


AVIZ INDEPLINIRE STANDARDE MINIMALE

Candidatul conf.dr.ing. GĂLĂTUȘ RAMONA VOICHIȚA,
înscris la concursul pentru ocuparea postului de profesor
la Facultatea de Electronică, Telecomunicații și Tehnologia Informației,
Departamentul Bazele electronicii, poziția 5

îndeplinește standardele minimale necesare ocupării postului menționat mai sus.

Motivare în caz de nedeplinire a standardelor minimale:

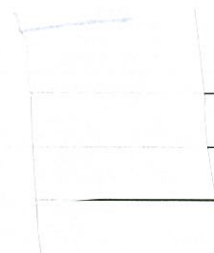
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Comisia de analiza a dosarului de concurs: 

Președinte: Prof.dr.ing. Dorin PETREUȘ —

Membri: Prof.dr.ing. Marina ȚOPA —

Prof.dr.ing. Virgil DOBROTĂ —



Candidat: Galatus Ramona
 Standarde Abilitare: Electronica, Telecomunicatii si Nanotehnologie
 Domeniul: Electronica, Telecomunicatii si Tehnologii Informationale

Data: 13 iulie 2020

Postul vizat: Profesor

Conditii minimele (A)					
Nr.	Domeniu de activitate (A)	Necesar	Realizat	Indeplinit	
A1	Activitatea didactica / profesionala (A1)	100	158.333	DA	
A2	Activitatea de cercetare (A2)	600	758.753	DA	
A3	Recunoasterea impactului activitatii (A3)	150	486.752	DA	
Total (A)		850	1403.838	DA	

Conditii minimele obligatorii pe subcategorii					
		Necesar	Punctaj/Realizat	Indeplinit	Realizat
A1.1.1.-A1.1.2	Carti si capitole in carti de specialitate	1	8	DA	
A2.1.	Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings (minim 3 Q1 sau Q2)	15	32	DA	9 articole Q1/Q2
A2.4.1	Granturi/proiecte castigate prin competitie (Director/responsabil)	2	3	DA	
A3.1.1	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice ISI si in volumele unor manifestari stiintifice ISI (WOS)	25	115	DA	
A3.1.2	Numar de citari in carti, reviste si volume ale unor manifestari stiintifice BDI si in volumele unor manifestari stiintifice BDI (WOS)		41	DA	
	Factor de impact cumulat pentru publicatii	10	40,709	DA	

Conf.dr.ing. Galatus Ramona Voichita

Indicele Hirsch (h - index)

h - index: 5.7

Data:
13 iulie 2020

	WebOfKnowledge	Scopus	Google Scholar
h-index BDI	5	6	7
pondere h-index BDI	0.5	0.3	0.2

Candidat Conf. Dr. Ing. Ramona-Voichita Galatus

Fisa de verificare a standardelor minimale necesare si obligatorii pentru conferirea titlurilor didactice din invatamantul superior si a gradelor profesionale de cercetare /2017

Candidat: Galatus Ramona

Data: 13 iulie 2020

Standarde Abilitare: Electronica, Telecomunicatii si Nanotehnologie

Punctaj total: 1403.838

Domeniul de doctorat: Electronica, Telecomunicatii si Tehnologii Informatioanle-(ETTI)

Postul vizat: Profesor, pozitia 5, Bazele Electronicii, ETTI, UTCN

Scor = punctaj total / punctaj minim CNADCU:

1.652

Nr.	Domeniul activitatilor	Subcategori	Indicatori (kpi)	Numar	Punctaj	FI		
1	2	3	4	5	6	7		
1	Activitatea didactica si profesionala (A1)	Carti de autor sau capitole de specialitate in edituri cu ISBN	Carti, monografii, capitole ca autor					
			A1.1.1. internationale	100	2	41.56666667		
			A1.1.2. nationale	50	6	50		
		Material didactic/lucrari didactice publicate in edituri cu ISBN	Manuale didactice	A1.2.1	40	3	66.56666667	
Total punctaj (A1)					158.3333333			
2	Activitatea de cercetare (A2)	Articole in reviste cotate ISI si in volumele unor manifestari stiintifice indexate ISI proceedings	A2.1	(25+30 * fact.imp) /nr.aurori	32	544.062	40.709	
		Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (BDI)	A2.2	20/nr.aurori	11	53.857		
		Proprietate intelectuala, brevete de inventie, certificate ORDA	A2.3.1 Internationale	35/nr.aurori	0	0.000	0	
			A2.3.2 nationale	25/nr.aurori	0	0.000	0	
		Granturi/proiecte castigate prin competitie sau contracte cu agenti economici in valoare de minim 10.000 dolari SUA echivalent incasati	Director / responsabil partener	A2.4.1.1 Internationale	20*ani desf.	0	0	
			A2.4.1.2 nationale	10*ani desf.	3	19.83333333		
			Membri in echipa	A2.4.2.1 Internationale	4*ani desf.	7	104	
				A2.4.2.2 nationale	2*ani desf.	8	37	
Total punctaj (A2)					758.753	40.709		
3	Recunoasterea si impactul activitatii (A3)	Citari in carti, reviste si volume ale unor manifestari stiintifice	A3.1.1	carti, ISI	8/nr.aut.art.citat	115	351.752	
			A3.1.2	BDI	4/nr.aut.art.citat	41	37.000	
		Membri in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate ISI, chair, co-chair sau membru in comitetele de organizare ale manifestatiilor cotate ISI	A3.2			5	50	
		Membri in colectivele de redactie sau comitete stiintifice ale revistelor, organizator de manifestari stiintifice, internationale indexate ISI, chair, co-chair sau membru in comitetele de organizare ale manifestatiilor cotate BDI	A3.3			3	18	
		Premii in domeniu conferite de Academia Româna, ASTR, AOSR, sau premii internationale de prestigiu.	A3.4			2	30	
Total punctaj (A3)					486.752			

Candidat
Conf. Dr. Ing. Ramona-Voichita Galatus

Candidat: Galatus Ramona
 Comisia: Electronica, Telecomunicatii si Nanotehnologie
 Domeniul de doctorat: Electronica, Telecomunicatii si Tehnologii Informationale

