

UNIVERSITATEA PETROL - GAZ DIN PLOIEȘTI
FACULTATEA INGINERIE MECANICĂ ȘI ELECTRICĂ
DEPARTAMENTUL AUTOMATICĂ, CALCULATOARE ȘI ELECTRONICĂ

Anexa4

Concurs pentru ocuparea postului de conferențiar universitar, poziția 13

Disciplinele postului: *Arhitecturi de calcul avansate; Conversoare statice de putere; Microcontrolere; Microcontrolere și automate programabile*

Domeniul: *Calculatoare, tehnologia informației și ingineria sistemelor*

FIȘA DE VERIFICARE

a îndeplinirii standardelor universității de prezentare la concursul pentru postul de conferențiar universitar

Candidat: Dr. Ing. Ionescu Octavian Narcis

1. Studiile de doctorat

Nr. crt.	Instituția organizatoare de doctorat	D o m e n i u l	Perioada	Titlul științific acordat
1.	Universitatea Petrol-Gaze din Ploiești	Ingineria Sistemelor	03.10.1999 – 18.05.2005	Doctor

2. Îndeplinirea standardelor minime de prezentare pentru postul de conferențiar 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	3,125
				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 = 50 Capitol = ¼	

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.

				2. Bogdan - Catalin Serban, Marius Bumbac, Octavian Ionescu, Viorel Dumitru, Mihai Brezeanu, Octavian Buiu, Cornel Cobianu <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
				3. United Nations. Monitoring, Verification and Inspection Commission Al Samoud 2 Missile programme- From the Al Samoud 500mm to the Al Samoud 760mm” Classified due to nonproliferation issues.	N,aut. = 3 Kp = 50	16,66
				4. United Nations. Monitoring, Verification and Inspection Commission Status of Iraqi Programmes on Remotely Piloted Vehicles (RPV) and Unmanned Aerial Vehicles (UAV) Classified due to nonproliferation issues.	N,aut. = 3 Kp = 50	16,66
				5. United Nations. Monitoring, Verification and Inspection Commission Monitoring in the missiles area Classified due to nonproliferation issues.	N,aut. = 2 Kp = 50	25
				6. United Nations. Monitoring, Verification and Inspection Commission <i>Compendium of Iraq's Proscribed Weapons Programmes in the Chemical, Biological and Missile Areas United Nations, 2007</i> <i>Chapter IV Missile programme</i> https://web.archive.org/web/20130318084012/http://www.un.org/depts/unmovic/new/pages/compendium.asp http://onlinebooks.library.upenn.edu/webbin/book/lookupid?key=olbp60650	N,aut. = 1 Kp = 50 Capitol = ¼	12,5
				7. United Nations. Monitoring, Verification and Inspection Commission <i>Compendium of Iraq's Proscribed Weapons Programmes in the Chemical, Biological and Missile Areas United Nations, 2007</i> <i>Chapter VI Procurement</i> https://web.archive.org/web/20130318084012/http://www.un.org/depts/unmovic/new/pages/compendium.asp http://onlinebooks.library.upenn.edu/webbin/book/lookupid?key=olbp60650	N,aut. = 5 Kp = 50 Capitol = ¼	2,5
			A1.1.2	Naționale	50/nr. de autori	
				3 Ioan Dumitrescu, Gheorghe Cremenescu, Cristian Bucur, Ioan Savulescu, Cornel Ianache, Dragomir Orhei, Octavian Dinu, Liana Georgescu, Bogdan Mirodotescu, Ionescu Octavian , Augustina Teodoroiu, Masurari Electronice , Editura AGIR, Bucuresti, ISBN 973-8130-48-4, Bucuresti 2001.	N. aut. = 11 Kp = 50	4.5454
	Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A1.2.1		40/ nr. autori	
				4. Ionescu Octavian Indrumar laborator microcontrolere Editura Universității Petrol – Gaze din Ploiești Ploiesti; 2020 ISBN 978-973-719-790-0	N. aut. = 1 Kp = 40	40
				5. Ionescu Octavian (coordonator), Cristian Bucur, Ioan Savulescu, Gheorghe Cremenescu, Manual pentru formare electronisti, Editura Universității Petrol – Gaze din Ploiești, ISBN 978-973-719-413-8, Ploiești 2012	N. aut. = 4 Kp = 40	10

			6. 3Ionescu Octavian (coordonator), Gheorghe Cremenescu, Octavian Dinu, Dragomir Orhei, Alexandru Savulescu, Ioan Savulescu, Electronica analogica- indrumar de lucrari practice, Ed. Universității Petrol-Gaze din Ploiești, ISBN 978-973-719-486-6 Ploiesti 2012	N. aut. = 6 Kp = 40	6.666 7
TOTAL A1					139.4 428
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. Petronela P, Mihaela H, Niculae O, Anton A. , Octavian Ionescu, New electrospun ZnO:MoO3 nanostructures: Preparation, characterization and photocatalytic performance July 2020, Nanomaterials ISSN 2079-4991 10(8), DOI: 10.3390/nano10081476, LicenseCC BY https://www.mdpi.com/2079-4991/10/8/1476	IF = 4.324 N. aut = 5 Q1	30,944
			2. Athena Maniadi, Maria Vamvakaki, Mirela Petruta Suchea *, Ioan Valentin Tudose, Marian Popescu, Cosmin Romanitan, Cristina Pachiu, Octavian Ionescu , Zaharias Viskadourakis, George Kenanakis, Koudoumas Emmanoue , Effect of graphene nanoplatelets on the structure, the morphology and the dielectric behavior of low density polyethylene nanocomposites MATERIALS, Volume: 13 Issue: 21, Article Number: 4776 DOI: 10.3390/ma13214776 Published: NOV 2020 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=RRC&SID=D4EdKu5m2MWBDEnKrCj&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000589393500001	IF = 3.057 N. aut = 11 Q2	10,61
			3. V. Dumitru, Cristina Besleaga, Octavian Narcis Ionescu, „Analog IGZO memristor with extended capabilities” June 2020, IEEE Journal of the Electron Devices Society PP(99):,Volume: 8 Pages: 695-700, DOI: 10.1109/JEDS.2020.3006000, Published: 2020 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=RRC&SID=D4EdKu5m2MWBDEnKrCj&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000550636000003	IF = 2.17 N. aut = 4 Q2	22,5250
4. Ionescu Octavian, Viorel Dumitru, Emil Pricop, Octavian Buiu, Cornel Cobianu, Mihai Raneti, Stefan Pircalabu, Costin Marica, On the development of a robust cyber security system for Internet of Things devices, 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI, Pagini 1-5) JUN 27-29, 2019, Accession Number: WOS:000569985400049, ISBN:978-1-7281-1624-2,ISSN: 2378-7147 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=RRC&SID=D4EdKu5m2MWBDEnKrCj&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000569985400049	IF = 0,25 N. aut = 8	4,0625			

