

FIȘA DE VERIFICARE
 a îndeplinirii standardelor de prezentare la concursul pentru Profesor Universitar
Candidat: Conf . Hab. Dr. Ing. Ionescu Octavian Narcis

Condiții minimale -Profesor

Nr.crt.	Domeniul de activitate	Punctaj impus	Punctaj realizat	Criteriu îndeplinit(DA/NU)
A1	Activitate didactică / profesională (A1)	100	119.247	DA
A2	Activitatea de cercetare (A2)	600	948.874	DA
A3	Recunoașterea impactului activității (A3)	150	259.881	DA
TOTAL (A)		850	1328.002	DA

Condiții minimale obligatorii pe subcategorii

Criteriu / condiție pe subcategorii		Habilitare-Profesor	Realizat	Îndeplinit
A1.1.1 – A1.1.2	Cărți de specialitate	1 carte	2 carti / 2 capitole	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 ¹⁰	55 (2Q1, 12 Q2)	DA
A2.4.1.	Granturi / proiecte de cercetare câștigate prin competiție (Director / Responsabil partener)	4	8	DA
A3.1.1	Număr de citări în cărți, reviste cotate ISI și volume ale unor manifestări științifice ISI (WOS) ¹¹	25	187 în reviste / manifestări ISI	DA
	Factor de impact ISI cumulat pentru publicații ¹²	10	88.5170	DA

Se vor trece pentru fiecare criteriu (din standardele impuse) toate lucrările, cu precizarea punctajului care revine candidatului pentru fiecare lucrare și a tuturor informațiilor privind lucrările: autorii, titlul lucrării, titlul revistei/cărții, anul, volumul, numărul, pagina la care începe articolul și pagina la care se termină articolul, nr. pagini carte, editura la care a fost publicată cartea, instituția care a acordat brevetul, ISSN/ISBNetc.

1. Studiile de doctorat

Nr. crt.	Instituția organizatoare de doctorat	Domeniul	Perioada	Titlul științific acordat
1.	Universitatea Petrol-Gaze din Ploiești	Automatica	03.10.1999 – 18.05.2005	Doctor

2. Îndeplinirea standardelor minimale de prezentare pentru postul de profesor universitar, conform OMENCS nr. 6129/20.12.2016, publicat în M. Oficial, Partea I, nr. 123 bis /15.02.2017

Domeniul activităților	Categorii și restricții		Subcategorii		Indicatori (kpi)	Punctaj
1	2		3		4	X
Activitatea didactică și profesională (A1)	Cărți de autor sau capitole ¹ de specialitate în edituri cu ISBN	Cărți / monografii	A1.1.1	internaționale	50/nr. de autori sau 100/nr. de autori cu condiția ²	
				1. Ionescu, O., Dumitru V., Pricop E., Pircalabu S., <i>Innovative Hardware-Based Cybersecurity Solutions</i> , capitol publicat în Pricop E., Fattahi J., Dutta N., Ibrahim M. (Eds.) <i>Recent Developments on Industrial Control Systems Resilience</i> , Seria <i>Studies in Systems, Decision and Control</i> , vol 255, Editura Springer Nature Switzerland AG, Cham, Switzerland, ISBN: 978-3-030-31327-2, 2020, pag. 283-299, DOI: https://doi.org/10.1007/978-3-030-31328-9_12	N.aut. = 4 Kp = 100 Capitol = ¼ (World Cat 111 biblioteci)	6.25

¹ Capitolul de carte editată trebuie să NU fie într-un volum de conferință (cu ISBN) și se punctează cu 1/4 din punctajul pentru cartea din categoria respectivă.

² Dacă cartea respectivă se regăsește în cel puțin 50 de biblioteci din străinătate conform catalogului WorldCat.

³ Se consideră factorul de impact ISI al revistei valabil în anul publicării sau la data depunerii dosarului. Pentru volumele manifestărilor ISI se consideră factorul de impact echivalent 0.25. Pentru volumele conferințelor internaționale de top în domeniul de abilitare se consideră factorul de impact echivalent 0.75;

⁴ Pentru domeniul Inginerie Electronica, Telecomunicații și Tehnologii Informaționale sunt recunoscute următoarele baze de date internaționale (BDI): ISI, Scopus, IEEE (Institute of Electrical and Electronics Engineers) Xplore, Science Direct, Elsevier, Springerlink, ACM (Association for Computing Machinery), DBLP, EURASIP,

⁵ Se dublează punctajul dacă rezultatul este înregistrat la WIPO, EPO, USPTO, JPO

				2. Șerban, C.S., Bumbac,M., Ionescu, O. , Dumitru, V., Brezeanu, M., Buiu,O., Cornel Cobianu, C., <i>Quantum Dots versus Dyes in Sensitized Solar Cells: Synthesis, Optimization, Performance</i> , In book: Science and applications of Tailored Nanostructures, Publisher: One Central Press, Editors: Professor Paolo Di Sia ISBN (eBook): 978-1-910086-19-3 http://www.onecentralpress.com/science-and-applications-of-tailored-nanostructures/	N,aut. = 7 Kp = 50 Capitol = ¼	1.7857
			A1.1.2	Naționale	50/nr. de autori	
				1. Ionescu, O. <i>Productia de energie electrica din resurse regenerabile</i> – biogaz, Editura Universității Petrol – Gaze din Ploiești, Ploiesti,2022 ISBN 978-973-719-853-2	N aut=1 Kp = 50	50
				2. Dumitrescu, I., Cremenescu, Gh.,Bucur C., Savulescu I., Ianache, C. Orhei, D.,Dinu, O., Georgescu, L.,Mirodotescu, B., Ionescu O. , Teodoroiu, A. <i>Masurari Electronice</i> , Editura AGIR, Bucuresti,2001, ISBN 973-8130-48-4.	N. aut. = 11 Kp = 50	4.5454
	Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A1.2.1		40/ nr. autori	
				1. Ionescu, O. <i>Indrumar laborator microcontrolere</i> , Editura Universității Petrol – Gaze din Ploiești, ISBN 978-973-719-790-0., Ploiesti,2020.	N. aut. = 1 Kp = 40	40
				2. Ionescu, O. (coordonator),Bucur C., Savulescu,I., Cremenescu,Gh., <i>Manual pentru formare electronisti</i> , Editura Universității Petrol – Gaze din Ploiești, 2012,ISBN 978-973-719-413-8, Ploiești, 2012.	N. aut. = 4 Kp = 40	10
				3. Ionescu O. (coordonator),Cremenescu, Gh.,Dinu, O., Orhei, D.,Savulescu, A.,Ioan Savulescu, I., <i>Electronica analogica- indrumar de lucrari practice</i> , Editura Universității Petrol-Gaze din Ploiești, ISBN 978-973-719-486-6 Ploiesti, 2012.	N. aut. = 6 Kp = 40	6.6667
TOTAL A1						119.2478
Activitatea de cercetare (A2)	Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI	A2.1.			(25+30*factor de impact) / nr. de autori	
				1. Pistritu, F ; Gheorghe,; Ion, M; Brincoveanu, O; Romanitan, C; Suchea, MP ; Schiopu, P; Ionescu, ON . On the Development of a New Flexible Pressure Sensor, Published: 29 June 2024 Micromachines 2024, 15(7), 847 eISSN2072-666X; https://doi.org/10.3390/mi15070847 https://www.mdpi.com/2072-666X/15/7/847	IF = 3 N. aut = 8	14.375
				2. O N Ionescu ; E Franti; V Carbutaru; C Moldovan; S Dinulescu; M Ion; D C Dragomir; C M Mihailescu; I Lascar; A M Oproiu; T P Neagu; R Costea; M Dascalu; M D Teleanu; G Ionescu; R Teleanu, System of Implantable Electrodes for Neural Signal Acquisition and Stimulation for Wirelessly Connected Forearm Prosthesis, Biosensors 2024, Volume 14, Issue 1, 31. https://doi.org/10.3390/bios14010031 WOS:001149201300001 https://www.mdpi.com/2079-6374/14/1/31	IF = 5.4 N. aut = 16 Q1	11.68

			3. Dragomir, D.; Carbutaru., Moldovan, CA; Lascar, I , ; Dontu, O ; Ristoiu, V ; Gheorghe, R ; Oproiu, AM; Firtat, B; Franti, E; Dascalu,M.; Neagu, TP ; Enescu, DM ; Ionescu, O; Ion, M; Mihailescu, C ; Costea, R; Gonciarov, M; Ionescu, G; Dumitru, A; Minca, A; Niculae, C ; Raita, S; Rosca, I; Lazarescu, S; Stoica, C; Teleanu, RI; Teleanu, DM.Biocompatibility Analysis of GelMa Hydrogel and Silastic RTV 9161 Elastomer for Encapsulation of Electronic Devices for Subdermal Implantable Devices, Coatings, Volume13, Issue1, Article Number 19, Published JAN 2023, eISSN: 2079-6412, DOI10.3390/coatings13010019, WOS:000917487200001 https://www.mdpi.com/2079-6412/13/1/19	IF = 3,236 N. aut = 28	2.18
			4. Tudose, I., Mouratis, K., Ionescu, O., Romanitan, C., Pachiu, C.,Tutunaru O, Suche, M., Koudoumas, E; <i>Comparative Study of Graphene Nanoplatelets and Multiwall Carbon Nanotubes-Polypropylene Composite Materials for Electromagnetic Shielding, Nanomaterials</i> 2022, 12(14), 2411; e ISSN 2079-4991 https://doi.org/10.3390/nano12142411, https://www.mdpi.com/2079-4991/12/14/2411 WOS:00083233800001	IF = 5.719 N. aut = 8 Q2	24.571
			5. Tudose, I., Mouratis, K., Ionescu, O., Romanitan, C., Pachiu, C., Picop E, M., Khomenko, V., Butenko, O., Chernysh, O., Kenanakis, G., Barsukov, V., Suche, M., Koudoumas, E, <i>Carbon Allotropes-Based Paints and Their Composite Coatings for Electromagnetic ShieldingApplications</i>, <i>Nanomaterials</i> 2022, 12(11), 1839; eISSN2079-4991 https://doi.org/10.3390/nano12111839, https://www.mdpi.com/2079-4991/12/11/1839 WOS:000809110600001	IF = 5.719 N. aut = 12 Q2	16.38
			6. Iliescu F, Hong L.T. , Toh JM, , Suche MP, Ionescu O,Iliescu C.<i>Early Notice Pointer, an IoT-like Platform for Point-of-Care Feet and Body Balance Screening</i>, <i>Journals Micromachines</i>, Volume 13, Issue 5, 10.3390/mi13050682, 13(5), 682; https://doi.org/10.3390/mi13050682 (registering DOI)., ISSN: 2072-666X https://www.mdpi.com/2072-666X/13/5/682 WOS:000802457100001	IF = 3,523 N. aut = 6 Q2	21.781
			7. Moldovan C.,Ion. M, Blystad, L., Ohlckers, P., Marchetti, L., Franti, E., Dascalu, M.,, Dobrescu, D., Dobrescu, L., Niculae, C., Dragomir, D., Hønsvall, B., Opris, C., Imenes, K., Ion, A., Pascalau, A., Firtat, B., Ristoiu, V., Gheorghe, R., Barbilian, A., Ionescu, O, Oproiu, M.; <i>Remote Sensing System for Motor Nerve Impulse</i>, <i>SENSORS</i> ; April 2022 22(8):2823 DOI: 10.3390/s22082823 ISSN: 1424-8220 https://www.mdpi.com/1424-8220/22/8/2823 WOS:000786926600001	IF = 4.050 N. aut = 28 Q2	5.232
			8. Pircalabioru, G., Iliescu, F., Mihaescu, G., Cucu, I., Ionescu, O., Popescu, M., Simion, M., Burlibasa, L., Tica, M., Chifiriuc, M., Iliescu, C.,, „<i>Advances in the rapid diagnostic of viral respiratory tract infections</i>” in <i>Frontiers in Cellular and Infection Microbiology</i>, section Clinical Microbiology, Volume12 Article Number807253 DOI10.3389/fcimb.2022.807253 PublishedFEB 10 2022, Indexed2022-03-28 Document Type Review Edited by: Luc BissonnettWOS:00076690960000 eISSN 2235-2988 https://www.frontiersin.org/articles/10.3389/fcimb.2022.807253/full	IF = 6.071 N. aut = 11 Q2	18.83