Data: 13 iulie 2020

Activitatea didactica si profesionala (A1)

A1.1.1. Carti, monografii, capitoare ca autor -internationale						Punctaj	Numar
						41.6666667	2
Nr.	Autori	Titlu capitol/carte, ISBN	Editura	Anul	nr autori	Punctaj	
1	J Valles, R. Galatus	"Optimized Design of Yb3+/Er3+-Codoped Phosphate Microring Resonator Amplifiers, Chapter 7 in "Some Advanced Functionalities of Optical Amplifiers", Edited by Sisir Kumar Garai, ISBN 978-953-51-2237-1, InTechOpen, 16-Dec-15 link: https://www.intechopen.com/books/some-advanced-functionalities-of-optical-amplifiers	InTechOpen	16-Dec-15	2	25	
2	Cecilia Cristea, Florin Graur, Ramona Galatus, Calin Vaida, Doina Pisla, and Robert Sandulescu	Nanobiomaterials for Cancer Diagnosis and Therapy. Capitol carte in "Nanobiomaterials: Applications in Drug Delivery", editori Anil K. Sharma, Raj K. Keservani, Rajesh K. Kesharwani, ISBN 9781771885911, 2017, link https://www.routledge.com/Nanobiomaterials-Applications-in-Drug-Delivery/Sharma-Keservani-Kesharwani/book/9781771885911	WordCat - 51 biblioteci CRC Press, Taylor&Francis Group, https://www.worldcat.org/title/nanobiomaterials-applications-in-drug-delivery/isbn/1050143063	15-Aug-17	6	16 66667	

A1.1.2. Carti, monografii, capitoare ca autor -nationale						Punctaj	Numar
						50	6
Nr.	Autori	Titlu capitol / carte, ISBN	Editura	Anul	nr autori	Punctaj	
1	Stefan Tigan, Andrei Achimas, Tudor Drugan, Ramona Galatus, Dorina Gul	Informatica si statistica aplicate in medicina, Editura SRIMA, ISBN 973-98591-6-X	Editura SRIMA, Cluj-Napoca	2000	5	10	
2	Drugan T, Bondor C, Bolboaca S, Calinici T, Colosi H, Galatus R, Istrate D, Valeanu N, Achimas, S. Tigan	Aplicatii practice de informatica si statistica medicala, ISBN 973-85354-5-X.	Editura Alma Mater, Cluj-Napoca	2002	10	5	
3	Tudor Drugan, Sorana Bolboaca, Horatiu Colos, Ramona Galatus, Tudor Calinici, Dan Istrate, Cosmina Bondor, Madalina Valeanu, Andrei Achimas, Stefan Tigan	Informatica Medicala Aplicata, ISBN 973-8296-09-9.	Editura SRIMA, Cluj-Napoca	2003	10	5	

4	Druga T, Bolboaca S, Calinici T, Istrate D, Colosi H, Galatus R, Bondor C, Valeanu M, Achimas A, Tigan S	Aplicatii de Informatica Medicala - al Biostatistica, ISBN 973-85285-3-4	Editura SRIMA, Cluj-Napoca	2004	10	5
5	Ramona Galatus, Nicolae Puscas, Tiberiu Marita	Senzori Optici: concepte fundamentale si aplicatii, ISBN 978-606-17-0748-5	Editura Casa Cartii de Stiinta, Cluj-Napoca	2015	3	16.66667
6	P. Faragó1, R. Galatus, A. Ilea2, M. Ciflugea1, C. Faragó1andS. Hinteá	Integrated nanodevices for environmental analysis, published on CD, ISBN 978-973-53-2023-2, coordonator volum Ramona Galatus si Cecilla Cristea, Capitol: Smart sensor interface in biomedical monitoring systems	Editura Risoprint	2017	6	8.333333

A1.2.1. Material didactic/lucrari didactice				Punctaj	Numar	
link	Autori	Titlu capitol / carte, ISBN	Editura	Anul	nr autori	Punctaj
https://dava.poznan.com/cine/fajd/fajd.php?WzjRMm=11&NF=2&VF=6					66.66666667	3
1	Sabin Goron, Berar Sanda, Ramona Galatus	Curs de Delphi, ISBN 973-9298-77-X, Cl>: 681.3.06 DELPHI	Ed. RISOPRINT, Cluj-Napoca	1998	3	13.33333
2	Ramona Galatus	Managementul sistemelor logistice: manualul calificarii, ISBN 978-973-662-578-7, Radu Viad (coord), Capital carte	Ed UTPress	2010	1	40
3	Lorant Szolga, Ramona Galatus, Emil Voiculescu	Optoelectronica – Îndrumator de laborator, ISBN 978-973-662-858-0 (romana) - pagina 120 in referinta	UTPress	2013	3	13.33333

Candidat:
Standarde Abilitare:
Domeniul de doctorat

Galatus Ramona
Electronica, Telecomunicatii si Nanotehnologie
"Electronica, Telecomunicatii si Tehnologi Informatioale" (ETTI)