2F%2Fwww.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RRC&SID=D4EdKu5m2MWBDEnKrCj&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000569985400049		
<p>5. Cobianu, C , Dumbravescu, N ;Serban, BC ; Romanitan, C.,Buiu, O., Comanescu, F , Danila, M ,; Marinescu, R ; Avramescu, V , Ionescu, O. „Sonochemically synthesized ZnO-Graphene nanohybrids and its characterization” REVIEWS ON ADVANCED MATERIALS SCIENCE ,Volume: 59 Issue: 1 Pages: 176-187, DOI: 10.1515/rams-2020-0013 Published: JAN 2020</p> <p>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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000543743300001</p>	<p>IF = 1.197 N. aut = 10</p>	<p>6,0910</p>
<p>6. Simionescu, OG; Pachi, C; Ionescu, O; Dumbravescu, N; Buiu, O; Popa, RC; Avram, A ; Dinescu, G „Nanocrystalline graphite thin layers for low-strain, high-sensitivity piezoresistive sensing” REVIEWS ON ADVANCED MATERIALS SCIENCE, Volume: 59 Issue: 1 Pages: 306-313, DOI: 10.1515/rams-2020-0031, Published: JAN 2020</p> <p>https://apps-webofknowledge-com.am.e-information.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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000557463800001</p>	<p>IF = 1.197 N. aut = 8</p>	<p>7.6137</p>
<p>7. Pascariu, P; Vernardou, D; Suche, M; Airinei, A Ursu, L Bucur, S; Tudose, I V; Ionescu, O. N.; Koudoumas, E „Tuning electrical properties of polythiophene/nickel nanocomposites via fabrication”, MATERIALS & DESIGN, ISSN 0264-1275 Volume: 182, Article Number: UNSP 108027,,DOI: 10.1016/j.matdes.2019.108027, Published: NOV 15 2019</p> <p>https://apps-webofknowledge-com.am.e-information.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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000488458700016</p>	<p>IF = 6.289 N. aut = 9 Q1</p>	<p>23.741 1</p>
<p>8. Cobianu. C, Nastase. F, Dumbravescu. N, Buiu. O, Serban, B, Danila. M , Gavrilă, R.; Ionescu. O , Romanitan, C „ 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”, ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY, Volume: 22 Issue: 1 Pages: 41-56, Published: 2019</p> <p>https://apps-webofknowledge-com.am.e-information.ro/full_record.do?product=WOS&search_mode=SourceByDais&qid=1&S</p>	<p>IF = 1.197 N. aut = 9</p>	<p>6.7677</p>

		ID=D4p95UrMQ7hDzkZHkTk&page=1&doc=1		
		<p>9. 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” 2019 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS 2019), 42ND EDITION 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,Pages: 27-30,Published: 2019</p> <p>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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000514295300004</p>	IF = 0,25 N. aut = 9	3.6111
		<p>10. Paun, C ; Obreja, C ; Comanescu, F ; Tucureanu, V ; Tutunaru, O ; Romanitan, C ; Ionescu, O., Epoxy nanocomposites based on MWCNT, 2019 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS 2019), 42ND EDITION 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, Pages: 237-240, Published: 2019</p> <p>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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000514295300050</p>	IF = 0,25 N. aut = 7	4.6429
		<p>11. 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 2019 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS 2019), 42ND EDITION, Book Series: International Semiconductor Conference Pages: 259-262mPublished: 2019</p> <p>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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000514295300054</p>	IF = 0,25 N. aut = 6	5.4167

<p>12. Serban, B.C., Buiu, O., Brezeanu M. , Ionescu. O, Cobianu, C., „Short communication Nanostructured semiconducting metal oxides for ethanol gas sensing. A possible HSAB interpretation” ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY, Volume: 21 Issue: 1 Pages: 93-96, Published: 2018 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=RRC&SID=D4p95UrMQ7hDzkZHkTk&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000433876800007</p>	<p>IF = 0,485 N. aut = 5</p>	<p>7.9100</p>
<p>13. Oproiu, A. M., 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, IC., Edu, A. ,, Peripheral Nerve WIFI Interfaces and Electrodes for Mechatronic Prosthetic Hand” ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY, Volume: 21 Issue: 2 Pages: 129-138, Published: 2018 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=RRC&SID=D4p95UrMQ7hDzkZHkTk&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000455899600003</p>	<p>IF = 0,485 N. aut = 15</p>	<p>2.6367</p>
<p>14. Cobianu, C; Nastase, F; Dumbravescu, N; Buiu, O; Albu, A; Serban, B ; Danila, M; Romanitan, C; Ionescu, O ELECTRICAL PROPERTIES OF AS-DEPOSITED ALD HfO2 FILMS RELATED TO SILICON SURFACE STATE, CAS 2018 PROCEEDINGS: 2018 INTERNATIONAL SEMICONDUCTOR CONFERENCE Edited by: Brezeanu, G; Ciurea, ML; Cristea, D; Dinescu, MA; Dobrescu, D; Dragoman, M; Muller, A; Muller, R; Neculoiu, D Pages: 69-72 Published: 2018 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000514386700010</p>	<p>IF = 0,25 N. aut = 9</p>	<p>3.6111</p>
<p>15. Pascariu, P; Tudose, IV; Pachi, C ; Danila, M; Ionescu, O; Popescu, M; Koudoumas, E (; Suche, M , Graphene and TiO2 - PVDF nanocomposites for potential applications in triboelectronics, CAS 2018 PROCEEDINGS: 2018 INTERNATIONAL SEMICONDUCTOR CONFERENCE Edited by: Brezeanu, G; Ciurea, ML; Cristea, D; Dinescu, MA; Dobrescu, D; Dragoman, M; Muller, A; Muller, R; Neculoiu, D Pages: 237-240 Published: 2018 CAS 2018 PROCEEDINGS: 2018 INTERNATIONAL SEMICONDUCTOR CONFERENCE Edited by: Brezeanu, G; Ciurea, ML; Cristea, D; Dinescu, MA; Dobrescu, D; Dragoman, M; Muller, A; Muller, R; Neculoiu, D Pages: 237-240 Published: 2018 https://apps-webofknowledge-com.am.e-information.ro/InboundService.do?product=WOS&Func=Frame&DestFail=http%3A%2F%2F</p>	<p>IF = 0,25 N. aut = 7</p>	<p>4.6429</p>

		www.webofknowledge.com&SrcApp=RRC&locale=en_US&SrcAuth=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000514386700047		
		16. Giura, IM; Pachiu, C; Popescu, M; Bitu, B; Ionescu, ON ; Sucheana, M , Methods for Art Preservation and Restauration. Identification of parameters for potential monitoring the temporal evolution of putties, CAS 2018 PROCEEDINGS: 2018 INTERNATIONAL SEMICONDUCTOR CONFERENCE, Edited by:Brezeanu, G; Ciurea, ML; Cristea, D; Dinescu, MA; Dobrescu, D; Dragoman, M; Muller, A; Muller, R; Neculoiu, D, Pages: 291-294, Published: 2018 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000514386700060	IF = 0,25 N. aut = 6	5.4167
		17. Stan, MF; Husu, AG; Ionescu, O., „Automatic System for Monitoring of Strategic Infrastructure Using Wireless Sensors” 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 https://apps-webofknowledge-com.am.e-information.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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000403399400174	IF = 0,25 N. aut = 3	10.833 3
		18. Cobianu, C; Serban, B; Stratulat, A; Buiu, O; Ionescu, O ; Diaconu, C ; Piesker, A, PROTECTIVE CHEMICAL GLOVES WITH END OF SERVICE LIFE INDICATION-A CONCEPTUAL VIEW, 2017 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS), 40TH EDITION Book Group Author(s):IEEE, Book Series: International Semiconductor Conference, Pages: 231-234, Published: 2017 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000425844500049	IF = 0,25 N. aut = 7	4.6429