			WOS:00076690960000		
			9. Tudose, I., Mouratis, K., Ionescu, O., Romanitan, C., Pachiu, C., Popescu, M., Khomenko, V., Butenko, O., Chernysh, O., Kenanakis, G., Barsukov, V., Suchea, M., Koudoumas, E., M. <i>Novel Water-Based Paints for Composite Materials Used in Electromagnetic Shielding Applications</i>; Nanomaterials, 2022, nr 12, 487. ISSN 2079-4991 https://doi.org/10.3390/nano12030487, Nanomaterials Free Full-Text Novel Water-Based Paints for Composite Materials Used in Electromagnetic Shielding Applications (mdpi.com) WOS:000755284900001	IF = 5.719 N. aut = 13 Q2	15.12
			10. Ionescu, O., Cernica, I, Manea, E, Parvulescu, C, Istrate, A, Ionescu, G, Suchea, MP, Integration of Micro-Structured Photovoltaic Cells into the Ultra-Light Wing Structure for Extended Range Unmanned Aerial Vehicles, APPLIED SCIENCES-BASEL, Volume11, Issue22, Article Number10890, DOI10.3390/app112210890, Published NOV 2021, Indexed2021-12-05. WOS:000724409500001 https://www.mdpi.com/2076-3417/11/22/10890 WOS:000724409500001	IF = 2,838 N. aut = 7 Q2	15.734
			11. Bunea, A., Dediu, V., Laszlo, E., Pistritu, F., Carp, M., Iliescu, F., Ionescu, O., Iliescu, C; <i>E-Skin: The Dawn of a New Era of On-Body Monitoring Systems</i>, MICROMACHINES, Volume12, Issue 9, Article Number1091, DOI10.3390/mi12091091, Published SEP 2021, , https://www.mdpi.com/2072-666X/12/9/1091 WOS:000701080700001	IF = 3.523 N. aut = 8 Q2	16.336
			12. Ion, M., Dinulescu, M., Fartat, B., Savin, M., Ionescu, O., Moldovan, C., <i>Design and Fabrication of a New Wearable Pressure Sensor for Blood Pressure Monitoring Sensors</i>, Sensors 2021, 21(6), 2075; https://doi.org/10.3390/s21062075 https://www.mdpi.com/1424-8220/21/6/2075/pdf WOS:000652715000001	IF = 4.050 N. aut = 6 Q2	24.416
			13. Ionescu, O; Cernica, IV; Manea, E; Purica, M; Corneliu, PC ; Paun, C; Alina, P Microtextured photovoltaic cells system for UAVs autonomy extension, 2021 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Page99-102 DOI10.1109/CAS52836.2021.9604168 ISBN 978-1-6654-3571-0 WOS:000853482700018 https://25106bsj2-y-https-ieeeexplore-ieee-org.z.e-nformation.ro/document/9604168	IF = 0.25 N. aut = 7	4.64

		14. Bardeanu, H; Matei, F; Popescu, PA; Ionescu, O ; Jurcoane, S <i>Improving A Biogas Plant Parameters In The Conversion Context Of Replacing The Corn Silo With Agri-Food Wastes</i> <i>scientific Papers-Series E-Land Reclamation Earth Observation & Surveying Environmental Engineering</i> , Volume10, Page17-23, Published2021, Indexed2021-12-18/, http://landreclamationjournal.usamv.ro/pdf/2021/Art2.pdf WOS:000704605600002	IF = 0.25 N. aut = 5	6.5
		15. Paun, C; Tomescu, R; Parvulescu, C; Ionescu, O ; Gavrilă, DE; Cristea, D <i>Microheater optimized for the integration with metasurface-based IR sources for gas sensing application</i> , Romanian Journal Of Information Science And Technology, Volume24, Issue2, Page201-212, Special IssueSI, Published2021, Indexed2021-07-09record/ https://www.romjist.ro/full-texts/paper688.pdf WOS:000668010700005	IF = 0.643 N. aut = 6	7.38
		16. Marinescu, R., Șerban, B., Cobianu, C., Dumbrăvescu, N., Ionescu, O. , Buiu, O., Ghiculescu, L.,. <i>Mechanical Properties Of Carbon-Based Nanocomposites For Sensors Used In Biomedical Applications</i> , U.P.B. Sci. Bull., Series B, Vol. 83, Iss. 1, 2021 ISSN 1454-2331 https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez5ae_106907.pdf WOS:000627764100004	IF = 0.25 N. aut = 7	4.64
		17. Maniadi, A., Vamvakaki, M., Suche, M., Tudose, I., Popescu, M., Romanitan, C., Pachiu, C., Ionescu, O. , Viskadourakis, Z., Kenanakis, G., Emmanouel, K., „ <i>Effect of graphene nanoplatelets on the structure, the morphology and the dielectric behavior of low density polyethylene nanocomposites</i> ” MATERIALS, ISSN 1996-1944 Volume: 13 Issue: 21, Article Number: 4776 DOI: 10.3390/ma13214776 Published: NOV 2020 PubMed ID: 33114722/ eISSN: 1996-1944, https://www.mdpi.com/1996-1944/13/21/4776 WOS:000589393500001	IF = 3.057 N. aut = 11	5.305
		18. Paun, C., Tomescu, R., Cristea, D., Ionescu, O. , Parvulescu, C., „ <i>Design, fabrication and characterization of a micro-heater for metasurface-based gas sensors</i> ”, International Semiconductor Conference (CAS), 2020 Pagine 31-34 DOI: 10.1109/CAS50358.2020.9267975 WOS:000637264600007 https://ieeexplore.ieee.org/abstract/document/9267975	IF = 0.25 N. aut = 5	6.5
		19. Pascu, R., Kusko, M., Ionescu, O. , Pristavu, G., Brezeanu, G., <i>Electrical defects in grown oxide on SiC and from the oxide/SiC interface</i> , International Semiconductor Conference, Book Series International Semiconductor Conference, Page37-40, Published2020, Indexed2021-05-15DOI: 10.1109/CAS50358.2020.9268016 WOS:000637264600008 https://ieeexplore.ieee.org/abstract/document/9268016	IF = 0.25 N. aut = 5	6.5

		20. Blystad,L., Ohlckers, P., Marchetti, L., Franti, E., Dascalu, M.,Ionescu, O., Dobrescu, D., Dobrescu, L., Niculae, C., Dragomir,D., Hønsvall, B., Opris, C., Imenes, K., Ion, A.,Oproiu, M., Pascalau, A., Moldovan,C., Firtat,B., Ristoiu, V., Gheorghe,R., Barbilian, A., „<i>Bidirectional neuroprosthesis system integration</i>” 2020/9/15 2020 IEEE 8th Electronics System-Integration Technology Conference (ESTC) Conferință,Pagini 1-7, DOI: 10.1109/ESTC48849.2020.9229697 https://ieeexplore.ieee.org/abstract/document/9229697 WOS:000631824100027	IF = 0.25 N.aut=21	1.547
		21. Petronela, P., Mihaela, H., Niculae, O., Anton, A., Ionescu, O., „<i>New electrospun ZnO:MoO3 nanostructures: Preparation, characterization and photocatalytic performance</i>” July 2020, Nanomaterials ISSN 2079-4991 10(8), DOI: 10.3390/nano10081476, LicenseCC BYPubMed ID: 32731528/ eISSN: 2079-4991 https://www.mdpi.com/2079-4991/10/8/1476 WOS:000564769900001	IF = 5.719 N. aut = 5 Q2	39.314
		22. Ionescu, O., Dumitru, V., Pricop, E., Besleaga, C., “<i>UAV identification system based on memristor physical unclonable functions</i>”12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) Year 2020, Conference Paper, Publisher IEEE, https://ieeexplore.ieee.org/document/9223154 WOS:000627393500034	IF = 0.25 N. aut=4	8.125
		23. Simionescu, O., Pachiu, C.,Ionescu, O., Dumbravescu, N., Buiu, O., Popa, R., Avram, A., Dinescu, G., „<i>Nanocrystalline graphite thin layers for low-strain, high-sensitivity piezoresistive sensing</i>” Reviews On Advanced Materials Science, Volume: 59 Issue: 1 Pages: 306-313, DOI: 10.1515/rams-2020-0031, Published: JAN 2020 https://www.degruyter.com/document/doi/10.1515/rams-2020-0031/html WOS:000557463800001	IF = 1.197 N. aut = 8	7.6137
		24. Cobianu, C, Dumbravescu, N; Serban, BC; Romanitan, C.,Buiu, O., Comanescu, F, Danila, M,; Marinescu, R; Avramescu, V, Ionescu, O., „<i>Sonochemically synthesized ZnO-Graphene nanohybrids and its characterization</i>” REVIEWS ON ADVANCED MATERIALS SCIENCE,Volume: 59 Issue: 1 Pages: 176-187, DOI: 10.1515/rams-2020-0013 Published: JAN 2020, WOS:000543743300001 https://www.degruyter.com/document/doi/10.1515/rams-2020-0013/html?lang=de	IF = 1.197 N. aut = 10	6.0910
		25. Dumitru, V., Besleaga, C., Ionescu,O., „<i>Analog IGZO memristor with extended capabilities</i>” June 2020, IEEE Journal of the Electron Devices Society PP(99):,Volume: 8 Pages: 695-700, DOI: 10.1109/JEDS.2020.3006000, Published: 2020 WOS:000550636000003 https://ieeexplore.ieee.org/document/9129774	IF = 2.523 N. aut = 3 Q2	33.563
		26. Pascariu, P., Vernardou, D., Sucheaa, M., Airinei, A., Ursu, L., Bucur, S., Tudose, I.,Ionescu, O., Koudoumas, E.,,,<i>Tuning electrical properties of polythiophene/nickel nanocomposites via fabrication</i>”, Materials & Design, ISSN 0264-1275 Volume: 182, Article Number: UNSP 108027,,DOI: 10.1016/j.matdes.2019.108027,	IF = 9.417 N. aut = 9 Q1	34.167

		Published: NOV 15. 2019 WOS:000488458700016 https://www.sciencedirect.com/science/article/pii/S0264127519304654		
		27. Paun, C., Obreja, C., Comanescu, F., Tucureanu, V., Tutunaru, O., Romanitan, C., Ionescu, O., „<i>Epoxy nanocomposites based on MWCNT</i>”, Edited by: Brezeanu, G; Ciurea, ML; Cristea, D; Dinescu, MA; Dobrescu, D; Dragoman, M; Muller, A; Muller, R; Neculoiu, D, Book Series: International Semiconductor Conference, (CAS 2019), 42ND EDITION, Pages: 237-240, Published: 2019 WOS:000514295300050 https://ieeexplore.ieee.org/abstract/document/8923947	IF = 0,25 N. aut = 7	4.6429
		28. Cobianu, C., Dumbravescu, N., Serban, B., Buiu, O., Comanescu, F., Romanitan, C., Danila, M., Avramescu, V., Ionescu, O., „<i>Facile 3D nanostructured ZnO-graphene hybrids for gas sensing applications</i>”, Edited by: Brezeanu, G; Ciurea, ML; Cristea, D; Dinescu, MA; Dobrescu, D; Dragoman, M; Muller, A; Muller, R; Neculoiu, D Book Series: International Semiconductor Conference, (Cas 2019), 42nd Edition Pages: 27-30, Published: 2019, WOS:000514295300004 https://ieeexplore.ieee.org/abstract/document/8923765	IF = 0,25 N. aut = 9	3.6111
		29. Dumbravescu, N., Ionescu, O., Cernica, I., Buiculescu, V., Pistritu, F., Mitrea, C., „Significant enhancement of electrical behavior of SAW devices on langasite and quartz substrates obtained by improvements in design and technology” INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS 2019), 42ND EDITION, Book Series: International Semiconductor Conference Pages: 259-262mPublished: 2019 https://ieeexplore.ieee.org/abstract/document/8923862 WOS:000514295300054	IF = 0,25 N. aut = 6	5.4167
		30. Ionescu, O., Dumitru, V., Pricop, E., Buiu, O., Cobianu, C., Raneti, M., Pircalabu, S., Marica, C., „<i>On the development of a robust cyber security system for Internet of Things devices</i>”, 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI, Pagini 1-5) JUN 27-29, 2019, ISBN:978-1-7281-1624-2, ISSN: 2378-7147 Accession Number: WOS:000569985400049 https://ieeexplore.ieee.org/abstract/document/9042004 WOS:000569985400049	IF = 0,25 N. aut = 8	4.0625
		31. Loreggia, D.; Capobianco, G., Fineschi, S., Massone, G., Thizy, C., Galy, C., Ionescu O., et al 12 Author(s), „<i>The Occulter Position Sensor Emitters (OPSE) metrology sub-system for the PROBA-3 mission</i>”, IEEE 5th International Workshop on Metrology for AeroSpace (MetroAeroSpace), 2019, WOS:000713898100088 https://ieeexplore.ieee.org/document/8869628, https://www.scopus.com/authid/detail.uri?authorId=35299353200	IF = 0,25 N. aut = 12	2.7083

	32. Cobianu, C., Nastase, F., Dumbravescu N., Buiu, O., Serban, B., Danila, M., Gavrilă, R., Ionescu, O. , Romanitan, C., „ <i>Effect of Silicon Surface Cleaning on Electrical Properties of As-Deposited Atomically Layer-Deposited (ALD) HfO₂ Films Obtained From Tetrakis(dimethylamino)Hafnium (TDMAH) and Water</i> ”, Romanian Journal Of Information Science And Technology, Volume: 22 Issue: 1 Pages: 41-56, Published: 2019 WOS:000469865900004 https://romjist.ro/full-texts/paper617.pdf	IF = 1.197 N. aut = 9	6.7677
	33. Giura, I., Pachiu, C., Popescu, M., Bită, B., Ionescu, O. , Sucă, M., „ <i>Methods for Art Preservation and Restauration. Identification of parameters for potential monitoring the temporal evolution of putties</i> ”, Edited by: Brezeanu, G., Ciurea, M., Cristea, D., Dinescu, M., Dobrescu, D., Dragoman, M., Muller, A., Muller, R., Neculoiu, D., CAS 2018 PROCEEDINGS: 2018 International Semiconductor Conference, Pages: 291-294, Published: 2018, WOS:000514386700060 https://ieeexplore.ieee.org/abstract/document/8539821	IF = 0,25 N. aut = 6	5.4167
	34. Serban, B., Buiu, O., Brezeanu M., Ionescu. O. , Cobianu, C., „ <i>Short communication Nanostructured semiconducting metal oxides for ethanol gas sensing. A possible HSAB interpretation</i> ” Romanian Journal Of Information Science And Technology, Volume: 21 Issue: 1 Pages: 93-96, Published: 2018, WOS:000433876800007 https://www.romjist.ro/full-texts/paper583.pdf	IF = 0,485 N. aut = 5	7.9100
	35. Cobianu, C., Nastase, F., Dumbravescu, N., Buiu, O., Albu, A., Serban, B., Danila, M., Romanitan, C., Ionescu, O. , „ <i>Electrical Properties Of As-Deposited Ald Hfo₂ Films Related To Silicon Surface State</i> ”, Edited by: Brezeanu, G., Ciurea, M., Cristea, D., Dinescu, M., Dobrescu, D., Dragoman, M., Muller, A., Muller, R., Neculoiu, D., CAS 2018 PROCEEDINGS: 2018 International Semiconductor Conference, Pages: 69-72, Published: 2018, WOS:000514386700010 https://ieeexplore.ieee.org/abstract/document/8539782	IF = 0,25 N. aut = 9	3.6111
	36. Oproiu, A., Lascar, I., Moldovan, C., Dontu, O., Pantazica, M., Mihailă, C., Florea, C., Dobrescu, L., Sebe, I., Scarlet, R., Dobrescu, D., Neagu, T., Ionescu, O. Stoica, I., Edu, A., „ <i>Peripheral Nerve WIFI Interfaces and Electrodes for Mechatronic Prosthetic Hand</i> ” Romanian Journal Of Information Science And Technology, Volume: 21 Issue: 2 Pages: 129-138, Published: 2018, WOS:000455899600000 https://www.romjist.ro/full-texts/paper586.pdf	IF = 0,485 N. aut = 15	2.6367
	37. Pascariu, P., Tudose, I., Pachiu, C., Danila, M., Ionescu, O. , Popescu, M., Koudoumas, E., Sucă, M., „ <i>Graphene and TiO₂ - PVDF nanocomposites for potential applications in triboelectronics</i> ”, Edited by: Brezeanu, G., Ciurea, M., Cristea, D., Dinescu, M., Dobrescu, D., Dragoman, M., Muller, A., Muller, R., Neculoiu, D., CAS 2018 PROCEEDINGS: 2018 International Semiconductor Conference, Pages: 237-240 Published: 2018, WOS:000514386700047	IF = 0,25 N. aut = 7	4.6429