Data: 13 iulie 2020

Activitatea de cercetare (A2)								OTAL	758,753
A2.1. Articole in reviste cotate ISI si in volumele unor manifestari indexate ISI Proceedings								Punctaj	544,062
								Numar	32
								Fi cumulat	40,709
								3 galbene	6 rosii
Nr.	Autori	Titlu lucrare / revista (conferinta)	Factor de impact	Nr. autori	Punctaj	Tip	WOS	Anul aparitiei	
1	Farago, P (Farago, P.); Babota, AM (Babtan, Anida Maria); Galatus, R (Galatus, R.); Grosz, R (Grosz, R.); Roman, NM (Roman, N. M.); Feurdean, CN (Feurdean, C. N.); Ilea, A (Ilea, A.)	A side-polished fluorescent fiber sensor for the detection of blood in the saliva. 6TH INTERNATIONAL CONFERENCE ON ADVANCEMENTS OF MEDICINE AND HEALTH CARE THROUGH TECHNOLOGY, MEDTECH 2018 / aparitie 2019, https://doi.org/10.1007/978-981-13-6201-1_4	0.25	7	4.642857143	proceeding	WOS:000493501130004	2019	
2	Farago, P (Farago, Peul); Galatus, R (Galatus, Ramona); Hirtea, S (Hirtea, Sorin); Bosca, AB (Bosca, Adina Bianca); Feurdean, CN (Feurdean, Claudia Nicoleta); Ilea, A (Ilea, Aranka)	An Intra-Oral Optical Sensor for the Real-Time Identification and Assessment of Wine Intake. Sensors 2019, 19(21), 4719. https://doi.org/10.3390/s19214719 ; https://www.mdpi.com/1424-8220/19/21/4719	3.27	6	20.51666667	rosie	WOS:000498834030116	2019	
3	Bider, A., Feer, B., Tertis, M., Galatus, R., Cristea, C.	Electrochemical surface plasmon resonance (EC-SPR) aptasensor for ampicillin detection. Anal Bioanal Chem 411, 1053--1065 (2019); https://doi.org/10.1007/s00216-018-1533-5 ;	3.63	5	26.78	rosie	WOS:000457362230009	2019	
4	Farago, P., Galatus, R., Cirligea, I.A., Hirtea, S.	Fluorescent Fiber Implementation of an Angle Sensor, 2018, Conference: 20th International Conference on Transparent Optical Networks (ICTON) Location: Univ Tehnica Bucharest, Cent Lib, Bucharest, ROMANIA Date: Jul 01-25, 2018, Sponsor(s): IEEE Photonics, https://doi.org/10.1109/ICTON.2018.8479337	0.25	4	8.125	proceeding	WOS:000462559330061	2018	
5	Ramona Galatus*, Paul Farago*, Juan Valles	Optical Data Transmission with Plastic Scintillating Fibers. SPIE Photonics Europe 2018, 22-27 April 2018, Strasbourg, France. https://doi.org/10.1117/12.2366677	0.25	3	10.83333333	proceeding	WOS:000450857530046	2018	
6	Paul Farago*, Ramona Galatus*, Sorin Hirtea*, Juan C. Martin*, Juan Valles	Fluorescent Fiber Implementation of a High-resolution Distributed Position Sensor. SPIE Photonics Europe 2018, 22-27 April 2018, Strasbourg, France; https://doi.org/10.1117/12.2307794	0.25	5	6.5	proceeding	WOS:000452637200037	2018	
7	Ramona Galatus, Paul Farago, Piotr Miluski, Juan-Antonio Valles	Distributed fluorescent optical fiber proximity sensor: Towards a proof of concept. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, Volume 190, 3 June 2018, Pages 7-18, doi: https://doi.org/10.1016/j.saa.2018.02.044 ;	3.232	4	30.49	rosie	WOS:000432234830002	2018	

8	Cennamo, N (Cennamo, Nunzio); De Maria, L (De Maria, Leticia); Chemelli, C (Chemelli, Cristina); Pasavento, M (Pasavento, Maria); Profumo, A (Profumo, Antonella); Galatus, R (Galatus, Ramona); Zeni, L (Zeni, Luigi)	Surface Plasmon Resonance Sensor in Plastic Optical Fibers. Influence of the Mechanical Support Geometry on the Performance, Book Series: Lecture Notes in Electrical Engineering, Volume: 431, Pages: 135-141, https://doi.org/10.1007/978-3-319-55077-0_18 ;	0.25	7	4.642857143	proceeding	WOS:0004350095:00018	2018
9	Cennamo, F, Mattiello, F, Galatus, E, Voiculescu, L, Zeni	Plasmonic sensing in D-shaped POFs with Fluorescent optical fibers as light sources, IEEE Transactions on Instrumentation & Measurement, 2017, Issue 4 • April 2018, Page(s): 254 - 259, https://doi.org/10.1109/TIM.2017.716 ;	3.658	5	26.948	rosie	WOS:0004271267:00004	2018
10	C Cristea, M Terzi, R. Galatus	Magnetic Nanoparticles for Antibiotics Detection, Nanomaterials 2017, 7(6), 119, https://doi.org/10.3390/nano7060119 ;	4.324	3	51.57333333	galbena	WOS:0004404911:00002	2017
11	P. Farago, R. Galatus, N. Tosa, G. Olteanu	Low-cost Quasi-distributed Position Sensing Platform based on Blue Fluorescent Optical Fiber, 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME), 26-29 October, Constanta, Romania, 2017, pp.224 - 227, https://doi.org/10.1109/SIITME.2017.8259948 ;	0.25	4	8.125	proceeding	WOS:0004280323:00009	2017
12	R. Galatus, P. Farago, N. Cennamo, C. Cristea	SPR Based Hybrid Electro-Optic Biosensor Platform, based on side emitting plastic POF optical fiber, 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME), 26-29 October, Constanta, Romania, 2017, pp.328 - 331, https://doi.org/10.1109/SIITME.2017.8259917	0.25	4	8.125	proceeding	WOS:0004280323:00008	2017
13	A. Stoilza, R. Galatus, G. Olteanu, L. Ivanău	Intrusion detection system based on plastic optical fiber, 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME), Pages: 403 - 408, Year: 2017, https://doi.org/10.1109/SIITME.2017.8259935 ;	0.25	4	8.125	proceeding	WOS:0004280323:00005	2017
14	Cennamo, N ; Pasavento M, DeMaria L, Galatus, R, Mattiello, F, Zeni, L	Comparison of different photoresist buffer layers in SPR sensors based on D-shaped POF and gold film, Proceedings Volume 10373, 25th International Conference on Optical Fiber Sensors, 103734F (2017), https://doi.org/10.1117/12.2265603	0.25	6	5.416666667	proceeding	WOS:0004138088:00225	2017
15	R. Galatus, B. Feier, C. Cristea, N. Cennamo, L. Zeni	SPR-based Hybrid Electro-Optic Biosensor for Beta-Lactam Antibiotics Determination in Water, SPIE Optics+Photonics 2017, San Diego, USA, 6-10 August 2017, https://doi.org/10.1117/12.2273318 ;	0.25	5	6.5	proceeding	WOS:0004243945:00008	2017
16	N Cennamo, R Galatus, F Mattiello, R Sweid, L Zeni	Design of surface plasmon resonance sensor in plastic optical fibers based on nano-antenna arrays, Procedia Engineering 168, 880-883, 2016, https://doi.org/10.1016/j.proeng.2016.11.296 ;	0.25	5	6.5	proceeding	WOS:0003916413:00212	2016