<p>19. Serban, BC ; Brezeanu, M ; Luca, AD; Ali, SZ ; Buiu, O; Cobianu, C ; Stratulat, A; Udrea, F; Avramescu, V; Varachiu, N; Ionescu, O ,, Nanostructured metal oxides semiconductors for oxygen chemiresistive sensing” ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY, Volume: 20 Issue: 2 Pages: 86-100, Published: 2017 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A00041621330001</p>	<p>IF = 0.485 N. aut = 12</p>	<p>3.2958</p>
<p>20. Nae, I; Ionescu, GC; Ionescu, ON; Minescu, M ,, CONSIDERATIONS ON THE WEARING OF CUTTING TOOLS MADE OF SYNTHESISED METALLIC CARBIDES JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 22 Issue: 1A Pages: 592-604 Part: 1 Special Issue: SI, Published: 2016 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000381247600006</p>	<p>IF = 0,737 N. aut = 4</p>	<p>11.777 5</p>
<p>21. Serbanescu, M; Ionescu, O ; Georgescu, I; Dumitru, V; Buiu, O , Studies for an optimal balancing system for Li ion batteries based on State of Health assessment, 2016 39TH INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS) Book Group Author(s):IEEE Book Series: International Semiconductor Conference Pages: 213-216 Published: 2016 https://apps-webofknowledge-com.am.e-information.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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000391323300044</p>	<p>IF = 0,25 N. aut = 5</p>	<p>6.5000</p>
<p>22. Ionescu, O ; Buiu, O ; Serban, B ; Ionescu, G ,, Studies on the development of an inferential method for battery state of health assessment” ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY, Volume: 19 Issue: 4 Pages: 310-320, Published: 2016 https://apps-webofknowledge-com.am.e-information.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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000405151700001</p>	<p>IF = 0.485 N. aut = 4</p>	<p>9.8875</p>
<p>23. Nae, I; Ionescu, GC; Ionescu, O Planning and Supervising Assembly Works using Microsoft Project, MANUFACTURING AND APPLIED RESEARCH, Edited by: Xu, D, Conference: 2nd International Conference on Manufacturing (Manufacturing) Book Series: Advanced Materials Research, Volume: 909 Pages: 192-197, DOI:</p>	<p>IF = 0.25 N. aut = 3</p>	<p>10.833 3</p>

<p>10.4028/www.scientific.net/AMR.909.192 Published: 2014 https://apps-webofknowledge-com.am.e-information.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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000348122200038</p>		
<p>24. Nae, I; Ionescu, GC; Ionescu, ON , Planning, Monitoring and Controlling Assembling Activities for Oil Well Drilling Rigs, ENGINEERING SOLUTIONS AND TECHNOLOGIES IN MANUFACTURING Conference: Innovative Manufacturing Engineering Conference (IManE) Edited by: Slatineanu, L; Merticaru, V; Nagit, G; Coteata, M; Axinte, E; Dusa, P; Ghenghea, L; Negoescu, F; Lupescu, O; Tita, I; Dodun, O; Musca, G Book Series: Applied Mechanics and Materials, Volume: 657 Pages: 364-368, DOI: 10.4028/www.scientific.net/AMM.657.364, Published: 2014 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000348898000071</p>	<p>IF = 0.25 N. aut = 3</p>	<p>10.833 3</p>
<p>25. Dumitru, V; Costea, S; Brezeanu, M; Stan, GE; Besleaga, C; Galca, AC; Ionescu, G; Ionescu, O . ., InN Based Water Condensation Sensors on Glass and Flexible Plastic Substrates „SENSORS, Volume: 13 Issue: 12 Pages: 16940-16949 DOI: 10.3390/s131216940, Published: DEC 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000330220600059</p>	<p>IF = 3,275 N. aut = 8 Q2</p>	<p>15.406 3</p>
<p>26. Ionescu, G ; Ionescu, O; Popovici, S; Costea, S; Dumitru, V; Brezeanu, Stan, GE ; Pasuk, I , Wireless AIN sensor for condition based monitoring of industrial equipment, 2013 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS), VOLS 1-2, Book Group Author(s): IEEE, Book Series: International Semiconductor Conference, Pages: 55-58, Published: 2013, https://apps-webofknowledge-com.am.e-information.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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000330180800011</p>	<p>IF = 0,25 N. aut = 8</p>	<p>4.0625</p>

<p>27. Ionescu, O ; Pricop, E On the design of a system for airport protection against terrorist attacks using MANPADs, 2013 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-information.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%3A000332201904156</p>	<p>IF = 0,25 N. aut = 2</p>	<p>16.250 0</p>
<p>28. Ionescu, ON ; Ionescu, GC ; Minescu, M ; Nae, I RESEARCH ON LIFE PROLONGATION FOR TEMPERATURE SENSORS PLACED IN HIGHLY EROSIIVE 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000321796300005</p>	<p>IF = 0,737 N. aut = 4</p>	<p>11.777 5</p>
<p>29. Nae, I; Ionescu, GC; Minescu, M; Ionescu, O ., The Planning of Technological Process for Mechanical Processing by Using Microsoft Project Software, ICEEM 2012: 2012 2ND INTERNATIONAL CONFERENCE ON ECONOMIC, EDUCATION AND MANAGEMENT, VOL 1, Edited by:Zhu, M, Pages: 450-455, Published: 2012, Document Type:Proceedings Paper 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000318122400080</p>	<p>IF = 0,25 N. aut = 4</p>	<p>8.1250</p>
<p>30. Ionescu, O; Pricop, E; Paraschiv, P ., The Management of Health and Safety Issues Related to the Wearing of Protective Clothing by Using RFID Technology, ICEEM 2012: 2012 2ND INTERNATIONAL CONFERENCE ON ECONOMIC, EDUCATION AND MANAGEMENT, VOL 1, Edited by:Zhu, M, Pages: 495-499, Published: 2012, Document Type:Proceedings Paper 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000318122400088</p>	<p>IF = 0,25 N. aut = 3</p>	<p>10.833 3</p>