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		38. Cobianu, C., Serban, B., Stratulat, A., Buiu, O., Ionescu, O. , Diaconu, C., Piesker, A.,,, <i>Protective Chemical Gloves With End Of Service Life Indication-A Conceptual View</i> ", International Semiconductor Conference (CAS), 40TH EDITION Book Group Author(s):IEEE, Book Series: International Semiconductor Conference, Pages: 231-234, Published: 2017, WOS:000425844500049 https://ieeexplore.ieee.org/abstract/document/8101209	IF = 0,25 N. aut = 7	4.6429
		39. Stan, M., Husu, A., Ionescu, O. , „ <i>Automatic System for Monitoring of Strategic Infrastructure Using Wireless Sensors</i> ” 2017 10TH International Symposium On Advanced Topics In Electrical Engineering (ATEE),. Book Group Author(s):IEEE Book Series: International Symposium on Advanced Topics in Electrical Engineering, Pages: 898-902, Published: 2017 Conference: 10th International Symposium on Advanced Topics in Electrical Engineering (ATEE), Location: Bucharest, ROMANIA,, Date: MAR 23-25, 2017, WOS:000403399400174 https://ieeexplore.ieee.org/abstract/document/7905034	IF = 0,25 N. aut = 3	10.8333
		40. Serban, B., Brezeanu, M., Luca, A., Ali, S., Buiu, O., Cobianu, C., Stratulat, A., Udrea, F., Avramescu, V., Varachiu, N., Ionescu, O. ,,, <i>Nanostructured metal oxides semiconductors for oxygen chemiresistive sensing</i> ” Romanian Journal Of Information Science And Technology, Volume: 20 Issue: 2 Pages: 86-100, Published: 2017 WOS:000416213300001 https://www.romjist.ro/full-texts/paper583.pdf	IF = 0.485 N. aut = 12	3.2958
		41. Serbanescu, M., Ionescu, O. , Georgescu, I., Dumitru, V., Buiu, O., „ <i>Studies for an optimal balancing system for Li ion batteries based on State of Health assessment</i> ”, 39TH International Semiconductor Conference (CAS16) Book Group Author(s):IEEE Book Series: International Semiconductor Conference Pages: 213-216 Published: 2016, WOS:000391323300044 https://ieeexplore.ieee.org/abstract/document/7783089	IF = 0,25 N. aut = 5	6.5000
		42. Ionescu, O. , Buiu, O., Serban, B., Ionescu, G.,,, <i>Studies on the development of an inferential method for battery state of health assessment</i> ” Romanian Journal Of Information Science And Technology, Volume: 19 Issue: 4 Pages: 310-320, Published: 2016, WOS:000405151700001 https://www.romjist.ro/full-texts/paper539.pdf	IF = 0.485 N. aut = 4	9.8875
		43. Nae, I., Ionescu, G., Ionescu, O. , Minescu, M.,,, <i>Considerations On The Wearing Of Cutting Tools Made Of Syntherised Metallic Carbides Journal Of The Balkan Tribological Association</i> ” Volume: 22 Issue: 1A Pages: 592-604 Part: 1 Special Issue: SI, Published: 2016, WOS:000381247600006 https://www.webofscience.com/wos/woscc/full-record/WOS:000381247600006	IF = 0,737 N. aut = 4	11.7775
		44. Nae, I., Ionescu, G., Ionescu, O. , „ <i>Planning and Supervising Assembly Works using Microsoft Project</i> ”, Edited by: Xu, D, Conference: 2nd International Conference on Manufacturing (Manufacturing) Book Series: Advanced Materials Research, Volume: 909	IF = 0.25 N. aut = 3	10.8333

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		45. Ionescu, O., Pricop, E., „<i>On the design of a system for airport protection against terrorist attacks using</i>” MANPADs, Ieee International Conference On Systems, Man, And Cybernetics (SMC 2013) Book Group Author(s):IEEE Book Series: IEEE International Conference on Systems Man and Cybernetics Conference Proceedings, Pages: 4778-4782, DOI: 10.1109/SMC.2013.813,,Published: 2013, WOS:000332201904156 https://ieeexplore.ieee.org/abstract/document/6722568	IF = 0,25 N. aut = 2	16.2500
		46. Nae, I., Ionescu, G., Ionescu, O, Planning, Monitoring and Controlling Assembling Activities for Oil Well Drilling Rigs, Conference Innovative Manufacturing Engineering Conference (IManE) published in: ENGINEERING SOLUTIONS AND TECHNOLOGIES IN MANUFACTURING, Book Series: Applied Mechanics and Materials, Volume 657, Page 364-368, Published 2014 DOI: 10.4028/www.scientific.net /AMM.657.364 WOS:000348898000071 https://www.scientific.net/AMM.657.364	IF=0.25 N.aut=2	16.2500
		47. Dumitru, V., Costea, S., Brezeanu, M., Stan, GE., Besleaga, C., Galca, AC., Ionescu, G., Ionescu, O., „<i>InN Based Water Condensation Sensors on Glass and Flexible Plastic Substrates</i>”, Sensors, Volume: 13 Issue: 12 Pages: 16940-16949 DOI: 10.3390/s131216940, Published: DEC 2013 WOS:000330220600059 https://www.mdpi.com/1424-8220/13/12/16940	IF = 3,847 N. aut = 8 Q2	17.551
		48. Ionescu, G., Ionescu, O., Popovici, S., Costea, S., Dumitru, V., Brezeanu, M., Stan, G., Pasuk, I., „<i>Wireless AIN sensor for condition based monitoring of industrial equipment</i>”, International Semiconductor Conference (CAS), VOLS 1-2, Book Group Author(s):IEEE, Book Series: International Semiconductor Conference, Pages: 55-58, Published: 2013, WOS:000330180800011 https://ieeexplore.ieee.org/abstract/document/6688087	IF = 0,25 N. aut = 8	4.0625
		49. Ionescu, O., Ionescu, G., Minescu, M., Nae, I., „<i>Research On Life Prolongation For Temperature Sensors Placed In Highly Erosive Environment</i>”, Journal Of The Balkan Tribological Association, Volume: 19 Issue: 2 Pages: 214-220 Published: 2013, WOS:000321796300005 RESEARCH ON LIFE PROLONGATION FOR TEMPERATURE SENSORS PLACED IN HIGHLY EROSION ENVIRONMENT-Web of Science Core Collection (e-information.ro)	IF = 0,737 N. aut = 4	11.7775
		50. Ionescu, O., Ionescu, G., Minescu, M., Nae, I., „<i>Studies On Wear Protection Of Humidity Sensor In A Sand Drying Plant, Journal Of The Balkan Tribological Association</i>” Volume: 18 Issue: 1 Pages: 51-57, Published: 2012, WOS:000302843400006	IF=0,737 N.aut=4	11.7775

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			51. Nae, I., Ionescu, G., Minescu, M., Ionescu, O. , „ <i>The Planning of Technological Process for Mechanical Processing by Using Microsoft Project Software</i> ”, ICEEM 2012: 2ND INTERNATIONAL CONFERENCE ON ECONOMIC, EDUCATION AND MANAGEMENT, VOL 1, Edited by:Zhu, M, Pages: 450-455, Published: 2012, WOS:000318122400080 https://www.webofscience.com/wos/woscc/full-record/WOS:000318122400080	IF = 0,25 N. aut = 4	8.1250
			52. Ionescu, O. , Pricop, E., Paraschiv, P., „ <i>The Management of Health and Safety Issues Related to the Wearing of Protective Clothing by Using RFID Technology</i> ”, ICEEM 2012: 2nd International Conference On Economic, Education And Management, VOL 1, Edited by:Zhu, M, Pages: 495-499, Published: 2012, WOS:000318122400088 https://www.webofscience.com/wos/woscc/full-record/WOS:000318122400088	IF = 0,25 N. aut = 3	10.8333
			53. Ionescu, G., Ionescu, O. , Antonescu, N., Nae, I., „ <i>New Image Processing Based Method For Automated Welding Technology</i> ”, Journal Of The Balkan Tribological Association, Volume: 16 Issue: 2 Pages: 189-196, Published: 2010, WOS:000280725400003 https://www.webofscience.com/wos/woscc/full-record/WOS:000280725400003	IF = 0,737 N. aut = 4	11.7775
			54. Ionescu, O. , Ionescu, G., „ <i>Experimental Research On Corrosion Resistance Of Duplex Stainless Steel Welds Produced By Opod Gmaw Process</i> ”, Metalurgia International, Volume: 14 Pages: 23-26 Special Issue: 17, Published: 2009, WOS:000273720900005 https://www.webofscience.com/wos/woscc/full-record/WOS:000273720900005	IF = 0,134 N. aut = 2	14.5100
			55. Ionescu, O. , Ionescu, G., „ <i>Study On The Behavior Of Dosing Scales In An Environment Affected By Severe Vibrations</i> ”, Annals Of Daaam For 2009 & Proceedings Of The 20th International Daaam Symposium, Edited by:Katalinic, B Book Series: Annals of DAAAM and Proceedings, Volume: 20 Pages: 1357-1358, Published: 2009, WOS:000273720900005 https://www.webofscience.com/wos/woscc/full-record/WOS:000282335600679	IF = 0,25 N. aut = 2	16.2500
			56. „ Ionescu, O. ”, Ionescu, G., „ <i>Training System For Welding Operators</i> ”, Edited by:Katalinc, B, Book Series: Annals of DAAAM and Proceedings, <i>Annals Of Daaam For 2008 & Proceedings Of The 19th International Daaam Symposium</i> , Pages: 635-636, Published: 2008, WOS:000262860100317 https://www.webofscience.com/wos/woscc/full-record/WOS:000262860100317	IF = 0,25 N. aut = 2	16.2500
			Total partial A 2.1.		623.141

Articole în reviste, și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI) ⁴	A2.2	1. Suche, M., Ionescu, O. , Tudose, I., Mouratis, K., Romanitan, C., Pachiu, „SnO2 and Ni doped SnO2 /polithiophene nanocomposites for gas sensing applications”Solid State Electronics Letters, Volume 2, December 2020, Pages 85-91, https://doi.org/10.1016/j.ssel.2020.11.003 , https://www.elsevier.com/search-results?query=SnO2%20and%20Ni%20doped%20SnO2%20%2Fpolithiophene%20nano%20composites%20for%20gas%20sensing%20applications%20Solid%20State%20Electronic%20Letters&scles	N.aut=8	2.5
		2. E. Koudoumas; O. N. Ionescu; V. Z. Barsukov; M. P. Suche Innovative composite materials for electromagnetic shielding, International Semiconductor Conference (CAS), Date of Conference: 12-14 October 2022 Date Added to IEEE Xplore: 09 November 2022 INSPEC Accession Number: 22239606 DOI: 10.1109/CAS56377.2022.9934416 https://25106bsj2-y-https-ieeeexplore-ieee-org.z.e-nformation.ro/document/9934416	N.aut=4	5.0
		Total Partial A2.2		
Proprietate intelectuală, brevete de invenție, certificate ORDA	A2.3.1	Internaționale ⁵	35/ nr. Autori	
		1. Serban, B., Buiu, O., Ionescu, O. , Buiu, A., Chemiresistor humidity sensor and fabrication method thereof, USPTO (United States Patent Office) US114,60427 (B1) https://worldwide.espacenet.com/searchResults?submitted=true&locale=en_EP&DB=EP_ODOC&ST=advanced&TI=Chemiresistor+humidity+sensor+and+fabrication+method+thereof&AB=&PN=&AP=&PR=&PD=&PA=&IN=Octavian+Ionescu&CPC=&IC=&Submit=Search	N.aut=4	17.50
		2. Ionescu O. , Dumitru V., Marica C., Marica V., Luca M., Pircalabu S., Method and System for Data Validation Using Memristors, USPTO (United States Patent Office) US 11455258 (B1) https://patents.google.com/patent/US11455258B2/en?q=(Method+and+System+for+Data+Validation+Using+Memristors)&inventor=Ionescu+Octavian	N.aut=5	14
		3. Ionescu, O. , Brezeanu, M., Buiu, O., Dumitru, V., Georgescu, I., Serban, B., EPO European Patent number EP3279993 (B1),„Battery Life Prolongation”, - https://worldwide.espacenet.com/patent/search/family/056557636/publication/EP3279993A1?q=pn%3DEP3279993A1	N. aut =6	11.66
		4. Dumitru, V; Pircalabu, S; Ionescu, O , Marica, C; Marica, V; Luca, M, USPTO (United States Patent Office) „Secure communication system and method”” US patent numberUS11356422(B1) granted by the patent office on 2022-06-07. https://patents.google.com/patent/US20210136044A1/en?q=(Secure+communication+system+and+method)&inventor=Octavian+Narcis+Ionescu	N.aut=5	14.00
		5. Ionescu, O. , Constantinescu, Z., Serban, B., Buiu, O., Buiu, A., USPTO (United States Patent Office) „Cyber security system for internet of things connected devices”.U.S. patent	N.aut=5	14.00