17	Galatus, Daniel Mega, Victor Cojocaru, Nrazno Cernamo, Luigi Zeni	Fuzzy control system based on sp-ppf fiber sensor for chloride monitoring in water, 15th International Multidisciplinary Scientific GeoConference SGEM 2016, SEME2016 Conference Proceedings, ISBN 978-619-7105-59-9, https://doi.org/10.5593/SGEM2016/B22/S10.116 ;	0.25	5	6.5	proceeding	WOS 0003954995300114	2016
18	R. Galatus, J. Valles	Optimized design of high-order series coupler Yb3+/Er3+ codoped phosphate glass microring resonator filters, SPIE Photonics Europe, 98891D-6, 2016, https://doi.org/10.1117/12.2227282	0.25	2	16.25	proceeding	WOS 000391442230037	2016
19	Juan Valles, Ramona Galatus	Modeling of Yb3+/Er3+ codoped microring resonators, in OPTICAL MATERIALS, vol. 41, pp. 126-130, 2015, https://doi.org/10.1016/j.optmat.2014.10.028 ;	2.779	2	54.185	galbena	WOS 000350779030027	2015
20	N. Cernamo, R. Galatus, L. Zeni	Experimental results for characterization of a tapered plastic optical fiber sensor based on SPR, in SPIE Optics+ Optoelectronics, pp. 95061V-95061V-6, 2015, https://doi.org/10.1117/12.2178446 ;	0.25	3	10.8333333	proceeding	WOS 000356702230049	2015
21	Juan Valles, R. Galatus	Requirements for Gain/Oscillation in Yb3+/Er3+ Codoped Microring Resonators, in OPTICAL COMMUNICATIONS AND MATERIALS '16, vol. 9859, 2015, https://doi.org/10.1117/12.2076657	0.25	2	16.25	proceeding	WOS 0003546368530040	2015
22	Ramona Galatus, Juan Valles	Optimized Design of Yb3+/Er3+ Codoped Cross-Coupled Integrated Microring Resonator Arrays, in PHOTONIC FIBER AND CRYSTAL DEVICES: ADVANCES IN MATERIALS AND INNOVATIONS IN DEVICE APPLICATIONS VIII, vol. 9290, 2014, https://doi.org/10.1117/12.2063377 ;	0.25	2	16.25	proceeding	WOS 000344550230036	2014
23	Juan Valles, R. Galatus	Analysis of Yb3+/Er3+ codoped microring resonator cross-grid matrices, Proceedings Volume 9238, Photonics North 2014, 923811 (2014), Event: Photonics North 2014, 2014, Montreal, Canada, https://doi.org/10.1117/12.2074722 ;	0.25	2	16.25	proceeding	WOS 000344116430036	2014
24	N. Cernamo, G. D'Agostino, R. Galatus, L. Bibbo, M. Pezavento, L. Zeni	Sensors based on surface plasmon resonance in a plastic optical fiber for the detection of trinitrotoluene, in SENSORS AND ACTUATORS B-CHEMICAL, vol. 188, pp. 221-226, 2013, https://doi.org/10.1016/j.snb.2013.07.005	7.1	6	39.66666667	rosie	WOS 000326345630029	2013
25	Juan Valles, Ramona Galatus	Highly Yb3+/Er3+ Codoped Waveguide Microring Resonator Optimized Performance, in IEEE PHOTONICS TECHNOLOGY LETTERS, vol. 25, no. 5, pp. 457-459, 2013, https://doi.org/10.1109/PTL.2013.2241045 ;	2.45	2	49.25	galbena	WOS 000320521430014	2013
26	Ramona Galatus, Nuzio Cernamo, Emil Voiculescu	Optimal Design of D-type Plastic Fibers for best sensitivity of SPR Sensors, in INTERDISCIPLINARY RESEARCH IN ENGINEERING. STEPS TOWARDS BREAKTHROUGH INNOVATION FOR SUSTAINABLE DEVELOPMENT, vol. 8-9, pp. 563-573, 2013, https://doi.org/10.4028/www.scitecrel.com/IAE/8-9-563 ;	0.25	3	10.8333333	proceeding	WOS 000323184030063	2013

27	N. Cennamo, M. Pesavento, G. D'Agostino, R. Galatus, L. Bibbo, L. Zeni	Detection of trimethoprim based on SPs in molecularly imprinted polymer on Plastic Optical Fiber, in SPIE FIFTH EUROPEAN WORKSHOP ON OPTICAL FIBRE SENSORS, vol. 8764, 2013, https://doi.org/10.1117/12.2025695	0.25	6	5.41666667	proceeding	WOS:000323497630038	2013
28	Nunzio Cennamo, Davide Massarotti, Ramona Galatus, Laura Coròe, Luigi Zeni	Performance Comparison of Two Sensors Based on Surface Plasmon Resonance in a Plastic Optical Fiber, in SENSORS, vol. 13, no. 1, pp. 721-735, 2013, http://www.informaworld.com/1424-8220/13/1/721 , https://doi.org/10.1080/15438877.2013.771211	3.27	5	24.62	rosie	WOS:000314024830033	2013
29	L. Puscas, E. Rotar, R. Galatus, N. Puscas	Modeling of the Bragg gratings fabricated on Er ³⁺ -doped TE ₁₀₂₀ (3) optical waveguides, in ADVANCED TOPICS IN OPTOELECTRONICS, MICROELECTRONICS, AND NANOTECHNOLOGIES IV, vol. 7297, 2009, https://doi.org/10.1117/12.829661	0.25	4	8.125	proceeding	WOS:000291642930050	2009
30	Liliana Puscas, Ramona Galatus, Nicușor Puscas	Theoretical Study of the Statistical Properties of Single- and Double-Pass M-Mode Er ³⁺ -TOLUIDS-Sr ²⁺ /F Wa veguide Amplifiers, in FIBER AND INTEGRATED OPTICS, vol. 28, no. 2, pp. 170-178, 2009, https://doi.org/10.1080/0146803080267013	0.644	3	14.77333333	revista, zona 3	WOS:000264343730005	2009
31	Jorin Petreus, Daniel Megy, Ramona Galatus, Radu Munteanu	Modeling and Sizing of Supercapacitors, in ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, vol. 8, no. 2, pp. 15-22, 2008, https://doi.org/10.4316/AECE-2008.01003	1.102	4	14.515	revista, zona 3	WOS:000264815030003	2008
32	S. Ghinolu, L. Puscas, E. Rotaru, R. Galatus, N. Puscas	Evaluation of the attenuation and the optical coupling between optical fibers and waveguides, in Advanced Topics in Optoelectronics, Microelectronics, and Nanotechnologies III, vol. 6635, pp. U334-U340, 2007, https://doi.org/10.1117/12.742123	0.25	5	6.5	proceeding	WOS:000248405930048	2007