		<p>31. Ionescu, GC; Ionescu, ON; Antonescu, NN; Nae, I , NEW IMAGE PROCESSING BASED METHOD FOR AUTOMATED WELDING TECHNOLOGY, JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION, Volume: 16 Issue: 2 Pages: 189-196, Published: 2010</p> <p>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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000280725400003</p>	IF = 0,737 N. aut = 4	11.777 5
		<p>32. Ionescu, O ; Ionescu, G , EXPERIMENTAL RESEARCH ON CORROSION RESISTANCE OF DUPLEX STAINLESS STEEL WELDS PRODUCED BY OPOD GMAW PROCESS METALURGIA INTERNATIONAL, Volume: 14 Pages: 23-26 Special Issue: 17, Published: 2009</p> <p>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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000273720900005</p>	IF = 0,134 N. aut = 2	14.510 0
		<p>33. Ionescu, O; Ionescu, G STUDY ON THE BEHAVIOR OF DOSING SCALES IN AN ENVIRONMENT AFFECTED BY SEVERE VIBRATIONS, 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</p> <p>https://apps-webofknowledge-com.am.e-information.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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000282335600679</p>	IF = 0,25 N. aut = 2	16.250 0
		<p>34. Ionescu, O; Ionescu, TRAINING SYSTEM FOR WELDING OPERATORS, ANNALS OF DAAAM FOR 2008 & PROCEEDINGS OF THE 19TH INTERNATIONAL DAAAM SYMPOSIUM, Edited by: Katalinc, B, Book Series: Annals of DAAAM and Proceedings, Pages: 635-636, Published: 2008</p> <p>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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000262860100317</p>	IF = 0,25 N. aut = 2	16.250 0

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 (lista acestora agreată și ținută la zi de comisia CNATDCU nr.15 fiind disponibilă la adresa www.cnatdca-c15.org);

Articole în reviste, și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI) ⁴	A2.2		20 / nr. autori	
		2) M Suchea O N Ionescu et all SnO2 and Ni doped SnO2 /polithiophene nanocomposites for gas sensing applications Solid State Electronics Letters SSEL37 PII S2589-2088(20)30025-9 www.elsevier.com/sharing-articles	N.aut=8	2,5
		3) L. Blystad, P. Ohlckers, L. Marchetti, E. Franti, M. Dascalu, O. Ionescu, D. Dobrescu, L. Dobrescu, C. Niculae, D. Dragomir, B K Hønsvall, C O Opris, K Imenes, M. Ion, A. M. Oproiu, A-M Pascalau, C. Moldovan, B. Firtat, V. Ristoiu, R. Gheorghe, A. Barbilian „, Bidirectional neuroprosthesis system integration” 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	N.aut=21	0.95
		4) C Paun, R Tomescu, D Cristea, O Ionescu, C Parvulescu, Design, fabrication and characterization of a micro-heater for metasurface-based gas sensors, International Semiconductor Conference (CAS), 2020 Pagini 31-34 DOI: 10.1109/CAS50358.2020.9267975 https://ieeexplore.ieee.org/abstract/document/9267975	N.aut=5	4.0
		5) Razvan Pascu, Mihaela Kusko, Octavian Ionescu, Gheorghe Pristavu, Gheorghe Brezeanu, Electrical defects in grown oxide on SiC and from the oxide/SiC interface, International Semiconductor Conference (CAS), 2020, pages 37-40, DOI: 10.1109/CAS50358.2020.9268016 https://ieeexplore.ieee.org/abstract/document/9268016	N.aut=5	4.0
		7) Octavian Ionescu ; Viorel Dumitru ; Emil Pricop ; Octavian Buiu ; Cornel Cobianu ; Mihai Raneti ; Stefan Pircalabu ; Costin Marica On the development of a robust cyber security system for Internet of Things devices 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Year: 2019 Conference Paper Publisher: IEEE https://ieeexplore-ieee-org.am.e-nformation.ro/document/9042004 https://www.scopus.com/authid/detail.uri?authorId=35299353200	N. aut = 8	2.5
		8) Octavian Ionescu ; Viorel Dumitru ; Emil Pricop;Cristina Besleaga UAV identification system based on memristor physical unclonable functions 2020 12th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) Year 2020, Conference Paper, Publisher IEEE https://ieeexplore.ieee.org/document/9223154	N. aut=4	5
		9) Davide Loreggia ; Gerardo Capobianco ; Silvano Fineschi ; Giuseppe Massone ; Cedric Thizy ; Camille Galy ; Ionescu Octavian et all 12 Author(s) The Occulter Position Sensor Emitters (OPSE) metrology sub-system for the PROBA-3 mission, 2019 IEEE 5th International Workshop on Metrology for AeroSpace (MetroAeroSpace), https://ieeexplore.ieee.org/document/8869628 https://www.scopus.com/authid/detail.uri?authorId=35299353200	N. aut = 12	1.6666

Proprietate intelectuală, brevete de invenție, certIFICATE ORDA	A2.3.1	Internaționale ⁵	35/ nr. autori	
		1. EP3279993A1 BATTERY LIFE PROLONGATION, IONESCU, Octavian-Narcis , BREZEANU, Mihai; BUIU, Octavian; DUMITRU, Viorel G.; GEORGESCU, Ion;; SERBAN, Bogdan Catalin https://worldwide.espacenet.com/patent/search/family/056557636/publication/EP327993A1?q=pn%3DEP3279993A1	N. aut =6	11,66
	A2.3.2	Naționale (OSIM)	25 /nr. autori	
	1. 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 CÎRSTOIU EMIL; EPARU ALEXANDRU ION DĂNUȚ ; IONESCU OCTAVIAN ; LOVASZ SANDOR ; MERIȘCĂ CORNEL ; MĂTREAȚĂ ADRIAN ; PĂRĂOANU NECULAI ; PĂTRAȘCU CONSTANTIN ; ROȘCA GABRIEL https://worldwide.espacenet.com/patent/search/family/064361016/publication/RO111224B1?q=pn%3DRO111224B1	N. aut =10	5.0	
	2. Brevet de invenție nr. RO 129740 B1 / 30.06.2016 Titlu: <i>Metodă și sistem de securitate a aeroporturilor civile împotriva atacurilor teroriste cu rachete portabile sol-aer</i> Autori: Ionescu O.N., Pricop E., Ionescu G.C. Acordat de către Oficiul de Stat pentru Invenții și Mărci – OSIM România Link brevet invenție site OSIM: http://pub.osim.ro/publication-server/pdf-document?PN=RO129740%20RO%20129740&iDocId=8543&iepatch=.pdf	N. aut =3	16,666	

⁴ Pentru domeniul Calculatoare, Tehnologia Informației și Ingineria Sistemelor 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, Wiley, Inspec