		number 10,972,486, Application Number 16/176,638 granted by the patent office on 2021-04-06. https://uspto.report/patent/grant/10,972,486		
		6. Ionescu, O. , Buiu O., Georgescu, I., Dumitru, V., Serban, B., Brezeanu, M., Serbanescu, M., USPTO (United States Patent Office) „ <i>Adaptive balancing for battery management</i> ”, U.S. patent numberUS11034259B2· granted by the patent service on 2021-06-15 https://patents.google.com/patent/US20210221251A1/en?q=(Adaptive+balancing+battery+management)&inventor=Octavian+Ionescu	N.aut=7	10.00
Total Partial A2.3.1				81.16
A2.3.2	Naționale (OSIM)		25 /nr. autori	
	1.	Cîrstoiu, E., Eparu, A., Ion, D., Ionescu, O. , Lovasz, S., Merișcă, C., Mătrează, A., Părăoanu, N., Pătrașcu, C., Roșca, G., Brevet de invenție RO111224B1 „Safety System For Equipping Radio-Controlled Anti-Aircraft Missiles”, Acordat de către Oficiul de Stat pentru Invenții și Mărci – OSIM România https://worldwide.espacenet.com/patent/search/family/064361016/publication/RO111224B1?q=pn%3DRO111224B1	N. aut =10	2.5
	2.	Ionescu, O. , Pricop, E., Ionescu, G., Brevet de invenție nr. RO 129740 B1 / 30.06.2016,„ <i>Metodă și sistem de securitate a aeroporturilor civile împotriva atacurilor teroriste cu rachete portabile sol-aer</i> ” Acordat de către Oficiul de Stat pentru Invenții și Mărci – OSIM România http://pub.osim.ro/publication-server/pdf-document?PN=RO129740%20RO%20129740&iDocId=8543&iepatch=.pdf	N. aut =3	8.333
	3.	Constantinescu Z, Ionescu O, Ionescu C, Vlodoiu M, Brevet de invenție nr RO 133285, Sistem de senzori de presiune inclus in structura ajutorului motoarelor racheta, Acordat de către Oficiul de Stat pentru Invenții și Mărci – OSIM România https://www.osim.ro/images/Publicatii/Inventii/2024/bopi_inv_08_2024.pdf	N. aut =3	6.25
Total Partial A 2.3.2				17.083

Activitatea de cercetare (A2)	Granturi / proiecte de cercetare câștigate prin competiție ⁶ sau Contracte cu agenți economici, în valoare de minim 10000 dolar SUA echivalent încasați ⁶	Director / responsabil partener	A2.4.1.1	Internationale	20 * ani desfășurare	
			1. AGS (Alliance Ground Surveillance) WBDL (wide band datalink) - NATO - Research, Design and Implement the verification, test and calibration line, Leonardo Airspace and Defence Romania proiect cu valoare incasata peste 1000000 Euro conform ANEXA 1 adeverinta Leonardo In cadrul proiectului „AGS WBDL - NATO - Research, Design and Implement the verification, test and calibration line, Leonardo Airspace and Defence Romania” . Proiectul a constat in cercetarea, proiectarea si executarea de standuri si dispozitive automate de verificare a componentelor sistemului AGS WBDL produse pe linia de fabricatie dezvoltata de Romania. Standurile pentru verificarea placilor digitale au folosit tehnologia J-Tag si Boundary Scan. * Leonardo plays a key role in the NATO AGS programme, which involves a group of 15 Allies – including the USA, Germany, Italy and Norway – aimed at acquiring an advanced ground surveillance capability through remotely piloted aircraft. As part of the programme, which has Northrop Grumman as prime contractor, Leonardo was responsible for the contribution of Italian industry as well as for the industrial participation of Bulgaria and Romania. Competitia pentru atribuirea contractului a avut loc intre cele 15 tari participante la program. *https://unmanned.leonardo.com/en/products/nato-ags	T = 2 ani	40	
			A2.4.1.2.	Naționale	10 * ani desfășurare	
			Intelligent, airborne sensors system for high voltage power lines monitoring, PN-III-P2-2.1-CI-2017-0265 Call name: P 2 - SP 2.1 - Cecuri de inovare, Competitie organizata UEFICDI PN-III-P2-2.1-CI-2017-0265 2017 – 2017 Valoare incasata 50000 Lei, conform Anexa 2 adeverinta INCD IMT Bucuresti https://cursbnr.nxm.ro/data/21-02-2017 (1 Dolar SUA= 4,28 Lei) Proiectul a urmarit dezvoltarea unui sistem aeropurtat de senzori pentru monitorizarea in timp real a fenomenelor ce pot genera defecte in liniile de inalta tensiune (Aparitia efectului Corona insotit de degajare de ozon, descarcari luminoase si zgomot specific)	T = 0.5 ani	5	
	Design and development of a monitoring system in order to prevent malicious activities for high voltage "trianon" masts, PN-II-IN-CI-2013-1-0052 Call name: Cecuri de Inovare 2013 Competitie organizata UEFICDI PN-II-IN-CI-2013-1-0052 2013 – 2014 Valoare incasata 50000 Lei conform Anexa 3 Adeverinta UPG Ploiesti https://cursbnr.nxm.ro/data/21-02-2014 (1 Dolar SUA= 3,29 Lei) In cadrul proiectului a fost dezvoltat un sistem de senzori pentru monitorizarea in timp real a starii infrastructurii critice (stalpii de inalta tensiune) si avertizare a tentativelor de distrugere a acestora.	T = 0.5 ani	5			
	”Sistem de celule fotovoltaice microtexturate de eficienta sporita integrat in aripa unui avion fara pilot (UAV) cu aplicatii in securitatea societala”, pentru activități in categoriaD - Activități de cercetare industrială și/sau dezvoltare experimentală (CD) realizate de organizația de cercetare în colaborare efectivă cu întreprinderea C77.D. Valoare incasata 450000 Lei conform Anexei 2 Adeverinta INCD IMT https://cursbnr.nxm.ro/data/21-02-2020 (1 Dolar SUA= 4,44 Lei)	T = 1.5 ani	15			

			Proiectul a tratat atat dezvoltarea sistemului de celule fotovoltaice texturata cat si integrarea sursei de energie regenerabila (celulele fotovoltaice) cu sistemul de alimentare al UAV ului.		
			„Servicii de elaborare a unui studiu privind functionarea modulelor pentru integrarea in retele inteligente a de productie a energiei electrice din surse regenerabile” nr. Contract 22/2011, Beneficiar S.C. Electrica Muntenia Nord S.A., Valoare incasata 53320 Lei conform ANEXA 3 - Adeverinta Universitatea Petrol Gaze din Ploiesti. https://cursbnr.nxm.ro/data/21-02-2011 (1 Dolar SUA= 3.09 Lei) Proiectul a constatat in cercetarea, studiul si analiza sistemelor de conversie a energiei electrice de curent continuu in curent alternativ, si determinarea elementelor de control necesare conectarii la retea a acestor sisteme in concordanta cu standardele de calitate a energiei electrice existente. Cercetarile efectuate asupra invertoarelor propuse constau in stabilirea capacitatii intrinseci a acestora de a realiza reglarea automata a tensiunii si fazei curentului debitat in retea, de a se deconecta pe timp de noapte, si de a trece peste defecte de scurta durata fara a se deconecta de la retea. Proiect obtinut pe baza participarii la competitie pe SEAP (contracandidati ICPE, Elvani etc)	T = 0.5 ani	5
			„Anduranță la acțiunea vibrațiilor aleatoare și mecanice, Stabilitate la temperatură și umiditate, Stabilitatea la acțiunea radiației solare-Testare sisteme optice SIOBLIN” proiect Nr.C77.2B/ 08.07.2020 Valoare incasata 49280 Lei conform Anexa 2 adeverinta INCD IMT Bucuresti. https://cursbnr.nxm.ro/data/21-02-2020 (1 Dolar SUA= 4,44 Lei) In cadrul acestui proiect au fost realizate cercetari si studii referitoare la fiabilitatea si stabilitatea in functionare a unor sisteme complexe de monitorizare optica automata, a frontierelor de stat, determinare si identificare a subiectilor ce au tentative de trecere frauduloasa a acestora.	T = 0.5 ani	5
			„Panouri de Protecție Balistică pentru Limitarea Exploziilor în Aeroporturi” – PLEXO Cod: ROFSIP2016OS6A12P0, Contract nr. 221993/18.09.2020: Servicii de cercetare – dezvoltare a unor panouri de protecție balistică de dimensiuni reduse Valoare incasata 116000 Lei conform Anexa 2 INCD IMT Bucuresti. https://cursbnr.nxm.ro/data/21-02-2020 (1 Dolar SUA= 4,44 Lei) In cadrul acestui proiect in afara protectiei balistice a fost studiata si implementata o solutie inovativa de ecranare electromagnetica a incarcaturilor explozive artisanale si intrerupere a sistemului de radiocomunicatii intre atacatori si dispozitivele de comanda a detonarii. Cercetarile efectuate asupra sistemelor ce pot fi folosite respectiv domeniilor de frecventa au condus la definirea parametrilor si elaborarea materialelor radioabsorbante (atat vopseluri cat si materiale plastice) dezvoltate pentru astfel de aplicatii. Cercetarile, determinarile si masuratorile efectuate au demonstrat obtinerea unor atenuari ale semnalului de 30 dB-40dB si sunt prezentate si intr-unul dintre articolele pe care le-am considerat reprezentative. Faptul ca nu s-a facut o specificare directa la scopul lor a fost generat de cerinta expresa a beneficiarului care a considerat ca odata cunoscuta aceasta proprietate a panourilor persoanele cu intentii malitioase vor cauta cai alternative pentru a detona incarcaturile explozive. Proiect obtinut prin competitie pe SEAP (au participat ofertanti precum ISS,	T = 0.5 ani	5

		ACTTM etc)		
		GEREMP. „Muniție cu impuls electromagnetic” Contract 01 PSCD 2024 Proiect obtinut prin concurs pe axa Soluții pentru Ministerul Aparării Naționale	T=1,5 ani	15
Total Partial A 2.4.1.1 si A 2.4.1.2				80
Membru în echipă	A2.4.2.1.	Internaționale	4 * ani desfășurare	
		1. PROBA-3 ASPIICS OPSE HARWARE – Contract No. 4000111522 / 14 / NL / GLCESA OPSE, ANEXA 2 Contract cu valoare incasata 450000 Euro (2016-2023) https://www.eoportal.org/satellite-missions/proba-3	T= 7 ani	28
		2. „Arm neuroprosthesis equipped with artificial skin and sensorial feedback”, EEA-RO-NO-2018-0390 Call name: EEA Grants - Proiecte Colaborative de Cercetare EEA-RO-NO-2018-0390 2019 – 2023 https://www.armin-see.eu	T = 4 ani	16
		3. „Accelerating Innovation in Microfabricated devices”-Moore4Medical CodSMIS2014+:137529 Contract 15/1.1.3H/390018/19.03.2021	T=2ani	8
		4. „Power Grid Modernization towards a More Stable Future-SuPriM”, case 2021/332778-IMT Bucharest and 2021/336905 -Universitetet I Sørøst-Norge	T=2ani	8
		5. Supercapacitors for Power Grid Modernization towards a More Stable Future-SuPriM, EEA and Norwegian Financial Mechanisms - Energy Programme in Romania/ Renewable energy, energy efficiency and energy security. Contract EEA 332778	T=2ani	8
		6. NerveRepack. Intelligent neural system for bidirectional connection with exoprostheses and exoskeletons https://www.nerverepack.eu/about-the-project	T=4ani	16
	A2.4.2.2.	Naționale	2 * ani desfășurare	
		1. Contract de finantare pentru executie proiecte de CDI, Nr. 121 /20.07.2017Programul de Cercetare-Dezvoltare-Inovare pentru Tehnologie Spațială și Cercetare Avansată – STAR Tip proiect: „CDI Sisteme De Aliniere Optică Pentru Zborurile Spațiale În Formație Și Deorbitarea Reziduurilor Din Spațiu (Oasys)”	T = 2 ani	4
		2. „Metoda și dispozitiv de testare la domiciliu pentru detectarea precoce a virusului SARS-CoV-2”.Proiect finantat in cadrul PNIII, Programul 2- Creșterea competitivității economiei românești prin cercetare-dezvoltare și inovare, domeniul de prioritate publică “Sănătate”, Competiția SOLUȚII -2020 -1.Contract Nr. 13Sol/15.06.2020	T = 2 ani	4
		3. „Tehnologii suport de realizare a ariilor de elemente micro-optice pentru aplicații spațiale”. Contract de finantare Nr. 165 / 20 Iulie 2017 Programul de Cercetare-Dezvoltare-Inovare pentru Tehnologie Spațială și Cercetare Avansată – STAR Tip proiect: CDI,	T = 2 ani	4
		4. „SAW Microsensors New Technologies for Specific Space ConditionsCall name: P 2 - SP 2.1 ” - Proiect experimental –demonstrative PN-III-P2-2.1-PED-2016-1653 2017 – 2018 http://www.imt.ro/saw-meteoritics/	T = 2 ani	4