A2.2. Articole in reviste si volumele unor manifestari stiintifice indexate in alte baze de date internationale (NDI)							Punctaj	Numar
							53,857	11
Nr.	Autori	Titlu lucrare / revista (conferinta)	Baza de date	Nr. aut	Punctaj	An aparitie	Observatie	
1	Ogha, N., Bogdan, M., Galatus, R., Petre, L.	Effect of heat treatment on the upconversion of Nd ³⁺ /Yb ³⁺ -Er ³⁺ nanocrystals containing silver phosphate glass, Journal of Non-Crystalline Solids, Volume 545, 15 September 2020, 120243, https://doi.org/10.1016/j.jnoncrysol.2020.120243	Scopus	4	5	2020	ve fi ISI, CERAMICS-01	
2	Galatus, R.M., Marita, T., Butura, L., Ilea, A.	Periodontal probe based on the fluorescent fiber position sensor, Proceedings Volume 11361, Biophotonics in Point-of-Care, 113610W (2020), Event: SPIE Photonics Europe, 2020, Online Only, France, https://doi.org/10.1117/12.2555996	Scopus	4	5	2020	ve fi ISI, SPIE	
3	Galatus, R.M., Papara, R., Butura, L., Roman, A., Ursu, T.	Wearable multi-sensor for plant monitoring, based on fluorescent fibers, Proceedings Volume 11361, Biophotonics in Point-of-Care, 113610Z (2020), Event: SPIE Photonics Europe, 2020, Online Only, France, https://doi.org/10.1117/12.2555997	Scopus	5	4	2020	ve fi ISI, SPIE	

4	Ramona Găltus ; Paul Faragó ; Bogdan Mesezan ; Sorin Hătean ; Gabriel Oitean ; Aranka Ilea	Low-Cost Distributed Angle Sensor Implemented on a Fluorescent Fiber, 2019 21st International Conference on Transparent Optical Networks (ICTON), July 2019, https://doi.org/10.1109/ICTON.2019.8840596	Scopus	6	3.333333333	2019	ve fi ISI
5	Ramona Găltus, Doãn Petreus, Daniel Moga, Tiberiu Marita, Nicoleta Stroia	Extending Battery Life Time in the Wireless Sensor Applications with Fluorescent Optical Fiber Concentrator, 2018 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) - Sensors and Transducers, 15-17 May 2018, Houston, USA, https://doi.org/10.1109/I2MTC.2018.8409560	IEEE Scopus	5	4	2018	
6	Lorant Stoiga, Ramona Găltus, Gabriel Oiteanu	Fluorescent Optical Fiber Sensor for Arrang and Flame Monitoring in Electrical Distribution Boards, 2018 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) - Sensors and Transducers, 15-17 May 2018, Houston, USA, https://doi.org/10.1109/I2MTC.2018.8409535	IEEE Scopus	3	6.666666667	2018	
7	Găltus, R., Farago, P., Marita, T., Zenl, L.	Integrated system SPR array sensors based on side flow MIMA fibers, USA Nonlinear Photonics 2018, Zurich Switzerland, 2-5 July 2018. ISBN 978-1-944590-43-9, <a 10.1364="" bgppm.2018.jtu2a.80"="" doi.org="" href="https://www.stapublishing.org/abstract/doi/10.1018-JTu2A.80. Optics InfoBase Conference Papers/Vol. Part F96-BGPPM 2018, 2018, 203page Gratings, Photosensitivity and Poling in Glass Waveguides and Materials, BGPPM 2018: Zurich, Switzerland, 2 July 2018 through 5 July 2018. Code 140028, https://doi.org/10.1364/BGPPM.2018.JTu2A.80	Scopus	4	5	2018	
8	Găltus Ramona Voichita ; Emil Vokulescu ; Nunzio Cennamo ; Luigi Luongo ; Luigi Zeni	Augmented workplace for SPR sensor application, Sensors Applications Symposium (SAS), 2016 IEEE, Catania, Italy, IEEE Explore, https://doi.org/10.1109/SAS.2016.7479824	IEEE	5	4	2016	
9	C. Cristea, A. Florea, R. Găltus, E. Bodoki, R. Sandulescu, D. Moga, D. Petreus	Invasive immunosensors for early stage cancer diagnosis and therapy monitoring, in I2MTC Proceedings, vol. 42, pp. 47-50, 2014, https://doi.org/10.1007/978-3-310-02005-0_12	Scopus	7	2.857142857	2014	
10	R. Găltus, E. Voiculescu	Distributed active optical fiber sensor, for bending measurement, in Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), vol. 6883 LNCS, no. PART 3, pp. 493-498, 2011, https://doi.org/10.1007/978-3-642-18938-3_52	Scopus	2	10	2011	
11	Trifa, V. Marschalko, R. Szekeky, A. Stasz, C. Găltus, R.	Investigation of a four phase switched reluctance motor supplied from a PWM inverter, OPTIM 1998 - Proceedings of the 6th International Conference on Optimization of Electrical and Electronic Equipments, https://doi.org/10.1109/OPTIM.1998.707553	Scopus	5	4	1998	