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

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	internaționale	20 * ani desfășurare
				1. AGS WBDL - NATO OFFSET - Research, Design and Implement the verification, test and calibration line, Leonardo Airspace and Defence Romania	T = 2 ani 40
			A2.4.1.2.	naționale	10 * ani desfășurare
				1. 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 PN-III-P2-2.1-CI-2017-0265 2017 – 2017 https://timf.upg-ploiesti.ro/proiecte/sisait/	T = 0,5 ani 5
				2. 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 PN-II-IN-CI-2013-1-0052 2013 - 2014	T = 0,5 ani 5
				3. TGPLAT- "Sistem de celule fotovoltaice microtexturate de eficienta sporita integrat in aripa unui avion fara pilot (UAV) cu aplicatii in securitatea societala", pentru activități din categoria D - Activități de cercetare industrială și/sau dezvoltare experimentală (CD) realizate de organizația de cercetare în colaborare efectivă cu întreprinderea	T = 2 ani 20
				4. O.Ionescu, C.Bucur, A. Savulescu, G. Ionescu, I.Nae, 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) 44400lei.	T = 0,5 ani 5
				5. O.Ionescu, C.Bucur, D.Zisopol, C. Ianache, O.Dinu, G. Ionescu, Servicii de elaborare a unui studiu privind functionarea modulelor pentru integrarea in retelele inteligente a sistemelor de producer a energiei electrice din surse regenerabile nr. Contract 22/2011, Beneficiar S.C. Electrica Muntenia Nord S.A., 6 persoane, val. (cu TVA) 51600lei;	T = 0,5 ani 5
			6. O.Ionescu, O Buiu, N.Dumbravescu, Testare sisteme optice SIOBLIN TGPLAT	T = 0,5 ani 5	
			7. „Panouri de Protecție Balistică pentru Limitarea Exploziilor în Aeroporturi” – PLEXO Cod: ROFSIP2016OS6A12P0	T = 0,5 ani 5	
		Membru în echipă	A2.4.2.1.	internaționale	4 * ani desfășurare
				1. PROBA-3 ASPIICS OPSE HARWARE – Contract No. 4000111522 / 14 / NL / GLCESA OPSE,	T= 5 ani 20
				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
			A2.4.2.2.	naționale	2 * ani desfășurare
	1. Contract de finantare pentru executie proiecte de CDI, Nr. 121	T = 2 ani 4			

/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)		
2. Metoda si 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. Titlu Proiect :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 Conditions Call name: P 2 - SP 2.1 - Proiect experimental - demonstrativ 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 PN-III-P2-2.1-CI-2018-1112 2018 – 2018 http://www.imt.ro/EcoReclama/	T = 0,5 an	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 CDI PN-III-P1-1.2-PCCDI-2017-0619 http://www.imt.ro/nanocarbon+/	T = 3 ani	6
9. G.Ionescu, O Ionescu, I.Nae, M.Minescu, C.Bucur, G.Radulescu, D.Orhei, G.Stan, E.Pricop, “Serviciu privind elaborarea unui studiu si a unei aplicatii pentru un sistem de protectie la lucrari si cresterea electrosecuritatii in	T = 0,5 an	1

				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. ;		
				10. PN-III-P2-2.1-PED2019-4146, Dispozitiv electrochimic modular pentru stocarea de sarcina Multi-celled electrochemical STOrage Devices Call name: P 2 - SP 2.1 - Proiect experimental - demonstrativ PN-III-P2-2.1-PED-2019-4146 2019 - 2021	T = 2 ani	4
				1. 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 economic PN-III-P2-2.1-PTE-2019-0465 2020 - 2022	T = 2 ani	4
TOTAL A2						564,031

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.

Recunoașterea 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		
			<p>1. Lucrare citată: Cobianu, C , Dumbravescu, N ; Serban, BC ; Romanitan, C.,Buiu, O., Comanescu, F , Danila, M ,; Marinescu, R ; Avramescu, V , Ionescu, O. „Sonochemically synthesized ZnO-Graphene nanohybrids and its characterization” REVIEWS ON ADVANCED MATERIALS SCIENCE ,Volume: 59 Issue: 1 Pages: 176-187, DOI: 10.1515/rams-2020-0013 Published: JAN 2020 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%3A000543743300001</p>			
			<p>Lucrare care citeaza: Carofiglio, Marco; Barui, Sugata; Cauda, Valentina; et al. „Doped Zinc Oxide Nanoparticles: Synthesis, Characterization and Potential Use in Nanomedicine” APPLIED SCIENCES-BASEL Volume: 10 Issue: 15 Article Number: 5194 Published: AUG 2020 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=CitingArticles&IsProductCode=Yes&Init=Yes&viewType=summary&action=search&UT=WOS%3A000543743300001</p>	N. aut. =10	0,80	
			<p>2. Lucrare citată: 5. Pascariu, P; Vernardou, D; Suche, M; Airinei, A Ursu, L Bucur, S; Tudose, I V; Ionescu, O. N.; Koudoumas, E „Tuning electrical properties of polythiophene/nickel nanocomposites via fabrication”, MATERIALS & DESIGN, 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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000488458700016</p>			
	<p>Lucrare care citeaza: Inamuddin; Alamry, Khalid A. Application of Electrically Conducting Nanocomposite Material Polythiophene@NiO/Frt/GOx as Anode for Enzymatic Biofuel Cells MATERIALS Volume: 13 Issue: 8 Article Number: 1823 Published: APR 2020 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%3A000488458700016</p>	N. aut. =9 Q2	1,77			

			<p>3. Lucrare citată: Cobianu. C, Nastase. F, Dumbravescu. N, Buiu. O, Serban, B, Danila. M , Gavrilă, R.,; Ionescu. O , Romanitan, C ., 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”, ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY, Volume: 22 Issue: 1 Pages: 41-56, Published: 2019 https://apps-webofknowledge-com.am.e-nformation.ro/full_record.do?product=WOS&search_mode=SourceByDais&qid=1&SID=D4p95UrMQ7hDzkZHKtk&page=1&doc=1</p>		
			<p>Lucrare care citeaza: Huai, Xiaochen; Girardi, Leonardo; Lu, Ran; et al. The mechanism of concentric HfO₂/Co₃O₄/TiO₂ nanotubes investigated by intensity modulated photocurrent spectroscopy (IMPS) and electrochemical impedance spectroscopy (EIS) for photoelectrochemical activity NANO ENERGY Volume: 65 Article Number: UNSP 104020 Published: NOV 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=CitingArticles&IsProductCode=Yes&Init=Yes&viewType=summary&action=search&UT=WOS%3A000469865900004</p>	N. aut. =9 Q1	1,77
			<p>4. Lucrare citată: Paun, C ; Obreja, C ; Comanescu, F ; Tucureanu, V ; Tutunaru, O ; Romanitan, C ; Ionescu, O., Epoxy nanocomposites based on MWCNT, 2019 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS 2019), 42ND EDITION 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, Pages: 237-240, Published: 2019 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%3A000514295300050</p>		
			<p>Lucrare care citeaza: Mucha, Mateusz; Krzyzak, Aneta; Kosicka, Ewelina; et al Effect of MWCNTs on Wear Behavior of Epoxy Resin for Aircraft Applications MATERIALS Volume: 13 Issue: 12 Article Number: 2696 Published: JUN 2020 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%3A000514295300050</p>	N. aut. = 7 Q2	2,28
			<p>5. Lucrare citată: Serban, B.C., Buiu, O., Brezeanu M., Ionescu. O, Cobianu, C., „Short communication Nanostructured semiconducting metal oxides for ethanol gas sensing. A possible HSAB</p>		

