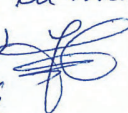
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Director Bibliotecă,
Ing. Lăcrămioara Chirieac

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Director Bibliotecă
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ADEVERINȚĂ

La solicitarea domnului Conf.dr.ing. Ciprian-Romeo COMȘA, Facultatea de Electronică, Telecomunicații și Tehnologia Informației, confirmăm prin prezenta derularea prin TUIASI a contractelor de cercetare prezentate mai jos:

Nr crt	Calitate solicitant	Titlu	Numar contract	Valoare TUIASI LEI	Anul	Director/ Responsabil proiect
1	Director proiect	Aplicații de test ale rețelelor inteligente subsecvente tehnologiei 5G	PN IV nr.11PHE/2023	15000	2023	Comșa Ciprian Romeo
			UEFISCDI	98531	2024	
			Total	113531		
2	Director proiect	Centru pentru Antreprenoriat în sectorul digital (CEASed)	Grant intern tip top-down GI-TD-DigitAll-10	59400	2022	Comșa Ciprian Romeo
3	Director proiect	Sistem wireless pentru aplicații de siguranță în intersecții inteligente	PN III nr.407PED/2020	92076	2020	Comșa Ciprian Romeo
			UEFISCDI	360674	2021	
				147250	2022	
				Total	600000	
4	Director proiect	Modelarea, implementarea și evaluarea performanțelor unui receptor OFDM în sistemele de comunicații de mare viteză	GR 33371/2004, tema 96, cod 171	50000000	2004	Comșa Ciprian Romeo
			Act Ad. nr. 39062/2005, la ctr. 33371/2004, tema 58, cod 171	5000	2005	
			Act Ad. la ctr. 33371/2004 si 27637/2005 TD/GR 164/2006 tema 90, cod 171	5000	2006	
5	Director proiect	Cross-Border Interconnected Mobile Networks for Education and Innovation - CONNECTINNO	Programul Interreg NEXT Romania - Republica Moldova ROMD 00495	2403905	2025-2027	Comșa Ciprian Romeo
6	Director proiect	EA&IA@SAS TUIASI- Educatie, Antreprenoriat si Inteligenta Artificiala in SAS TUIASI.	CNFIS-FDI-2025-F-0597	263000	2025	Comșa Ciprian Romeo
7	Director proiect	Trials supported by Smart Networks beyond SG – TrialsNet	HORIZON-JU- SNS-2022-101095871	1595698	2022-2025	Comșa Ciprian Romeo
8	Director proiect	Continuum of trust: Increased path agility and trustworthy device and service provisioning – CASTOR	HORIOZN -CL3-2023-CS-01-101167904	933075	2024-2027	Comșa Ciprian Romeo

Nr crt	Calitate solicitant	Titlu	Numar contract	Valoare TUIASI LEI	Anul	Director/ Responsabil proiect
9	Membru	Healthtech conect-tehnologie si inovare in sanatate	PN IV 5FTT/2025	291312	2025	Alexa Lidia
10	Membru	Aplicație SW pentru intersecții inteligente (ASIST)	GRANT INTERN ARUT GNaC2023_288/2024	49771	2024-2025	Alecsandrescu Iolanda
11	Membru	Testare soluție localizare indoor 5G Ericsson	Ctr. tip agent economic nr. 29547/ 25.08.2023 Benef: Orange Romania SA	49339 (fără TVA)	2023	Chiriac Vlad Mihai
12	Membru	Centrul de inovare în comunicații digitale avansate (IoT&5G)	Grant intern tip top-down GI-TD-DigitAll-2	96525	2022	Bozomitu Radu Gabriel
13	Membru	Noi algoritmi pentru antene adoptive/inteligente în sisteme de comunicații 3G și post 3G-SMANT	PN II ctr. nr. 11-026/2007 UEFISCDI Total	27000	2007	Ion Bogdan
				257738	2008	
				128043	2009	
				64052	2010	
				476833		
14	Membru	Noi arii sistolice cu performanțe îmbunătățite și cost redus pentru implementarea VLSI a transformatelor discrete DCT și DST bazate pe noi algoritmi VLSI și utilizarea memoriilor ROM multiport	Act Ad. 2735GR/2006 GR tip A, tema 3, cod 235	10000	2006	Chiper Florin
15	Membru	Dezvoltarea de noi algoritmi de codare a datelor pentru creșterea securității și asigurarea integrității informațiilor transmise în rețelele de comunicații digitale	GR 27637/2005, tema 51, cod 551	12000	2005	Scripcariu Luminita
16	Membru	Metode inteligente de proiectare și control pentru convertoare electronice de putere performante în vederea asigurării calității energiei electrice	GR 27637/2005, tema 54, cod 566	10000	2005	Sirbu Adriana
17	Membru	Cercetări privind diversificarea și creșterea calității serviciilor de comunicații mobile	GR 27637/2005, tema 9, cod 415	13500	2005	Bogdan Ion
			Act Ad. la ctr. 33371/2004 si 27637/2005 A1/GR 164/2006 tema 12, cod 415	13500	2006	
			Act Ad la ctr. 164/2006, GR 80/2007, tema 5, cod 415	12000	2007	