A2.3.1. Proprietate intelectuală, brevete de invenție, certificate ORDA - internaționale				Punctaj	Numar	Fi cumulat
				0,000	0	0
Nr.	Autori	Denumire brevet / Organism	Anul	Nr. autor	Punctaj	

A2.3.2. Proprietate intelectuală, brevete de invenție, certificate ORDA - naționale				Punctaj	Numar	Fi cumulat
				0,000	0	0
Nr.	Autori	Denumire brevet / Organism	Anul	Nr. autor	Punctaj	

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A2.4.1.1. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - internationale						
					Punctaj	Numar
					0	0
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj		

A2.4.1.2. Granturi/proiecte castigate prin competitie: director/responsabil de proiect - nationale							
					Punctaj	Numar	Link
					20	3	http://www.bol.ro/ajuz/pabilitus/projects.html
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	Dovada		
1	National Management and evaluation of the local and regional hipertermia models using advanced methods for temperature measurement and control", Romanian Academy ASTP-CA1-2016, partners University of Medicine and Pharmacy "Iuliu Haieganu" Cluj-Napoca and Tedeco SRL (65 400 RON=13 000 EUR)	2017	0.4	4	contract strategie sermat	Responsabil stiintific partener	
2	National PN-III-P2-2.1-PED-2016-0172 (2017-2018), LEFISCDI, Nano-biosenzor optic cu interfața smartphone pentru detectia rapida si selectiva a antibioticilor din apa	2017-2018	1.3	15	contract strategie sermat	Director	
3	National UEFISCDI - PN-III-P1-1.1-MC-2019-2577, Proiecte de Mobilitate Cercetatori	2019	0.083	0.833333333	contract strategie sermat	Director	

A2.4.2.1. Granturi/proiecte castigate prin competitie: membru in echipa - internationale							
					Punctaj	Numar	Link
					104	7	https://www.jooscar.com/2016/06/09/219-06-06-2016-1-1/WvGj9FK3TEl8x
Nr.	Denumire proiect	Perioada	Nr. ani	Punctaj	Dovada	Observatii	
1	International HORIZON2020-COST "MP 1401 - Advanced Fibre Laser and Coherent Source as tools for Society, Manufacturing and Lifescience" , http://www.cost.eu/domains_actions/mps/Actions/MP1401?management	10 Sept 2014-9 Dec 2018	4	16	management committee	Management comitee member-responsabil UTCN	
2	International ERANET „Abordari tehnologice inovative pentru validarea A6Es salutare (Produsilor Finali de Glicolizare Avansata) ca noi biomarkeri in evaluarea factorilor de risc in bolile relateate cu dieta”, UMF Cluj, https://salvages.wordpress.com/team/	1 Ianuarie 2018-2021	3	12	contract		
3	International HORIZON2020-COST-TD1205-innovative methods in radiotherapy and radiosurgery using synchrotron radiation http://www.cost.eu/domains_actions/bmbs/Actions/TD1205?management	21 May 2013-20 May 2017	4	16	management committee	Substituti Management comitee member-responsabil UTCN	

4	International	HR120N2020-COST-CA16220: European Network for High Performance Integrated Microwave Photonics - COST Action, http://www.cost.eu/COST_Actions/ca/CA16220	4 Oct 2017 - 3 Oct 2021	4	16	management committee	Substitute Management committee member- responsabil UTCN, abea a inceput	
5	International	FP7-COST 111111: Knowledge Horizons Optical Future Sensor Systems for Future Security and Safety Applications (OFSeSa) Link: http://www.cost.eu/COST_Actions/ict/Actions/1110017management	2010-2016	4	16	management committee	Substitute Management committee member- responsabil UTCN - apar la raport diseminare rezultate	
6	International	FP7-COST MP1307-Stable Next-Generation Photovoltaics: Unraveling degradation mechanisms of Organic Solar Cells by complementary characterization techniques (StableNextSol) Link: http://www.cost.eu/COST_Actions/mp1307/Actions/MP1307management	2014-2018	4	16	management committee	Substitute Management committee member- responsabil UTCN - coordonare rezultate prin CONGRESSIT	
7	International	Femtosecond-laser Assisted Self-Organization Processes for Photonics: Design of Photonic Devices and Experimental Characterization, Principal Investigator: Juan Antonio Valles Brou, Universitatea de Stiinte din Zaragoza, Spania - proiect castigat prin com	2015-2018	3	12	contract general - management	responsabil UTCN: R. Galitus	
A2.4.2.	Granturi/proiecte castigate prin competitie: membru in echipe - nationale				Punctaj	Numar	Link	
				37	8	https://drive.google.com/drive/folders/1h5w7m0Dj8e4g38z7c5Z8k45		
Nr.	Denumire proiect	Descriere	Perioada	Nr. ani	Punctaj	Dovada	Director	Observatii
1	National	Echipament de chimolipoteremie intraspecifica dezvoltat pr n paradigma Cyber Physical System/ PN-II-RU-TE-2014-4-2859 (2014-2018)	2015-2017	2	4	contract cercetator	Director: Prof J. Moga	
2	National	DAMFUSistem inteligent de urinare a comportarii barajelor prin fuziunea Informaticilor, PN-III-P2-2.1-PTF-2016-0134(2017-2018)	2017-2018	2	4	contract cercetator	Responsabil: Prof G Oiteanu	
3	National	"Cercetari privind dezvoltarea tehnicilor computerizate de screening citologic si asistare a diagnosticului histopatologic", contract CNCIS de tip A	2005-2008	3	6	contract cercetator	Director: prof. V. Trifa	dovada raportare membru
4	National	Program postdoctoral "AD-POSTDOC, POSDRU/89/1.5/5/62557, tema de cercetare: Metode de prelucrare a semnalului optic, bursa postdoctorala	2010-2013	3	6	contract cercetator	Director: prof A. Vlaicu	
5	National	HydroSens. Sistem integrat de senzori inteligenti pentru monitorizarea constructiilor hidrotehnice de importanta strategica, PN-II-PT-PCCA-7/1/2012, in	2013-2016	0.5	1	contract cercetator	Director: Prof Daniel Moga	din arhiva UTCN
7	National	Implementarea comensii in timp real a servomotorului cu reluctance autoconstruit cu alimentare ecologica din retea. a de c.a. CNCIS, 1998-2000.	1998-2000	3	6	contract cercetator	Director: prof. V. Trifa	dovada raport membru echipa