			5. „Innovative system for using indoor 3d lighting advertising displays for air purification purpose”, PN-III-P2-2.1-CI-2018-1112, Call name: P 2 - SP 2.1 - Cecuri de inovare http://www.imt.ro/EcoReclama/	T = 0.5 ani	1
			6. „Developing quantum information and quantum technologies in Romania Call name: P 1 - SP 1.2”- Proiecte complexe realizate in consorții CDI PN-III-P1-1.2-PCCDI-2017-0338 2018 – 2021 https://roqnet.ro/qutech-ro/	T = 2 ani	4
			7. „Sistem mobil adaptiv de mixare si dispersare a unor solutii coloidale inovative cu nanoparticule pentru neutralizarea toxicitatii agentilor chimici, biologici si radiologici” PN-III-P2-2.1-PED-2019-4222	T = 2 ani	4
			8. „Nanostructured carbon based materials for advanced industrial applications Call name: P 1 - SP 1.2” - Proiecte complexe realizate in consorții CDIPN-III-P1-1.2-PCCDI-2017-0619 http://www.imt.ro/nanocarbon+/	T = 3 ani	6
			9. „Servicii de elaborare a unui studiu privind eficientizarea masurilor de integrare a producatorilor de energie electrica utilizand surse regenerabile in retelele electrice de distributie din zona S.C. F.D.E.E. Electrica Distributie Muntenia Nord S.A. ”, nr. Contract 23/2011, 5 persoane, Beneficiar S.C. Electrica Muntenia Nord S.A., val. (cu TVA) 44400 lei.	T = 0.5 ani	1
			10. “Serviciu privind elaborarea unui studiu si a unei aplicatii pentru un sistem de protectie la lucrari si cresterea electrosecuritatii in domeniul lucrarilor la inalta tensiune, in instalatii electrice inteligente, in cadrul S.C. F.D.E.E. ELECTRICA DISTRIBUTIE MUNTENIA NORD”nr. contract 4/17.01.2013, valoare 45000lei, Beneficiar S.C. Electrica Muntenia Nord S.A.;	T = 0,5 an	1
			11. „Dispozitiv electrochimic modular pentru stocarea de sarcina Multi-celled electrochemical STOrage Devices Call name: P 2 - SP 2.1” - Proiect experimental – demonstrativPN-III-P2-2.1-PED-2019-4146 2019 - 2021	T = 2 ani	4
			12. „Range Of Image Optical Systems With Zoom For Mwir Spectral Field With Security Applications Call name: P 2 - SP 2.1” - Proiect de transfer la operatorul economicPN-III-P2-2.1-PTE-2019-0465 2020 - 2022	T = 2 ani	4
			Total Partial A2.4.2.1 si A2.4.2.2		140
			TOTAL A2		948.874

⁶ Nu se consideră în această categorie proiecte/granturi care nu prezintă un caracter predominant de cercetare. Se consideră numai proiecte/granturi relevante pentru profilul postului scos la concurs / domeniul de abilitare. Candidatul va atașa documente care să demonstreze caracterul de cercetare al proiectului.

Recunoaște - rea și impactul activității (A3)	Citări ⁷ în cărți, reviste și volume ale unor manifestări științifice	A3.1.1	Cărți, ISI ⁸	8 / nr. aut. articol citat	
			Lucrare citata: Bunea, A., Dediu, V., Laszlo, E., Pistritu, F., Carp, M., Iliescu, F.,; Ionescu, O. , Iliescu, C; <i>E-Skin: The Dawn of a New Era of On-Body Monitoring Systems</i> , MICROMACHINES, Volume12, Issue 9, Article Number1091, DOI10.3390/mi12091091, Published SEP 2021, Indexed 2021-10-06 https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000701080700001	Nr.aut=8	
			1. Lucrare care citeaza: Iliescu, FS; Ionescu, AM; Gogianu, L; Simion, M; Dediu, V; Chifiriuc, MC; Pircalabioru, GG; Iliescu, C; <i>Point-of-Care Testing-The Key in the Battle against SARS-CoV-2 Pandemic</i> MICROMACHINES, Volume12 Issue12 Article Number 1464 Published DEC 2021 DOI10.3390/mi12121464 ISSN 2072-666X, WOS:000736266900001 https://www.mdpi.com/2072-666X/12/12/1464	Nr.aut=8	1
			2. Lucrare care citeaza Huang, TY; Lim, HL, <i>Electrogenic Staphylococcus warneri in lactate-rich skin</i> BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS Volume 618 Page 67-72, Published AUG 27 2022 DOI10.1016/j.bbrc.2022.06.020 ISSN 0006-291X, WOS:000827684400010 https://2510a9dne-y-https-www-sciencedirect-com.z.e-nformation.ro/science/article/pii/S0006291X22008610?via%3Dihub	Nr.aut=8	1
			3. Lucrare care citeaza: Nghia, DX; Baek, JJ ; Oh, JY; Lee, TI ; <i>Deformable thermoelectric sponge based on layer-by-layer self-assembled transition metal dichalcogenide nanosheets for powering electronic skin</i> Ceramics International, Volume49 Issue6, Page9307-9315 DOI10.1016/j.ceramint.2022.11.097 ISSN 0272-8842, Published MAR 15 2023 WOS:000944313700001 https://1p10c4xng-y-https-www-sciencedirect-com.z.e-nformation.ro/science/article/pii/S0272884222041190?via%3Dihub	Nr.aut=8 Q1	2
			4. Lucrare care citeaza Chen, Y; Sun, YL; Wei, YY ; Qiu, JF ; <i>How Far for the Electronic Skin: From Multifunctional Material to Advanced Applications</i> , Advanced Material Technology, Volume8, Issue8, https://doi.org/10.1002/admt.202201352 , Published APR 2023 WOS:000928729000001, https://1p10g4xmj-y-https-onlinelibrary-wiley-com.z.e-nformation.ro/doi/10.1002/admt.202201352	Nr.aut=8 Q1	2
			5. Lucrare care citeaza: Wong, SHD ; Deen, GR ; Bates, JS ; Maiti, C ; Lam, CYK ; ; AlAnsari, R ; Belsky,	Nr.aut=8 Q1	2

			P ; Yoon, J; Dodda, JM ; <i>Smart Skin-Adhesive Patches: From Design to Biomedical Applications</i>; Advanced Functional Materials, Volume33 Issue14 https://doi.org/10.1002/adfm.202213560 Published APR 2023 WOS:000919115500001 https://1p10g4xmj-y-https-onlinelibrary-wiley-com.z.e-nformation.ro/doi/10.1002/adfm.202213560		
			6. Lucrare care citeaza: Roy, AC; Kumar, N; Subramanya, SB; Gupta, A; Kumar, A; Bid, A; Venkataraman, V , <i>Large-Area 3D Printable Soft Electronic Skin for Biomedical Applications</i>, ACS BIOMATERIALS SCIENCE & ENGINEERING Volume8, Issue12, Page5319-5328 DOI10.1021/acsbmaterials.2c00241, WOS:000834347400001 PublishedDEC 12 2022 https://1p1104xuh-y-https-pubs-ac-s-org.z.e-nformation.ro/doi/10.1021/acsbmaterials.2c00241 https://doi.org/10.1021/acsbmaterials.2c00241	Nr.aut=8 Q2	2
			7. Lucrare care citeaza: Huang, TY ; Lim, HL, <i>Electrogenic Staphylococcus warneri in lactate-rich skin</i>, BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONSVolume 618 Page67-72 DOI10.1016/j.bbrc.2022.06.020, Published AUG 27 2022 https://doi.org/10.1016/j.bbrc.2022.06.020 WOS:000827684400010 https://1p10c4xva-y-https-www-sciencedirect-com.z.e-nformation.ro/science/article/pii/S0006291X22008610?via%3Dihub	Nr.aut=8	1
			8. Lucrare care citeaza: Yi, MK ; Lee, WK; Hwang, SO A Human Activity Recognition Method Based on Lightweight Feature Extraction Combined With Pruned and Quantized CNN for Wearable Device <i>IEEE TRANSACTIONS ON CONSUMER ELECTRONICS</i> Volume69 Issue3 Page657-670 Published AUG 2023 DOI10.1109/TCE.2023.3266506 ISSN 0098-3063, WOS:001049985800037 https://251069cmc-y-https-ieeeexplore-ieee-org.z.e-nformation.ro/document/10100934	Nr.aut=8 Q2	2
			9. Lucrare care citeaza: Gao, S; Cui, ZL ; Wang, XL; Sun, XY , <i>Liquid metal E-tattoo</i>, SCIENCE CHINA-TECHNOLOGICAL SCIENCES, Source Volume 66 Issue6 Page1551-1575 Published JUN 2023 DOI 10.1007/s11431-022-2301-0 ISSN 1674-7321; WOS:000994101500003 https://2510g9cmm-y-https-link-springer-com.z.e-nformation.ro/article/10.1007/s11431-022-2301-0	Nr.aut=8 Q2	2
			10. Lucrare care citeaza Chugh, V; Basu, A; Kaushik, A; Basu, AK, <i>E-skin-Based advanced wearable technology for Health Management</i> CURRENT RESEARCH IN BIOTECHNOLOGY, Volume5 Article Number 100129 Published 2023	Nr.aut=8	1

			DOI10.1016/j.crbiot.2023.100129, ISSN 2590-2628, WOS:001007501900001 https://2510a9cog-y-https-www-sciencedirect-com.z-e-nformation.ro/science/article/pii/S2590262823000114?via%3Dihub		
			11. Lucrare care citeaza: Song, RQ ; Ren, P ; Liu, YX (; Zhu, Y; Dong, JY; O'Connor, BT , Stretchable Organic Transistor Based Pressure Sensor Employing a Porous Elastomer Gate Dielectric ADVANCED MATERIALS TECHNOLOGIES, Volume8 Issue14 Published JUL 2023 DOI10.1002/admt.202202140 ISSN 2365-709X, WOS:000975776000001 https://1p10g4xmj-y-https-onlinelibrary-wiley-com.z-e-nformation.ro/doi/10.1002/admt.2022021401	Nr.aut=8 Q1	2
			12. Lucrare care citeaza: Fapanni, T ; El Bidweihi, H ; Zappa, D ; Comini, E ; Sardini, E; Serpelloni, M <i>Evaluation of the Curing Process Effects on the TCR of Temperature Sensors Printed by Aerosol Jet Printing. Volume23,Issue15,Page16625-16632, Published AUG 1 2023</i> DOI10.1109/JSEN.2023.3283797 ISSN 1530-437X, WOS:001044265000019 https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=10149196	Nr.aut=8 Q2	2
			13. Lucrare care citeaza Lai, ZH; Xu, JC; (...); Zhou, SX Self-powered and self-sensing devices based on human motion, Joule, Volume6, Issue7, Page1501-1565 DOI10.1016/j.joule.2022.06.013 WOS:000878821400002 https://2510qbyfg-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000878821400002	Nr.aut=8 Q1	2
			Lucrare citata Iliescu F, Hong L.T. , Toh JM, , Suchea MP, Ionescu O,Iliescu C.Early Notice Pointer, an IoT-like Platform for Point-of-Care Feet and Body Balance Screening, Journals Micromachines, Volume 13, Issue 5, 10.3390/mi13050682, 13(5), 682; https://doi.org/10.3390/mi13050682 (registering DOI)., ISSN: 2072-666X https://www.mdpi.com/2072-666X/13/5/682 WOS:000802457100001	N. aut = 6	
			14. Lucrare care citeaza Xu, YF; Ning, HH; (...); Liu, JJ, Portable Multi-Channel Electrochemical Device with Good Interaction and Wireless Connection for On-Site Testing, Micromachines, Volume14 Issue1 Article Number 142 Published JAN 2023 DOI10.3390/mi14010142 eISSN 2072-666X, WOS:000916372600001 https://www.mdpi.com/2072-666X/14/1/142	N. aut = 6 Q2	2.66