		<p>interpretation” 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=RRC&SID=D4p95UrMQ7hDzkZHkTk&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000433876800007</p>		
		<p>Lucrarea care citeaza: Serban, Bogdan-Catalin; Buiu, Octavian; Cobianu, Cornel; et al Nanostructured Semiconducting Metal Oxides for Ammonia Sensors. A Novel HSAB Sensing Paradigm ACTA CHIMICA SLOVENICA Volume: 65 Issue: 4 Pages: 1014-1021 Published: 2018 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=CitingArticles&IsProductCode=Yes&Init=Yes&viewType=summary&action=search&UT=WOS%3A000433876800007</p>	N. aut. = 5	1,6
		<p>6. Lucrare citată: Oproiu, A. M., 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, IC., Edu, A., „ Peripheral Nerve WIFI Interfaces and Electrodes for Mechatronic Prosthetic Hand” 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</p>	N. aut. = 15	0.5333
		<p>Lucrarea care citeaza: Managing radial nerve injuries associated with humeral fracture By: Carbutaru, V.; Ciotei, Alexandra; Zaharia, Mihaela I. ROMANIAN JOURNAL OF MILITARY MEDICINE Volume: 123 Issue: 1 Pages: 32-36 Published: FEB 2020</p>	N. aut. = 15	0.5333
		<p>Lucrarea care citeaza: Researches on the Simulation with Inventory Program and Implementation of an Ankle Prosthesis in the Aluminium Alloy EN AW 6082 and Anodizing Process for the Proshesis Components By: Popescu, Stefan Catalin REVISTA DE CHIMIE Volume: 70 Issue: 7 Pages: 2627-2631 Published: JUL 2019</p>	N. aut. = 15	0.5333

			<p>Lucrarea care citeaza: Analysis of Stress and Prediction of the Defects of an Ankle Prosthesis Using the Autodesk Inventor Software By: Popescu, Stefan-Catalin REVISTA DE CHIMIE Volume: 70 Issue: 6 Pages: 1942-1946 Published: JUN 2019</p>	N. aut. = 15	0.5333
			<p>Lucrarea care citeaza: Design and fabrication of tubes-guided structure with electrical stimulation module for neural regeneration and in-vivo testing By: Moldovan, C.; Barbilian, A.; Stergios, G.; et al. ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY Volume: 22 Issue: 2 Pages: 135-142 Published: 2019</p>	N. aut. = 15	0.5333
			<p>Lucrarea care citeaza: Theoretical Aspects, Modern Treatment Options and Practical Case Presentations in Hip and Knee Tumoral and Revision Bone Defect Reconstruction Surgery By: Dinache, George; Drignei, Marinel; Ganatsios, Stergios; et al. REVISTA DE CHIMIE Volume: 69 Issue: 12 Pages: 3664-3668 Published: DEC 2018</p>	N. aut. = 15	0.5333
			<p>Lucrarea care citeaza: The Role of Osteosynthesys Materials in the Etiopathology of Bone Malignant Tumors and Reconstruction Possibilities Case report By: Calin, Cezar Ionut; Drignei, Marinel; Ganatsios, Stergios; et al. REVISTA DE CHIMIE Volume: 69 Issue: 12 Pages: 3669-3674 Published: DEC 2018</p>	N. aut. = 15	0.5333
			<p>Lucrarea care citeaza: The Role of Tranexamic Acid in Controlling Bloodloss During PCNL for staghorn Calculi By: Barbiliani, Raluca Costina; Cauni, Victor; Mihai, Bogdan; et al. REVISTA DE CHIMIE Volume: 69 Issue: 12 Pages: 3745-3748 Published: DEC 2018</p>	N. aut. = 15	0.5333
			<p>Lucrarea care citeaza: Lateral Extraarticular Tenodesis in Combined ACL and ALL Reconstruction Case presentation By: Paraschiv, Radu; Dinache, George; Drignei, Marinel; et al. REVISTA DE CHIMIE Volume: 69 Issue: 12 Pages: 3749-3752 Published: DEC 2018</p>	N. aut. = 15	0.5333

<p>7. Lucrare citată: Pascariu, P; Tudose, IV; Pachi, C ; Danila, M; Ionescu, O; Popescu, M; Koudoumas, E (; Suchea, M , Graphene and TiO2 - PVDF nanocomposites for potential applications in triboelectronics, CAS 2018 PROCEEDINGS: 2018 INTERNATIONAL SEMICONDUCTOR CONFERENCE Edited by:Brezeanu, G; Ciurea, ML; Cristea, D; Dinescu, MA; Dobrescu, D; Dragoman, M; Muller, A; Muller, R; Neculoiu, D Pages: 237-240 Published: 2018 CAS 2018 PROCEEDINGS: 2018 INTERNATIONAL SEMICONDUCTOR CONFERENCE Edited by:Brezeanu, G; Ciurea, ML; Cristea, D; Dinescu, MA; Dobrescu, D; Dragoman, M; Muller, A; Muller, R; Neculoiu, D 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000514386700047</p>		
<p>Lucrarea care citeaza: Veved, Albert; Ejuh, Geh Wilson; Djongyang, Noel Study of the optoelectronic and piezoelectric properties of ZrO2 doped PVDF from quantum chemistry calculations CHINESE JOURNAL OF PHYSICS Volume: 63 Pages: 213- 219 Published: FEB 2020 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</p>	N. aut. = 8	1
<p>Lucrarea care citeaza: Homocianu, Mihaela; Pascariu, Petronela Electrospun Polymer-Inorganic Nanostructured Materials and Their Applications POLYMER REVIEWS Volume: 60 Issue: 3 Pages: 493-541 Published: JUL 2 2020 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</p>	N. aut. = 8 Q1	2
<p>Lucrarea care citeaza: Veved, Albert; Ejuh, Geh Wilson; Djongyang, Noel Effect of HfO2 on the dielectric, optoelectronic and energy harvesting properties of PVDF, OPTICAL AND QUANTUM ELECTRONICS Volume: 51 Issue: 10 Article Number: 330 Published: OCT 2019 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</p>	N. aut. = 8	1

<p>8. Lucrare citată: Dumitru, V; Costea, S; Brezeanu, M; Stan, GE; Besleaga, C; Galca, AC; Ionescu, G; Ionescu, O . .,InN Based Water Condensation Sensors on Glass and Flexible Plastic Substrates „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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000330220600059</p>		
<p>Lucrare care citeaza Besleaga, C.; Galca, A. C.; Miclea, C. F.; 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 https://apps-webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=462868047&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=146&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage</p>	N. aut. = 8 Q2	2
<p>9. Lucrare citată: Ionescu, ON ; Ionescu, GC ; Minescu, M ; Nae, I RESEARCH ON LIFE PROLONGATION FOR TEMPERATURE SENSORS PLACED IN HIGHLY EROSIIVE ENVIRONMENT, 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</p>		
<p>Lucrare care citeaza Panaitescu, C.; Petrescu, M. G 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 https://apps-webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=455298281&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=155&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage</p>	N. aut. = 4	2