8	National	Parteneriate in domenii prioritare – Domeniul 2 Energie. Proiectul: Sisteme electrice optimizate energetic pentru transportul terestru utilizand baterii si supra-condensatori "TRANS SUPER CAP", code 21018, 2006-2009, beneficiar CNMP, Contract D1-2-01	2008-2009	2	4	contract cercetare	Director: Conf. Palaghita	dovada piata, din arhiva uzcm
10	National	„MATERIALE ACTIVE UNICOMPONENTE PENTRU CELULE SOLARE ORGANICE BAZATE PE COMPLEXI PI-CONIUGATI AUTOSAMBLATI”, ID: P_37_220, Nr. contract: 21/./09-2016, cod MySMIS: 103506, http://erglight.granturi.ubbcluj.ro/echipa-de-implementare/ , Proiect finantat prin Programul Operational Competitivitate (POC) 2014-2020, Axa Prioritară 1 - Cercetare, dezvoltare tehnologică și inovare (CD) în sprijinul competitivității economice și dezvoltării afacerilor, Acțiunea 1.1.4. Atragerea de personal cu competențe avansate din strălăitate pentru consolidarea capacității CD	2017-2020	3	6	contract cercetare	Director: Jean Roncalli, France	

			5-11	<p>Ray, T. D. "Anomalous behavior of the glucose oxidase reaction for electrochemical monitoring of a cyclic hemipolymer." <i>ANALYTICAL CHEMISTRY</i>, Volume 73, Issue 1, Pages 235-241. Published 2001.</p> <p>https://doi.org/10.1021/AN000111a001</p>	<p>Ray, T. D., et al. "Anomalous behavior of the glucose oxidase reaction for electrochemical monitoring of a cyclic hemipolymer." <i>ANALYTICAL CHEMISTRY</i>, Volume 73, Issue 1, Pages 235-241. Published 2001.</p>	3	2.4866667	Q1	WOS:00016641100314	2020	
6	"Modeling of Pb(II)-S-adsorbed on zinc resin resinates," <i>Opt. Mater.</i> , vol. 41, pp. 326-330, Mar 2012.	J. A. Valle and R. Calvario	20.5	<p>WOS:003036770020027</p> <p>Ar "334-434- Coloidal Silver Nanoparticles in the 2-Dimethylaminoethyl Acrylate (DMAEMA) Copolymer." <i>OPTICS LETTERS</i>, Volume 33, Issue 13, Pages 2671-2673. Published 2008.</p> <p>https://doi.org/10.1364/OL.33.02671</p>	<p>Arghiri, I., et al. "Modeling of Pb(II)-S-adsorbed on zinc resin resinates." <i>Opt. Mater.</i>, vol. 41, pp. 326-330, Mar 2012.</p> <p>Arghiri, I., et al. "Coloidal Silver Nanoparticles in the 2-Dimethylaminoethyl Acrylate (DMAEMA) Copolymer." <i>OPTICS LETTERS</i>, Volume 33, Issue 13, Pages 2671-2673. Published 2008.</p>	2	1.000	Q1	WOS:00044321600004	2018	1
			6-2	<p>Effect of Pb(II)-adsorption on the emission wavelength of a Pb(II)-adsorbed dye in a copolymer system." <i>OPTICS LETTERS</i>, Volume 33, Issue 18, Pages 4252-4254. Published 2008.</p> <p>https://doi.org/10.1364/OL.33.04252</p>	<p>J. A. Valle, et al. "Effect of Pb(II)-adsorption on the emission wavelength of a Pb(II)-adsorbed dye in a copolymer system." <i>OPTICS LETTERS</i>, Volume 33, Issue 18, Pages 4252-4254. Published 2008.</p>	2	1.000	Q1	WOS:000444400100021	2018	
7	Experimental results for the determination of a trace of polycyclic aromatic hydrocarbons (PAHs) in water using a fluorescence sensor based on a Pb(II)-adsorbed dye in a copolymer system." <i>OPTICS LETTERS</i> , Volume 33, Issue 18, Pages 4252-4254. Published 2008.	M. Carvate, R. Calvario, and J. A. Valle	20.5	<p>WOS:000444400100021</p> <p>Reflexive Index Sensing Based on a Silver-Plated Microresonator with a Copolymer Surface Plasmon Resonance and Macromolecular Loss. <i>IEEE SENSORS JOURNAL</i>, Volume 19, Issue 14, Pages 5063-5069. Published 2019.</p> <p>https://doi.org/10.1109/JSEN.2019.2904438</p>	<p>Reflexive Index Sensing Based on a Silver-Plated Microresonator with a Copolymer Surface Plasmon Resonance and Macromolecular Loss. <i>IEEE SENSORS JOURNAL</i>, Volume 19, Issue 14, Pages 5063-5069. Published 2019.</p>	3	5.3933333	Q1	WOS:000472904000027	2019	4
			7-2	<p>Microfluidic-based Single-Cell Death, Current Status and Future Trends in 3D. <i>IEEE Access</i>, Volume 7, Pages 1-11. Published 2019.</p> <p>https://doi.org/10.1109/ACCESS.2019.2904438</p>	<p>Wu, H. et al. "Microfluidic-based Single-Cell Death, Current Status and Future Trends in 3D." <i>IEEE Access</i>, Volume 7, Pages 1-11. Published 2019.</p>	1	5.3933333	Q2	WOS:000472904000027	2019	
			7-8	<p>Highly Sensitive and Selective Fluorescence Sensor for the Detection of Lead(II) Ions in Aqueous Solution by Using the Redox-Induced Aggregation of a Fluorescent Polymer. <i>ACS Applied Materials & Interfaces</i>, Volume 10, Issue 14, Pages 11953-11961. Published 2018.</p> <p>https://doi.org/10.1021/acsami.8b02344</p>	<p>Masrutiya Goswami, Deepak Chandra A. Arachanana</p>	3	5.3933333	Q2	WOS:000444400100021	2018	
			7-4	<p>Two-Phase of SERS Sensor Combined Application of Polymer and Nanoparticles. <i>Sensors</i>, Volume 19, Issue 11, Pages 2523-2532. Published 2019.</p> <p>https://doi.org/10.3390/s19112523</p>	<p>Wu, H., et al. "Two-Phase of SERS Sensor Combined Application of Polymer and Nanoparticles." <i>Sensors</i>, Volume 19, Issue 11, Pages 2523-2532. Published 2019.</p>	3	5.3933333	Q1	WOS:000472904000027	2019	
8	Sensor based on surface plasmon resonance in a dielectric resonator for the detection of polycyclic aromatic hydrocarbons (PAHs) in water using a fluorescence sensor based on a Pb(II)-adsorbed dye in a copolymer system." <i>OPTICS LETTERS</i> , Volume 33, Issue 18, Pages 4252-4254. Published 2008.	M. Carvate, G. D'Agostino, A. Calvario, L. Calvario, M. Carvate, L. Calvario	20.5	<p>WOS:000444400100021</p> <p>Selective Adsorption of Lead(II) Ions on a Self-Assembled Polymer Nanoparticles. <i>ACS Applied Materials & Interfaces</i>, Volume 10, Issue 14, Pages 11953-11961. Published 2018.</p> <p>https://doi.org/10.1021/acsami.8b02344</p>	<p>Selective Adsorption of Lead(II) Ions on a Self-Assembled Polymer Nanoparticles. <i>ACS Applied Materials & Interfaces</i>, Volume 10, Issue 14, Pages 11953-11961. Published 2018.</p>	6	1.667	Q1	WOS:000444400100021	2018	4
			8-2	<p>Effect of Pb(II)-adsorption on the emission wavelength of a Pb(II)-adsorbed dye in a copolymer system." <i>OPTICS LETTERS</i>, Volume 33, Issue 18, Pages 4252-4254. Published 2008.</p> <p>https://doi.org/10.1364/OL.33.04252</p>	<p>By Nakano, Chieko, Hiroaki, Gaku, Yuhki, Hiroto</p>	6	1.333	PCC(H)	WOS:000444400100021	2014	
			8-3	<p>Modeling of Pb(II)-S-adsorbed on zinc resin resinates." <i>Opt. Mater.</i>, vol. 41, pp. 326-330, Mar 2012.</p> <p>https://doi.org/10.1016/j.optmat.2012.03.014</p>	<p>Chu Fengping, Cuiyong Tianhua, Yuhui Li, Jipeng and Yunhua Ma</p>	6	1.333	Q1	WOS:000444400100021	2014	