Nr crt	Calitate solicitant	Titlu	Numar contract	Valoare TUIASI LEI	Anul	Director/ Responsabil proiect
18	Membru	Sisteme de acces 4G – bluetooth cu aplicații la realizarea de rețele personale la domiciliu	Colaborare INFOSOC 134/2004	118598000	2004	Bogdan Ion
				24000	2005	
				12000	2006	
19	Membru	Proiectare VLSI a circuitelor de predicție de mare viteză	GR tip At, nr. 33557/2003 tema 63, cod 358	36000000	2003	Stoica Lucian
			GR 33371/2004, tema 87, cod 358	85000000	2004	
20	Membru	Modelarea porților logice CMOS submicronice cu sarcini linii de transmisie pentru simularea cu evenimente discrete și evaluarea performanțelor circuitelor VLSI de mare viteză	GR tip At, nr. 33557/2003 tema 54, cod 323	36000000	2003	Burdia Danut
			GR 33371/2004 tema 79, cod 323	85000000	2004	
21	Membru	Sistem de telecomandă și control a întrerupătorilor din stațiile de transformare din rețeaua electrică la distribuție pe medie tensiune	Colab la Proiect RELANSIN ctr. 1733/2003 SC TEHNOTON SA TUIASI ctr. nr. 2497/2003	217849000	2003	Nedelcu Dumitru
				152369000	2004	
				18411,38	2005	
22	Membru	DIGITALin TUIASI- Acces direct prin Internationalizare Digitala	CNFIS-FDI- 2018-0006	380000	2018	Lungu Irina
23	Membru	DO IT&C ASACHI	POCU/6.13/6.14-107847	1755146	2018-2020	Tarniceriu Daniela
24	Membru	Dezvoltarea culturii antreprenoriale a studentilor de la inginerie si arhitectura prin crearea unei retele de centre de pregatire in antreprenoriati- Antreprenoring.	POCU/379/6/21/123975/	7888735	2019-2021	Seghedin E. Neculai
25	Membru	ITRANSFER- Internationalizare prin Cunoastere Transferabila si Vizibilitate	CNFIS-FDI- 2022-0021	407000	2022	Lungu Irina
26	Membru	DigitAll@TUIASI – Transformare digitala pentru profesiile viitorului	Programul National de Redresare si Rezilienta (PNRR) 2021-2027-109535328	27567039	2022-2025	Caraiman Simona
27	Membru	Antreprenoriati, Tehnologie si Inovatie Sociala in SAS TUIASI - ATIS@SAS TUIASI	CNFIS-FDI-2024-F-0491	325000	2024	Istrate Cristiana

Nr crt	Calitate solicitant	Titlu	Numar contract	Valoare TUIASI LEI	Anul	Director/ Responsabil proiect
28	Membru	Fostering sustainable digital innovation investment - SustainX	UE-EISMEA Agency- Interregional Innovation Investments (I3) - Apel I3-2023-Cap2b-101180410	697098	2025-2026	Alexa Lidia
29	Membru	HUB Roman de Inteligenta Artificiala – RO AI Hub	PCDIF 2021-2027-334906	15290682	2025-2029	Manta Vasile
30	Membru	Alliance of European UniversDezities – INGENIUM	ERASMUS- EDU-2022-EUR- UNIV/ERAS-MUS2027-101090042	5499404	2022-2026	Lungu Irina
31	Membru	Digital Innovation Zone EDIH Manufacturing & Smart health for better business, life and health in the North East Romania Region - e-DIH-DIZ	Programul Crestere Inteligenta,Digitalizare si Instrumente Financiare (POCIDIF) 2021-2027 - 161826	3205547	2023-2025	Caraiman Simona
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