<p>Lucrare care citeaza Ripeanu, R. A.; 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 https://apps-webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=455298281&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=155&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage</p>	<p>N. aut. = 4</p>	<p>2</p>
<p>10. Lucrare citată: Ionescu, G ; Ionescu, O; Popovici, S; Costea, S; Dumitru, V; Brezeanu, Stan, GE ; Pasuk, I , Wireless AIN sensor for condition based monitoring of industrial equipment, 2013 INTERNATIONAL SEMICONDUCTOR CONFERENCE (CAS), VOLS 1-2, Book Group Author(s):IEEE, Book Series: International Semiconductor Conference, Pages: 55-58, Published: 2013, 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&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000330180800011</p>		
<p>Lucrare care citeaza: Besleaga, Cristina; Dumitru, Viorel; Trinca, Liliana Marinela; et al. Mechanical, Corrosion and Biological Properties of Room-Temperature Sputtered Aluminum Nitride Films with Dissimilar Nanostructure NANOMATERIALS Volume: 7 Issue: 11 Article Number: 394 Published: NOV 2017 https://apps-webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=463930059&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=164&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage</p>	<p>N. aut. = 8 Q1</p>	<p>2</p>
<p>Lucrare care citeaza: By: Ionescu, G. C.; Nae, I.; Ripeanu, R. G.; et al. Studies on Tribological Behavior of Aluminum Nitride-Coated Steel Conference: 13th International Conference on Tribology (ROTRIB) Location: Galati, ROMANIA Date: SEP 22-24, 2016 13TH INTERNATIONAL CONFERENCE ON TRIBOLOGY (ROTRIB'16) Book Series: IOP Conference Series-Materials Science and Engineering Volume: 174 Article Number: UNSP 012052 Published: 2017 https://apps-webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=463930059&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=164&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage</p>	<p>N. aut. = 8</p>	<p>1</p>

<p>11. Lucrare citată: Ionescu, O ; Pricop, E On the design of a system for airport protection against terrorist attacks using MANPADs, 2013 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=RRC&SID=C2e2h2LN7IbGEAKkOWZ&customersID=RRC&mode=FullRecord&IsProductCode=Yes&Init=Yes&action=retrieve&UT=WOS%3A000332201904156</p>		
<p>Lucrare care citeaza: Rosca, Cosmina-Mihaela; Paraschiv, Nicolae Frequency sampling algorithm applied in microwave measurements Conference: 21st International Conference on System Theory, Control and Computing (ICSTCC) Location: Sinaia, ROMANIA Date: OCT 19-21, 2017 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 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</p>	N. aut. = 2	4
<p>12. Lucrare citată: Ionescu, ON ; Ionescu, GC ; Minescu, M ; Nae, I RESEARCH ON LIFE PROLONGATION FOR TEMPERATURE SENSORS PLACED IN HIGHLY EROSION ENVIRONMENT, 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</p>	N. aut. = 4	2
<p>Lucrare care citeaza Misirli, C.; Sahin, M.; Yildirim, B. PROPERTIES ANALYSIS OF THE SPRAY NOZZLES IN DRYING PLANT JOURNAL OF THE BALKAN TRIBOLOGICAL ASSOCIATION Volume: 21 Issue: 3 Pages: 469-484 Published: 2015 https://apps-webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=431166003&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=186&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage</p>	N. aut. = 4	2

		<p>13. Lucrare citată: Ionescu, GC; Ionescu, ON; Antonescu, NN; Nae, I , NEW IMAGE PROCESSING BASED METHOD FOR AUTOMATED WELDING TECHNOLOGY, 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</p>		
		<p>Lucrare care citeaza INFLUENCE OF CONTROLLED SMELTING CONDITIONS ON THE INCLUSIONAL STATE OF SOME MARAGING STEELS By: Ginghina, Raluca Elena; Tiganescu, Tudor Viorel; Iorga, George Ovidiu; et al. UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE Volume: 82 Issue: 2 Pages: 175-184 Published: 2020 https://apps- webofknowledge-com.am.e-nformation.ro/CitingArticles.do?product=WOS&REFID=336401428&SID=C2e2h2LN7IbGEAKkOWZ&search_mode=CitingArticles&parentProduct=WOS&parentQid=193&parentDoc=1&excludeEventConfig=ExcludeIfFromFullRecPage</p>	N. aut. = 4	2

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 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).

		A3.1.2.	BDI ⁴	4 / nr. aut. articol citat	
			<p>1. Lucrare citată: Ionescu, ON ; Ionescu, GC ; Minescu, M ; Nae, I RESEARCH ON LIFE PROLONGATION FOR TEMPERATURE SENSORS PLACED IN HIGHLY EROSIIVE ENVIRONMENT, 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</p>		
			<p>Lucrare care citează: I Pătrnac, R G Ripeanu and E Laudacescu, Abrasive flow modelling through active parts water jet machine using CFD simulation, 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 (<i>Indexed in Scopus</i>)</p>	N. aut. = 4	1
			<p>Lucrare care citează: C Dudu, A C Drumeanu, R G Ripeanu and A Dinita, Some considerations regarding the influence of working conditions on the corrosion wear of the injection water treatment plant equipment, 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, https://iopscience.iop.org/article/10.1088/1757-899X/724/1/012033/meta (<i>Indexed in Scopus</i>)</p>	N. aut. = 4	1
			<p>Lucrare care citează: A Hagianu, I Nae, G C Ionescu and R G Ripeanu, Research on mechanical and geometrical characteristics of materials used for flexible tubing production, 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/724/1/012004/meta (<i>Indexed in Scopus</i>)</p>	N. aut. = 4	1
			<p>2. Lucrare citată: Ionescu, GC; Ionescu, ON; Antonescu, NN; Nae, I , NEW IMAGE PROCESSING BASED METHOD FOR AUTOMATED WELDING TECHNOLOGY, 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</p>		

			=retrieve&UT=WOS%3A000280725400003		
			<p>Lucrare care citează: Syed Ali Ajwad, Adeel Mehmood, Muhammad Imran Ullah, Jamshed Iqbal, Optimal v/s robust control: A study and comparison for articulated manipulator, Journal of the Balkan Tribological Association Vol. 22, No 3, 2460–2466 (2016), Link https://www.researchgate.net/publication/309195236_Optimal_vs_robust_control_A_study_and_comparison_for_articulated_manipulator (Indexe in SCOPUS)</p>	N. aut. = 4	1
			<p>Lucrare care citează: S. A. Ajwad, M. I. Ullah, K. Baizid, J. Iqbal, A comprehensive state-of-the-art on control of industrial articulated robots, Journal of the Balkan Tribological Association Vol. 20, No 4, 499–521 (2014), Link: https://www.researchgate.net/publication/279113522_A_comprehensive_state-of-the-art_on_control_of_industrial_articulated_robots (Indexed in SCOPUS)</p>	N. aut. = 4	1
			<p>3. Lucrare citată: Ion Nae, Gabriela Cristina Ionescu, Octavian Narcis Ionescu Assembling, Blowout Preventers, Microsoft Project, ProjectImprovements in quality assurance for blowout preventers assembling/disassembling and maintenance operations , 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</p>		
			<p>Lucrare care citează: MahmoodShafiee, TobiElusakin, Evenye Enjema, Subsea blowout preventer (BOP): Design, reliability, testing, deployment, and operation and maintenance challenges, Journal of Loss Prevention in the Process Industries Volume 66, July 2020, 104170, Link: https://www.sciencedirect.com/science/article/abs/pii/S095042301930542X</p>	N. aut. = 3	1.3333
			<p>Lucrare care citează: Y.Tang, Q.Y.Liu, C.Xie, S.W.Chen, Study on stress distribution of a subsea Ram BOP body based on simulation and experiment, Link: https://www.sciencedirect.com/science/article/abs/pii/S1350630715000096</p>	N. aut. = 3	1.3333
			<p>4. Lucrare citată: BC Serban, O Buiu, O Ionescu, A Buiu , <i>Chemiresistor humidity sensor and fabrication method thereof</i> Patent: US 2019/0128828 A1 May 2019</p>		