		Lucrare citata Tudose, I., Mouratis, K., Ionescu, O., Romanitan, C., Pachiu, C., Tutunaru O, Suche, M., Koudoumas, E, <i>Comparative Study of Graphene Nanoplatelets and Multiwall Carbon Nanotubes-Polypropylene Composite Materials for Electromagnetic Shielding</i>, Nanomaterials 2022, 12(14), 2411; https://doi.org/10.3390/nano12142411, https://www.mdpi.com/2079-4991/12/14/2411 WOS:000832333800001	Nr.aut=8	
		15. Lucrare care citeaza Hong, GH; Qu, Q; (...); Liu, YX, Epiphyte-inspired multifunctional biocomposites for electromagnetic interference shielding, Chemical Engineering Journal, Volume 469, Article Number 143960 Published AUG 1 2023 DOI10.1016/j.cej.2023.143960 ISSN 1385-8947, WOS:001025770200001 https://2510a9fsn-y-https-www-sciencedirect-com.z.e-nformation.ro/science/article/pii/S1385894723026918?via%3Dihub	Nr.aut=8 Q2	2
		16. Lucrare care citeaza Fateixa, S; Landauer, M; (...); Bohm, R, Additive Manufacturing-Enabled Architected Nanocomposite Lattices Coated with Plasmonic Nanoparticles for Water Pollutants Detection, Macromolecular Materials and engineering, JUN 2023 DOI10.1002/mame.202300060 ISSN 1438-7492, WOS:001000013300001 https://2510b9fsr-y-https-onlinelibrary-wiley-com.z.e-nformation.ro/doi/10.1002/mame.202300060	Nr.aut=8 Q2	2
		17. Lucrare care citeaza Kruzelak, J; Kvasnicakova, A; (...); Hudec, I; Experimental investigation of absorption shielding efficiency of rubber composites, Polymer Bulletin, Early Access JAN 2023 DOI10.1007/s00289-023-04684-x ISSN 0170-0839, WOS:000920828500001 https://2510g9fsw-y-https-link-springer-com.z.e-nformation.ro/article/10.1007/s00289-023-04684-x	Nr.aut=8	1
		Lucrare citata Tudose, I., Mouratis, K., Ionescu, O., Romanitan, C., Pachiu, C., Picop E, M., Khomenko, V., Butenko, O., Chernysh, O., Kenanakis, G., Barsukov, V., Suche, M., Koudoumas, E, Carbon Allotropes-Based Paints and Their Composite Coatings for Electromagnetic Shielding Applications Nanomaterials 2022, 12(11), 1839; https://doi.org/10.3390/nano12111839, https://www.mdpi.com/2079-4991/12/11/1839 WOS:000809110600001	N. aut = 13	
		18. Lucrare care citeaza Cinan, ZM A theoretical focus on nanoparticle attenuation capabilities for potential utilizations in radiation protect: TiO2-SiO2-Fe3O4-B4C-Al2O3, Physica Scripta Volume98 Issue 8 Article Number 085315 Published AUG 1 2023	N. aut = 13 Q2	1.23

			DOI10.1088/1402-4896/ace8d3 ISSN 0031-8949, WOS:001039970600001 https://2510w9ft6-y-https-iopscience-iop-org.z.e-nformation.ro/article/10.1088/1402-4896/ace8d3		
			19. Lucrare care citeaza Jin, XA; Lu, Y; (...); Wang, SS; Synthesis and Application of Ion-Exchange Magnetic Microspheres for Deep Removal of Trace Acetic Acid from DMAC Waste Liquid, Nanomaterials, Volume13 Issue3, Article Number 509, Published FEB 2023 DOI10.3390/nano13030509 eISSN 2079-499, WOS:000932885200001 https://www.mdpi.com/2079-4991/13/3/509	N. aut = 13 Q1	1.23
			20. Lucrare cre citeaza Yoo, J and Lee, S, Experimental Study on Electromagnetic Shielding Characteristics of a Fe-Based Amorphous Soft Magnetic Composite Applied Science Basel, Volume12 Issue12 Article Number 6158 Published JUN 2022 DOI10.3390/app12126158 eISSN 2076-3417, WOS:000817654100001 https://www.mdpi.com/2076-3417/12/12/6158	N. aut = 13	0.615
			Lucrare citata Tudose, I., Mouratis, K., Ionescu, O., Romanitan, C., Pachiu, C., Popescu, M., Khomenko, V., Butenko, O., Chernysh, O., Kenanakis, G., Barsukov, V., Suche, M., Koudoumas, E., M. Novel Water-Based Paints for Composite Materials Used in Electromagnetic Shielding Applications in Nanomaterials, 2022, nr 12, 487. ISSN 2079-4991 https://doi.org/10.3390/nano12030487 , Nanomaterials Free Full-Text Novel Water-Based Paints for Composite Materials Used in Electromagnetic Shielding Applications (mdpi.com) WOS:000755284900001	N. aut = 13	
			21. Lucrare care citeaza: Gul, N Oztoprak, BG, <i>Investigation of electrical and electromagnetic properties of quartz fiber reinforced polymer composite material by using modified paints with carbon nanoparticles (graphene/double-walled carbon nanotube)</i> , Journal of Composite Materials Volume56 Issue19 Page3013-3027 Article Number 00219983221099332 Published AUG 2022 DOI10.1177/00219983221099332 ISSN 0021-9983, WOS:000800554000001 https://251199f42-y-https-journals-sagepub-com.z.e-nformation.ro/doi/10.1177/00219983221099332	N. aut = 13 Q2	1.23
			22. Lucrare care citeaza: Bontas, MG; Diacon, A; (...); Rusen, E, <i>Epoxy Coatings Containing Modified Graphene for Electromagnetic Shielding</i> , Polymers, Volume14 Issue12 Article Number 2508 Published JUN 2022	N. aut = 13 Q1	1.23

			DOI10.3390/polym14122508 eISSN 2073-4360 WOS:000816215200001 https://www.mdpi.com/2073-4360/14/12/2508		
			23. Lucrare care citeaza: Wu, LJ; Chen, ML; (...); Zhu, WK, Nano-SiO ₂ -Modified Waterborne Acrylic Acid Resin Coating for Wood Wallboard, COATINGS, Volume12 Issue10, Article Number 1453, Published OCT 2022 DOI10.3390/coatings12101453 eISSN 2079-6412 WOS:000872335900001 https://www.mdpi.com/2079-6412/12/10/1453	N. aut = 13	0.61
			24. Lucrare care citeaza: Osman, AF; El Balaa, H; (...); Badawi, MS, <i>Assessment of X-ray shielding properties of polystyrene incorporated with different nano-sizes of PbO</i> , Radiation and Environmental Biophysics, Volume62 Issue2 Page235-251 Published MAY 2023 DOI10.1007/s00411-023-01017-4 ISSN 0301-634X, WOS:000953667000002 https://2510g9f4q-y-https-link-springer-com.z.e-nformation.ro/article/10.1007/s00411-023-01017-4	N. aut = 13	0.61
			25. Lucrare care citeaza: Chutia, S and Phukan, K, Liquefied petroleum gas sensing activity of betel nut fiber-polyaniline conducting composites synthesized by time-controlled in situ polymerization, Journal of Applied Polymer Science, Volume140 Issue28 Published JUL 20 2023 DOI10.1002/app.54037 ISSN 0021-8995, WOS:000982500600001 https://2510b9f4y-y-https-onlinelibrary-wiley-com.z.e-nformation.ro/doi/10.1002/app.54037?_cf_chl_rt_tk=UyZINX5eHgZDVblUfV7t5uagE01LUKYpWvnaKbj8SN8-1695968112-0-gaNycGzNCzs	N. aut = 13 Q2	1.23
			Lucrare citata Pircalabioru, G., Iliescu, F., Mihaescu, G., Cucu, I., Ionescu, O., Popescu, M., Simion, M., Burlibasa, L., Tica, M., Chifiriuc, M., Iliescu, C., „Advances in the rapid diagnostic of viral respiratory tract infections” in Frontiers in Cellular and Infection Microbiology, section Clinical Microbiology, Volume12 Article Number807253 DOI10.3389/fcimb.2022.807253 PublishedFEB 10 2022, Indexed2022-03-28Document TypeReviewEdited by: Luc Bissonnett WOS:000766909600000 https://www.frontiersin.org/articles/10.3389/fcimb.2022.807253/full WOS:000766909600000	N. aut = 11	
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			Lucrare citata Maniadi, A., Vamvakaki, M., Suche, M., Tudose, I., Popescu, M., Romanitan, C., Pachi, C., Ionescu, O., Viskadourakis, Z., Kenanakis, G., Emmanouel, K., „Effect of graphene nanoplatelets on the structure, the morphology and the dielectric behavior of low density polyethylene nanocomposites” MATERIALS, ISSN 1996-1944 Volume: 13 Issue: 21, Article Number: 4776 DOI: 10.3390/ma13214776 Published: NOV 2020 PubMed ID: 33114722/ eISSN: 1996-1944 https://www.mdpi.com/1996-1944/13/21/4776 Accession Number: WOS:000589393500001	Nr.aut=11	
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			43. Lucrare care citeaza Pinelli, F; Nespoli, T; Rossi, F, <i>Graphene nanoplatelets can improve the performances of graphene oxide - polyaniline composite gas sensing aerogels</i> CARBON TRENDS, Volume5 Article Number 100123, Published OCT 2021 DOI10.1016/j.cartre.2021.100123 ISSN 2667-0569, WOS:001022751700045 https://2510a9ff2-y-https-www-sciencedirect-com.z.e-nformation.ro/science/article/pii/S2667056921001000?via%3Dihub	Nr.aut=11	0.72
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			47. Lucrare care citeaza: Mehmood, K; Rehman, AU; Amin, N; Morley, NA; Arshad, MI <i>Graphene nanoplatelets/Ni-Co-Nd spinel ferrite composites with improving dielectric properties</i> Journal of Alloys and Coumpounds, Volume 930 Article Number 167335Published January 2023 DOI10.1016/j.jallcom.2022.167335 ISSN 0925-8388, WOS:000875505500003 https://2510a9ff2-y-https-www-sciencedirect-com.z.e-nformation.ro/science/article/pii/S0925838822037264?via%3Dihub	Nr.aut=11 Q1	1.454
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			70. Lucrare care citeaza Cobianu, C; Serban, BC; (...); Cobianu, C, Organic-Inorganic Ternary Nanohybrids of Single-Walled Carbon Nanohorns for Room Temperature Chemiresistive Ethanol Detection; Nanomaterials, Volume10 Issue12 Article Number 2552 Published DEC 2020 DOI10.3390/nano10122552, eISSN 2079-4991 WOS:000602421800001 https://www.mdpi.com/2079-4991/10/12/2552	N. aut. =10 Q2	1.6
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			Lucrare citată: Pascariu, P., Vernardou, D., Suchea, M., Airinei, A., Ursu, L., Bucur, S., Tudose, I., Ionescu, O., Koudoumas, E., „<i>Tuning electrical properties of polythiophene/nickel nanocomposites via fabrication</i>”, Materials & Design, ISSN 0264-1275 Volume: 182, Article Number: UNSP 108027, DOI: 10.1016/j.matdes.2019.108027, Published: NOV 15 2019 https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=https%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&Is	N. aut. =9	

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			79. Lucrare care citeaza Adedaja, OS; Sadiku, ER and Hamam, Y; <i>Prospects of Hybrid Conjugated Polymers Loaded Graphene in Electrochemical Energy Storage Applications; Journal of Inorganic and Organometallic Polymers and Materials; MAY 2023 Indexed 2023-05-24</i> DOI10.1007/s10904-023-02664-2 ISSN 1574-1443, WOS:000980406400003	N. aut. =9	0.88

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			Lucrare citata: Paun, C; Tomescu, R; Parvulescu, C; Ionescu, O; Gavrilă, DE; Cristea, D Microheater optimized for the integration with metasurface-based IR sources for gas sensing application, Romanian Journal Of Information Science And Technology, Volume24, Issue2, Page201-212, Special IssueSI, Published2021, Indexed2021-07-09record/ https://www.romjist.ro/full-texts/paper688.pdf WOS:000668010700005	N. aut = 6	

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			Lucrare citată: Serban, B., Buiu, O., Brezeanu M., Ionescu. O., Cobianu, C., „<i>Short communication Nanostructured semiconducting metal oxides for ethanol gas sensing. A possible HSAB interpretation</i>” Romanian Journal Of Information Science And Technology, Volume: 21 Issue: 1 Pages: 93-96, Published: 2018 https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RR&SID=D4p95UrMQ7hDzkZHkTk&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000433876800007	N. aut. = 5	
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			Lucrare citată: Oproiu, A., Lascar, I., Moldovan, C., Dontu, O., Pantazica, M., Mihaila, C., Florea, C., Dobrescu, L., Sebe, I., Scarlet, R., Dobrescu, D., Neagu, T., Ionescu, O., Stoica, I., Edu, A., „<i>Peripheral Nerve WIFI Interfaces and Electrodes for Mechatronic Prosthetic Hand</i>” Romanian Journal Of Information Science And Technology, Volume: 21 Issue: 2 Pages: 129-138, Published: 2018 https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RRC&SID=D4p95UrMQ7hDzkZHkTk&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000455899600003	N. aut. = 15	
			92. Lucrarea care citeaza: Carbunaru, V., Ciotei, A., Zaharia, M., „<i>Managing radial nerve injuries associated with humeral fracture</i>”, Romanian Journal Of Military Medicine , Volume: 123 , Issue: 1 Pages: 32-36 Published: FEB 2020	N. aut. = 15	0.5333

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			94. Lucrarea care citeaza: Popescu, S., „ <i>Analysis of Stress and Prediction of the Defects of an Ankle Prosthesis Using the Autodesk Inventor Software</i> ”, Revista De Chimie , Volume: 70 , Issue: 6 , Pages: 1942-1946 , Published: JUN 2019 ISSN 0034-7752, WOS:000475860100011 https://revistadechimie.ro/pdf/11%20POPESCU%20ST%206%2019.pdf	N. aut. = 15	0.5333
			95. Lucrarea care citeaza: Moldovan, C., Barbilian, A., Stergios, G., et al., „ <i>Design and fabrication of tubes-guided structure with electrical stimulation module for neural regeneration and in-vivo testing</i> ” Romanian Journal Of Information Science And Technology ,Volume: 22 , Issue: 2 Pages: 135-142 , Published: 2019 ISSN 1453-8245, WOS:000472166600004 https://www.romjist.ro/full-texts/paper624.pdf	N. aut. = 15	0.5333
			96. Lucrarea care citeaza: Dinache, G., Drignei, Marinel., Ganatsios, Stergios., et al., „ <i>Theoretical Aspects, Modern Treatment Options and Practical Case Presentations in Hip and Knee Tumoral and Revision Bone Defect Reconstruction Surgery</i> ”, Revista De Chimie Volume: 69 Issue: 12 Pages: 3664-3668 Published: DEC 2018 ISSN 0034-7752, WOS:000458533800071 https://bch.ro/pdfRC/71%20DINACHE%2012%2018.pdf	N. aut. = 15	0.5333
			97. Lucrarea care citeaza: Calin, C., Drignei, M., Ganatsios, S., et al., „ <i>The Role of Osteosynthesys Materials in the Etiopathology of Bone Malignant Tumors and Reconstruction Possibilities Case Report</i> ” Revista De Chimie, Volume: 69 , Issue: 12 , Pages: 3669-3674 , Published: DEC 2018 ISSN 0034-7752, WOS:000458533800072 https://bch.ro/pdfRC/72%20CEZAR%20IONUT%2012%2018.pdf	N. aut. = 15	0.5333