			Lucrare care citează: Bogdan Catalin Serban, Octavian Buiu, Nicolae Dumbravescu, Cornel Cobianu, Viorel Avramescu, Mihai Brezeanu, Marius Bumbac, Cristina Pachiu & Cristina Mihaela Nicolescu, <i>Oxidized Carbon Nanohorn-Hydrophilic Polymer Nanocomposite as the Resistive Sensing Layer for Relative Humidity</i> , Analytical Letters, DOI: 10.1080/00032719.2020.1772805 (SCOPUS indexed)	N. aut. = 4	1.3333
			5. Lucrare citată: Cornel COBIANU, Florin NASTASE, Niculae DUMBRAVESCU, Octavian BUIU, Bogdan SERBAN, Mihai DANILA, Raluca GAVRILA, Octavian IONESCU, and Cosmin ROMANITAN, <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 22(1):41-56,		
			Lucrare care citează: XiaochenbHuai, Leonardo Girardi, RanLu, ShangGao, YuZhao, YunhanLing, Gian AndreaRizzi, GaetanoGranozzi, ZhengjunZhang, The mechanism of concentric HfO2/Co3O4/TiO2 nanotubes investigated by intensity modulated photocurrent spectroscopy (IMPS) and electrochemical impedance spectroscopy (EIS) for photoelectrochemical activity, Nano Energy Volume 65, November 2019, 104020 Link: https://www.sciencedirect.com/science/article/abs/pii/S221128551930727X	N. aut. = 9	0.4444
	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 științific 6TH INTERNATIONAL WORKSHOP ON SYSTEMS SAFETY & SECURITY - IWSSS 2018 -28 - 30 JUNE, 2018 / IASI, ROMANIA https://www.iwsss.org/2018/#committee		10
			Membru al comitetului științific al International Workshop on Systems Safety & Security - IWSSS 2016, 30 iunie – 02 iulie 2016, Ploiești, România, https://iwsss.org/2016		10

⁹ Nu se considera calitatea de recenzor al unor articole individuale.

			Membru al comitetului științific al International Workshop Advances On Photocatalysis, AdvPhotoCat-E 2017 The 2nd International Workshop , July 14 and 16, 2017 Technological Educational Institute (TEI) of Crete, Heraklion, Greece http://www.photocatalysis-workshop.com/organizers/organizing-committee/		10
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 2020 , online event (e-event) due to the COVID-19 pandemic 25-26 iunie 2020, Bucuresti, România, https://iwsss.org/2020/		6
			Membru al comitetului științific si Co Chair al International Workshop on Systems Safety & Security - IWSSS 2019, 27 - 29 JUNE, 2019 / PITESTI, ROMANIA. https://iwsss.org/2019		6
Premii în domeniu conferite de Academia Română, ASTR, AOSR sau premii internaționale de prestigiu	A3.4.			15/ premiu	
			Medalia de Aur la Salonul Internațional de Inventică – INVENTICA 2018 , Iași pentru brevetul <i>RO 129740B1 - Metodă și sistem de securitate a aeroporturilor civile împotriva atacurilor teroriste cu rachete portabile sol-aer</i> ;		15
			Diploma de excelență și medalie de aur pentru “Senzor chemorezistiv de umiditate” Cerere Brevet Inventie Nr. A01079, 11-12-2017, OSIM, Romania, Serban Bogdan-Catalin, Buiu Octavian, Cobianu Cornel, Ionescu Octavian-Narcis, Varsescu Dragos, a-XVI-a ediție a Salonului Internațional al Cercetării Științifice, Inovării și Inventicii PRO INVENT, Cluj-Napoca, România, 21-23 martie 2018		15
			Medalie de aur pentru “Sistem automat de monitorizare a portului echipamentului de protective obligatoriu in zonele cu potential ridicat de pericol, OSIM Ionescu Octavian Narcis, Emil Pricop, A/00299/15.04.2014. The 22nd International Exhibition of Inventics “INVENTICA 2018” Iași, Romania.		15
			Medalie de argint / Laureat al Premiului Juriului pentru “Metoda și sistem de securitate a aeroporturilor civile împotriva atacurilor teroriste cu rachete portabile sol-aer”, OSIM BI nr. 129740, Ionescu Octavian Narcis, Emil Pricop, Gabriela Cristina Ionescu, Invent Invest 2018 Chisinau Republica Moldova, Targul International de Inventii și idei Practice 2018		15
			Diploma de excelență pentru “Cyber security system for internet of things connected devices”, US Provisional Application Serial No. 62/579,230, Octavian Ionescu, Octavian Buiu, Bogdan-Cătălin Șerban, Andrei Buiu, Zoran Constantinescu, a- XVI-a ediție a Salonului Internațional al Cercetării Științifice, Inovării și Inventicii PRO INVENT, Cluj-Napoca, România, 21-23 martie 2018		15
xTOTAL A3					157,56 47

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

$$A = \sum_i K_{1i} + \sum_i K_{2i} + \sum_i K_{3i}, \text{ unde } k_{pi} - \text{Indice specific tipului și categoriei de activitate}$$

3. Condiții minimale(Ai)

Nr.crt.	Domeniul de activitate	Punctaj impus	Punctaj realizat	Criteriu îndeplinit(DA/NU)
A1	Activitate didactică / profesională (A1)	50	139,4428	DA
A2	Activitatea de cercetare (A2)	300	564,031	DA
A3	Recunoașterea impactului activității (A3)	50	157,5647	DA
TOTAL (A)		400	861,0385	DA

Condiții minimale obligatorii pe subcategorii

Criteriu / condiție pe subcategorii		Impus conferențiar	Realizat	Îndeplinit
A1.1.1 – A1.1.2	Cărți de specialitate	1 carte / capitol	1 carte / 2 capitole	DA
A2.1	Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings	6 din care minim 1 în reviste cotate ISI Q1 sau Q2 ¹⁰	35 (2Q1, 4Q2)	DA
A2.4.1.	Granturi / proiecte de cercetare câștigate prin competiție (Director / Responsabil partener)	1	7	DA
A3.1.1	Număr de citări în cărți, reviste cotate ISI și volume ale unor manifestări științifice ISI (WOS) ¹¹	10	28 în reviste / manifestări ISI	DA
	Factor de impact ISI cumulat pentru publicații ¹²	4	23,25	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.

Data
12.01.2021

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 CNATDCU nr.15 fiind disponibilă la adresa www.cnatdca-c15.org).

¹¹ Lucrarea citată nu este obligatoriu să 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)