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			99. Lucrarea care citeaza: Paraschiv, R., Dinache, G., Drignei, M., et al., „ <i>Lateral Extraarticular Tenodesis in Combined ACL and ALL Reconstruction Case presentation</i> ”, Revista De Chimie,Volume: 69 , Issue: 12 , Pages: 3749-3752 , Published: DEC 2018 ISSN 0034-7752, WOS:000458533800090 https://bch.ro/pdfRC/90%20PARASCHIV%20R%2012%2018.pdf	N. aut. = 15	0.5333
			Lucrare citată: Pascariu, P., Tudose, I., Pachiu, C., Danila, M., Ionescu, O. , Popescu, M., Koudoumas, E., Suche, M., „ <i>Graphene and TiO₂ - PVDF nanocomposites for potential applications in triboelectronics</i> ”, Edited by: Brezeanu, G., Ciurea, M., Cristea, D., Dinescu, M., Dobrescu, D., Dragoman, M., Muller, A., Muller, R., Neculoiu, D., CAS 2018 PROCEEDINGS: 2018 International Semiconductor Conference, Pages: 237-240 Published: 2018 https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RR&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000514386700047	N. aut. = 8	
			100. Lucrarea care citeaza: Veved, A., Ejub, G., Djongyang, N., „ <i>Study of the optoelectronic and piezoelectric properties of ZrO₂ doped PVDF from quantum chemistry calculations</i> ” Chinese Journal Of Physics, Volume: 63 , Pages: 213-219 , Published: FEB 2020 DOI10.1016/j.cjph.2019.10.022, ISSN 0577-9073 WOS:000508893300022 https://apps-webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=593393556&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=137&parentDoc=1&excludeEventConfig=ExcludelfFromFullRecPage	N. aut. = 8	1
			101. Lucrarea care citeaza: Homocianu, M., Pascariu, P., „ <i>Electrospun Polymer-Inorganic Nanostructured Materials and Their Applications</i> ” Polymer Reviews Volume: 60 Issue: 3 Pages: 493-541 Published: JUL 2 2020 DOI10.1080/15583724.2019.1676776, ISSN 1558-3724 WOS:000494150400001 https://apps-webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=593393556&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=137&parentDoc=1&excludeEventConfig=ExcludelfFromFullRecPage	N. aut. = 8 Q1	2

rentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage		
102.Lucrarea care citeaza: Veved, A., Ejuh, G., Djongyang, N.,,, <i>Effect of HfO2 on the dielectric, optoelectronic and energy harvesting properties of PVDF</i> ", OPTICAL AND QUANTUM ELECTRONICS Volume: 51 Issue: 10 Article Number: 330 Published: OCT 2019 DOI10.1007/s11082-019-2042-2, ISSN 0306-8919 WOS:000490535700003 https://apps-webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=593393556&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=137&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage	N. aut. = 8	1
103.Lucraare care citeaza: Pascariu, P; Cojocaru, C; (...); Airinei, A; Novel electrospun membranes based on PVDF fibers embedding lanthanide doped ZnO for adsorption and photocatalytic degradation of dye organic pollutants; Materials Research Bulletin; Volume141 Article Number 111376 Published SEP 2021 DOI10.1016/j.materresbull.2021.111376 ISSN 0025-5408 WOS:000659898500027 https://2510a9i19-y-https-www-sciencedirect-com.z.e-nformation.ro/science/article/abs/pii/S0025540821001732?via%3Dihub	N. aut. = 8	1
104.Lucrarea care citeaza Veved, A; Ejuh, GW and Djongyang, N; Review of emerging materials for PVDF-based energy harvesting; ENERGY REPORTS; Volume8 Page12853-12870 Published NOV 2022 DOI10.1016/j.egy.2022.09.076 ISSN 2352-4847, WOS:000877517000006 https://2510a9i19-y-https-www-sciencedirect-com.z.e-nformation.ro/science/article/pii/S2352484722018017?via%3Dihub	N. aut. = 8	1
105.Lucrarea care citeaza Wannarumon, P; Limsuwan, P; (...); Somdock, N, Triboelectric Nanogenerator Prepared from Poly(vinylidene Fluoride-Hexafluoropropylene) Polymer Composite, Integrated Ferroelectrics Volume239Issue1Page78-93 Published NOV 22 2023 DOI10.1080/10584587.2023.2234612 https://2510qbyfg-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:001094012500009 WOS:001094012500009	N. aut. = 8	1

106.Lucrare care citeaza: Zhang, WR; Wu, GH; (...); Lei, ZY; The Preparation, Structural Design, and Application of Electroactive Poly(vinylidene fluoride)-Based Materials for Wearable Sensors and Human Energy Harvesters; Polymers; Volume15 Issue13 Article Number 2766 Published JUL 2023 DOI10.3390/polym15132766 eISSN 2073-4360, WOS:001028660100001 https://www.mdpi.com/2073-4360/15/13/2766	N. aut. = 8 Q1	2
107. Lucrare care citeaza Veved, A; Ejub, GW and Djongyang, N , Evaluation of the output voltage and amperage of a piezoelectric microgenerator based on HfO2 and ZrO2-doped PVDF Journal of Material Science- Materials in Electronics Volume34 Issue15 Article Number 1210 Published MAY 2023 ISSN 0957-4522 https://2510qbyfg-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000994317900009 DOI10.1007/s10854-023-10648-8 WOS:000994317900009	N. aut. = 8 Q2	2
Lucrare citată: Dumitru, V., Costea, S., Brezeanu, M., Stan, G., Besleaga, C., Galca, A., Ionescu, G., Ionescu, O.,,, <i>InN Based Water Condensation Sensors on Glass and Flexible Plastic Substrates</i> „SENSORS, Volume: 13 Issue: 12 Pages: 16940-16949 DOI: 10.3390/s131216940, Published: DEC 2013 https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RR&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000330220600059	N. aut. = 8	
108.Lucrare care citeaza: Shin, J; Noh, S; (...); Kim, JS; <i>Structural and Optical Properties of InN Nanowires Formed on Si(111); Applied Science and Convergence Technology; Volume31 Issue6 Page141-144 Published NOV 2022</i> DOI10.5757/ASCT.2022.31.6.141 ISSN 2288-6559 http://www.e-asct.org/journal/view.html?doi=10.5757/ASCT.2022.31.6.141	N. aut. = 8	1
109.Lucrare care citeaza: Zhang, Q; Wang, Y; (...); Fu, YQ; <i>Piezoelectric Smart Patch Operated with Machine-Learning Algorithms for Effective Detection and Elimination of Condensation; ACS Sensors; Volume6 Issue8 Page3072-3081 Published AUG 27 2021</i> DOI10.1021/acssensors.1c01187 ISSN 2379-3694 WOS:000894939400005 https://2510z9i49-y-https-pubs-ac-s-org.z.e-	N. aut. = 8 Q1	2

information.ro/doi/10.1021/acssensors.1c01187		
110.Lucrare care citeaza Besleaga, C., Galca, A., Miclea, C., et al „Physical properties of AlxIn1-xN thin film alloys sputtered at low temperature”, Journal Of Applied Physics ,Volume: 116 , Issue: 15 , Article Number: 153509, Published: OCT 21 2014 DOI10.1063/1.4898565ISSN 0021-8979, WOS:000344345400018 https://apps-webofknowledge-com.am.e-information.ro/CitingArticles.do?product=WOS&REFID=462868047&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=146&parentDoc=1&excludeEventConfig=ExcludelfFromFullRecPage	N. aut. = 8 Q2	2
Lucrare citată: Ionescu, O. , Ionescu, G., Minescu, M., Nae, I., „Research On Life Prolongation For Temperature Sensors Placed In Highly Erosive Environment”, Journal Of The Balkan Tribological Association, Volume: 19 Issue: 2 Pages: 214-220 Published: 2013, https://apps-webofknowledge-com.am.e-information.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RR&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000321796300005	N. aut. = 4	
111.Lucrare care citeaza Panaitescu, C., Petrescu, M., „Research About the Corosive Effects of FeCl3 in the Aeration Wastewater Basin”, Conference: 9th International Conference on Tribology (Balkantrib) Location: TURKEY Date: SEP 13-15, 2017 9TH INTERNATIONAL CONFERENCE ON TRIBOLOGY (BALKANTRIB'17) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 295 Article Number: UNSP 012039 Published: 2018 DOI10.1088/1757-899X/295/1/012039, ISSN 1757-8981 WOS:000448617300039 https://apps-webofknowledge-com.am.e-information.ro/CitingArticles.do?product=WOS&REFID=455298281&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=155&parentDoc=1&excludeEventConfig=ExcludelfFromFullRecPage	N. aut. = 4	2
112.Lucrare care citeaza Ripeanu, R., Minescu, M., Nita, C., „A Wear Behaviour Of Antifriction Coatings Applied At Parallel Gate Valves, Journal Of The Balkan” Tribological Association Volume: 22 Issue: 1 Pages: 240-249 Published: 2016 ISSN 1310-4772 WOS:000374619000023, https://apps-webofknowledge-com.am.e-information.ro/CitingArticles.do?product=WOS&REFID=455298281&SID=C2e2h2LN7I	N. aut. = 4	2

bGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=155&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage		
113. Lucrare care citeaza Dudu, C; Drumeanu, AC; (...); Dinita, A, Some considerations regarding the influence of working conditions on the corrosion wear of the injection water treatment plant equipment INTERNATIONAL CONFERENCE ON TRIBOLOGY (ROTRIB'19) Volume724 Book Series IOP Conference Series-Materials Science and Engineering DOI10.1088/1757-899X/724/1/012033 WOS:000619349400033 https://2510qbyfg-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000619349400033	N. aut. = 4	2
114. Lucrare care citeaza Hagianu, A; Nae, I; (...); Ripeanu, RG Research on mechanical and geometrical characteristics of materials used for flexible tubing production, INTERNATIONAL CONFERENCE ON TRIBOLOGY (ROTRIB'19) Volume724 Book Series IOP Conference Series-Materials Science and Engineering DOI10.1088/1757-899X/724/1/012004 WOS:000619349400004 https://2510qbyfg-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000619349400004	N. aut. = 4	2
Lucrare citata Ionescu, O., Ionescu, G., Minescu, M., Nae, I.,,Studies On Wear Protection Of Humidity Sensor In A Sand Drying Plant, Journal Of The Balkan Tribological Association”Volume: 18 Issue: 1 Pages: 51-57,Published: 2012, WOS:000302843400006 STUDIES ON WEAR PROTECTION OF HUMIDITY SENSOR IN A SAND DRYING PLANT-Web of Science Core Collection (e-nformation.ro)	N. aut. = 4	
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Lucrare citată: Ionescu, G., Ionescu, O. , Popovici, S., Costea, S., Dumitru, V., Brezeanu, M., Stan, G., Pasuk, I., „Wireless AIN sensor for condition based monitoring of industrial equipment”, International Semiconductor Conference (CAS), VOLS 1-2, Book Group Author(s):IEEE, Book Series: International Semiconductor Conference, Pages: 55-58, Published: 2013, https://apps-whoofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=https%3A%2F%2Fwww.whoofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000330180800011	N. aut. = 8	
116.Lucrarea care citeaza: Besleaga, C., Dumitru, V., Trinca, L., et al., <i>Mechanical, Corrosion and Biological Properties of Room-Temperature Sputtered Aluminum Nitride Films with Dissimilar Nanostructure</i> ”, Nanomaterials, Volume: 7 , Issue: 11 , Article Number: 394, Published: NOV 2017 DOI10.3390/nano7110394, ISSN 2079-4991 WOS:000416783800049 https://apps-whoofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=463930059&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=164&parentDoc=1&excludeEventConfig=ExcludelfFromFullRecPage	N. aut. = 8 2Q2	2
117.Lucrarea care citeaza: Ionescu, G., Nae, I., Ripeanu, R., et al., <i>Studies on Tribological Behavior of Aluminum Nitride-Coated Steel</i> ”Conference: 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 201613TH INTERNATIONAL CONFERENCE ON TRIBOLOGY (ROTRIB'16) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 174 Article Number: UNSP 012052 Published: 2017 DOI10.1088/1757-899X/174/1/012052 ISSN1757-8981 WOS:000399753500052 https://apps-whoofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=463930059&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=164&parentDoc=1&excludeEventConfig=ExcludelfFromFullRecPage	N. aut. = 8	1

118. Lucrare care Citeaza Hagianu, A; Nae, I; (...); Ripeanu, RG , Research on mechanical and geometrical characteristics of materials used for flexible tubing production, INTERNATIONAL CONFERENCE ON TRIBOLOGY (ROTRIB'19) Volume724 Book Series IOP Conference Series-Materials Science and Engineering DOI10.1088/1757-899X/724/1/012004 https://2510wbyuz-y-https-iopscience-iop-org.z.e-nformation.ro/article/10.1088/1757-899X/724/1/012004 WOS:000619349400004	N. aut. = 8	1
Lucrare citată: Ionescu, O., Pricop, E., „<i>On the design of a system for airport protection against terrorist attacks using</i>” MANPADs, Ieee International Conference On Systems, Man, And Cybernetics (SMC 2013) Book Group Author(s):IEEE Book Series: IEEE International Conference on Systems Man and Cybernetics Conference Proceedings, Pages: 4778-4782, DOI: 10.1109/SMC.2013.813,,Published: 2013 https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RR&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000332201904156	N. aut. = 2	
119.Lucrarea care citeaza: Rosca, C., Paraschiv, N.,Frequency sampling algorithm applied in microwave measurementsConference: 21st International Conference on System Theory, Control and Computing (ICSTCC) Location: Sinaia, ROMANIA Date: OCT 19-21, 2017 21ST INTERNATIONAL CONFERENCE ON SYSTEM THEORY, CONTROL AND COMPUTING (ICSTCC) Book Series: International Conference on System Theory Control and Computing Pages: 328-333 Published: 2017 ISSN 2372-1618 WOS:000427419900053 https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=CitingArticles&IsProductCode=Yes&Init=Yes&viewType=summary&action=search&UT=WOS%3A000332201904156	N. aut. = 2	4
Lucrare citată: Ionescu, G.,Ionescu, O., Antonescu, N., Nae, I., „<i>New Image Processing Based Method For Automated Welding Technology</i>”, Journal Of The Balkan Tribological Association,Volume: 16 Issue: 2 Pages: 189-196, Published: 2010 https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RR&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000280725400003	N. aut. = 4	

			120. Lucrare care citeaza Ginghina, R., Tiganescu, T., Iorga, G., et al., <i>Influence Of Controlled Smelting Conditions On The Inclusional State Of Some Maraging Steels</i> ”University Politehnica Of Bucharest Scientific Bulletin Series B-Chemistry And Materials Science Volume: 82 Issue: 2 Pages: 175-184 Published: 2020 ISSN 1454-2331 WOS:000550842800016 https://apps-whoofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=336401428&SID=C2e2h2LN71bGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=193&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage	N. aut. = 4	2
			Lucrare citata Marinescu, R., Șerban, B., Cobianu, C., Dumbrăvescu, N., Ionescu, O., Buiu, O., Ghiculescu, L., Mechanical Properties Of Carbon-Based Nanocomposites For Sensors Used In Biomedical Applications, U.P.B. Sci. Bull., Series B, Vol. 83, Iss. 1, 2021 ISSN 1454-2331 https://www.scientificbulletin.upb.ro/rev_docs_arhiva/rez5ae_106907.pdf WOS:000627764100004	N. aut = 7	
			121. Lucrare care citeaza Serban, BC; Buiu, O; (...); Comanescu, F, Ternary Holey Carbon Nanohorns/TiO2/PVP Nanohybrids as Sensing Films for Resistive Humidity Sensors, Coatings, Volume11Issue9 Article Number1065DOI10.3390/coatings11091065 WOS:000699432300001 https://www.mdpi.com/2079-6412/11/9/1065	N. aut = 7 Q2	2.28
			Lucrare citata Loreggia, D.,; Capobianco, G., Fineschi, S., Massone, G., Thizy, C., Galy, C., Ionescu O., et all 12 Author(s), „The Occulter Position Sensor Emitters (OPSE) metrology sub-system for the PROBA-3 mission”, IEEE 5th International Workshop on Metrology for AeroSpace (MetroAeroSpace), 2019, WOS:000713898100088 https://ieeexplore.ieee.org/document/8869628 , https://www.scopus.com/authorid/detail.uri?authorId=35299353200	N. aut = 12	
			122. Lucrare care citeaza Bernardini, N; Baresi, N; (...); Matthews, SA, Trajectory design of Earth-enabled Sun occultation missions, Acta Astronautica, Volume195 Page251-264 Published JUN 2022 DOI10.1016/j.actaastro.2022.02.027 WOS:000780401100007 https://2510qbyfg-y-https-www-webofscience-com.z.e-nformation.ro/wos/woscc/full-record/WOS:000780401100007	N. aut = 12 Q1	1.33

			Lucrare citata Ionescu, O., Dumitru, V., Pricop, E., Buiu, O., Cobianu, C., Raneti, M., Pircalabu, S., Marica, C., „On the development of a robust cyber security system for Internet of Things devices”, 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI, Pagini 1-5) JUN 27-29, 2019, ISBN:978-1-7281-1624-2, ISSN: 2378-7147 Accession Number: WOS:000569985400049 https://ieeexplore.ieee.org/abstract/document/9042004	N. aut = 8	
			123. Lucrare care citeaza VanYe, CM; Li, BE; (...); Lambert, JH, Trust and Security of Embedded Smart Devices in Advanced Logistics Systems, 2021 SYSTEMS AND INFORMATION ENGINEERING DESIGN SYMPOSIUM (IEEE SIEDS 2021) , Page204-209 Published 2021 ISBN 978-1-6654-1250-6 https://2510qbyfg-y-https-www-webofscience-com.z-e-nformation.ro/wos/woscc/full-record/WOS:000828133400037 WOS:000828133400037	N. aut = 8	1
			Lucrare citata Cobianu, C., Dumbravescu, N., Serban, B., Buiu, O., Comanescu, F., Romanitan, C., Danila, M., Avramescu, V., Ionescu, O., „Facile 3D nanostructured ZnO-graphene hybrids for gas sensing applications”, Edited by: Brezeanu, G; Ciurea, ML; Cristea, D; Dinescu, MA; Dobrescu, D; Dragoman, M; Muller, A; Muller, R; Neculoiu, D Book Series: International Semiconductor Conference, (Cas 2019), 42nd Edition Pages: 27-30, Published: 2019, WOS:000514295300004 https://ieeexplore.ieee.org/abstract/document/8923765	N. aut. = 8	
			124. Lucrare care citeaza Li, ZF; Dong, J; (...); Wang, ZH Sonochemical catalysis as a unique strategy for the fabrication of nano-/micro-structured inorganics, NANOSCALE ADVANCES, Volume3Issue1Page41-72 DOI10.1039/d0na00753f https://pubs.rsc.org/en/content/articlelanding/2021/NA/D0NA00753F WOS:000608482500003	N. aut. = 8 Q2	2
Total Partial A3.1.1					216.215

7 Se exclud autocitățile (auto-citarea se referă la situația în care numele candidatului apare simultan atât printre numele autorilor referinței bibliografice în cauză cât și printre numele autorilor articolului care citează, conform WOS https://images.webofknowledge.com/WOKRS523R4/help/WOS/hs_crsearch_self_citations.html)

8 Se dublează punctajul dacă citarea provine dintr-o revistă cotată ISI aflată printre primele 50% în cadrul subdomeniului (sau al unuia dintre subdomeniile) de acreditare ISI din punct de vedere al factorului de impact (zonele Q1-Q2 în notația ISI)

		A3.1.2.	BDI ⁴	4 / nr. aut. articol citat	
			Lucrare citată: Ionescu, O., Ionescu, G., Minescu, M., Nae, I., „ <i>Research On Life Prolongation For Temperature Sensors Placed In Highly Erosive Environment</i> ”, Journal Of The Balkan Tribological Association, Volume: 19 Issue: 2 Pages: 214-220 Published: 2013, https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000321796300005	N. aut. = 4	
			1. Lucrare care citează: Pătrînac, I., Ripeanu, R., and Laudacescu, E., „ <i>Abrasive flow modelling through active parts water jet machine using CFD simulation</i> ”, Published under licence by IOP Publishing Ltd IOP Conference Series: Materials Science and Engineering, Volume 724, International Conference on Tribology (ROTRIB'19) 19–21 September 2019, Cluj-Napoca, Romania, Link: https://iopscience.iop.org/article/10.1088/1757-899X/724/1/012001/meta (Indexed in Scopus)	N. aut. = 4	1
			Lucrare citată: Ionescu, G., Ionescu, O., Antonescu, N., Nae, I., „ <i>New Image Processing Based Method For Automated Welding Technology</i> ”, Journal Of The Balkan Tribological Association, Volume: 16 Issue: 2 Pages: 189-196, Published: 2010 https://apps-webofknowledge-com.am.e-nformation.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000280725400003	N. aut. = 4	
			2. Lucrare care citează: Ajwad, S., Mehmood, A., Ullah, M., Iqbal, J., „ <i>Optimal v/s robust control: A study and comparison for articulated manipulator</i> ”, Journal of the Balkan Tribological Association Vol. 22, No 3, 2460–2466 (2016), https://www.researchgate.net/publication/309195236_Optimal_vs_robust_control_A_study_and_comparison_for_articulated_manipulator (Indexe in SCOPUS) (Indexed in SCOPUS)	N. aut. = 4	1
			3. Lucrare care citează: Ajwad, S., Ullah, M., Baizid, K., Iqbal, J., „ <i>A comprehensive state-of-the-art on control of industrial articulated robots</i> ”, Journal of the Balkan Tribological Association Vol. 20, No 4, 499–521 (2014), https://www.researchgate.net/publication/279113522_A_comprehensive_state-of-the-art_on_control_of_industrial_articulated_robots (Indexed in SCOPUS)	N. aut. = 4	1

		Lucrare citată: Nae, I., Ionescu, G., Ionescu, O.,,, <i>Assembling, Blowout Preventers, Microsoft Project, ProjectImprovements in quality assurance for blowout preventers assembling/disassembling and maintenance operations</i> ”, Applied Mechanics and Materials(Volume 555), Pages:811-815 DOI: https://doi.org/10.4028/www.scientific.net/AMM.555.811 https://www.scientific.net/AMM.555.811	N. aut. = 3	
		4. Lucrare care citează: Shafiee, M., Elusakin,T.,Enjema,E.,,, <i>Subsea blowout preventer (BOP): Design, reliability, testing, deployment, and operation and maintenance challenges</i> ”, Journal of Loss Prevention in the Process IndustriesVolume 66, July 2020, 104170, Link: https://www.sciencedirect.com/science/article/abs/pii/S095042301930542X (SCOPUS indexed)	N. aut. = 3	1.3333
		5. Lucrare care citează: Tang,Y.,Liu, Q., Xie,C.,Chen,S.,,, <i>Study on stress distribution of a subsea Ram BOP body based on simulation and experiment</i> ”, https://www.sciencedirect.com/science/article/abs/pii/S1350630715000096 (SCOPUS indexed)	N. aut. = 3	1.3333
Total Partial A3.1.2				5.666
	Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI ⁹	A3.2.		10 / fiecare revistă/manifestare
			Membru al comitetului de organziare al International Workshop on Systems Safety & Security- IWSSS 2020 , online event (e-event) due to the COVID-19 pandemic 25-26 iunie 2020, Bucuresti, România, https://iwsss.org/2020/#committee	10
			Membru al comitetului de organziare si Co-Chair al International Workshop on Systems Safety & Security - IWSSS 2019 , 27 - 29 JUNE, 2019 / PITESTI, ROMANIA. https://iwsss.org/2019/#committee	10

⁹ Nu se considera calitatea de recenzor al unor articole individuale

Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice indexate BDI ⁹	A3.3.		6 / fiecare revistă/manifestare		
		Membru al comitetului de organizare al International Workshop on Systems Safety & Security- IWSSS 2022, organised at Petroleum-Gas University of Ploiesti 30.06.2022-06.07.2022 https://iwsss.org/2022/#committee		6	
		Membru al comitetului de organizare al International Workshop on Systems Safety & Security- IWSSS 2023, , organised at Politehnica University of Bucharest Faculty of Elctronics, Telecommunications and Information Technology 29.06.2023-30.06.2023 https://iwsss.org/2023/#committee		6	
		Chair -Integrated Circuits section 2024 International Semiconductor Conference (CAS) October 9 - 11, 2024 Sinaia, Romania https://www.imt.ro/cas/2024/CAS%202024_program.pdf		6	
Premii în domeniu conferite de Academia Română, ASTR, AOSR sau premii internaționale de prestigiu	A3.4.		15/ premiu		
Total Patial A3.2 , A3.3 si A3.4					38
TOTAL A3					259.8814

2. Formula de calcul a indicatorului de merit (A=A1+A2+A3)

$A = \square iK1i + \square iK2i + \square iK3i$, unde k_{pi} – Indice specific tipului și categoriei de activitate

Data

24/11/2024

Candidat

Dr. Ing. Ionescu Octavian

¹⁰ Revistă cotate ISI aflată printre primele 50% în cadrul subdomeniului (sau al unuia dintre subdomeniile) de acreditare ISI din punct de vedere al factorului de impact (zonele Q1-Q2 în notația ISI); Situația revistelor în top 25-50% (Q1,Q2) se consideră fie la momentul publicării, fie la data înscrierii la concurs. Una și numai una dintre lucrările necesare poate fi echivalată cu: (un brevet de invenție indexat WOS- Derwent) sau (1 articol în conferințe internaționale de top în domeniul de abilitare, lista acestora agreată și ținută la zi de comisia

¹¹ Lucrarea citată nu este obligatoriu sa fie indexată WOS.

¹² Pentru brevete se consideră factorul de impact echivalent 0.5, pentru celelalte publicații conform notei de subsol 3

Abrevieri: BDI = bază de date internațională; ISI = baza de date internațională Institute for Scientific Information Web of Science; WOS = ISI Web of Science; OSIM = Oficiul de Stat pentru Invenții și Mărci; WIPO = World Intellectual Property Organization (Organizația Mondială a Proprietății Intelectuale); EPO = European Patent Office (Oficiul European de Patente); USPTO = United States Patent and Trademark Office (Oficiul de Brevete și Mărci a Statelor Unite ale Americii; JPO = Japan Patent Office (Oficiul de Brevete al Japoniei)