13-8	SFB based fibre optic sensor with an integrated electrochromic and fluorescence sensing mechanism for detection of metal ions in aqueous solution. <i>Optics Communications</i> , 2016, 325, 1-5. DOI: 10.1016/j.optcom.2016.07.044	R. Tazawani, B. D. Gurni, L. A. H. D.	5	1600	Q3	WOS:000375213000021	2016
13-9	Diffractive polymer optical fibers for surface plasmon resonance sensing. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	M. Ghalib, T. M. Alkhalaf, G. Najjar, M. M. Alsharrah, M. Alsharrah	5	1600	Q3	WOS:000407399500001	2017
13-10	Plasmonic resonances in photonic crystal fibers for surface plasmon resonance sensing. <i>Journal of Applied Physics</i> , 2017, 121, 1-7. DOI: 10.1063/1.4969111	L. Alsharrah, M. Alsharrah, M. Alsharrah, M. Alsharrah, M. Alsharrah, M. Alsharrah	5	1600	Q4	WOS:000411592300021	2017
13-11	Hydrogel-coated optical fibers for detection of glucose. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	Octaviana, N. M., T. M. Alkhalaf, M. M. Alsharrah, M. Alsharrah	5	1600	Q4	WOS:000416424400001	2017
13-12	Turbidity and Seawater Monitoring of Polymers with Photonic Crystal. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	M. Hajar, M. Alsharrah, M. Alsharrah, M. Alsharrah	5	1200	Q1	WOS:000398689000001	2017
13-13	Photonic Crystal Fiber Based Sensor for Detection of Glucose. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	M. Hajar, M. Alsharrah, M. Alsharrah, M. Alsharrah	5	1200	Q1	WOS:000388794600001	2017
13-14	Numerical simulation of the performance of a fiber-based optical fiber sensor for detection of glucose. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	M. Hajar, M. Alsharrah, M. Alsharrah, M. Alsharrah	5	1200	Q2	WOS:000398672200001	2017
13-15	Photonic crystal fiber based sensor for detection of glucose. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	M. Hajar, M. Alsharrah, M. Alsharrah, M. Alsharrah	5	1600	Q4	WOS:000423446000001	2017
13-16	Photonic crystal fiber based sensor for detection of glucose. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	M. Hajar, M. Alsharrah, M. Alsharrah, M. Alsharrah	5	1200	Q2	WOS:000423446000001	2017
13-17	Photonic crystal fiber based sensor for detection of glucose. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	M. Hajar, M. Alsharrah, M. Alsharrah, M. Alsharrah	5	1200	Q2	WOS:000423446000001	2017
13-18	Photonic crystal fiber based sensor for detection of glucose. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	M. Hajar, M. Alsharrah, M. Alsharrah, M. Alsharrah	5	1200	Q3	WOS:000423446000001	2017
13-19	Photonic crystal fiber based sensor for detection of glucose. <i>Sensors</i> , 2017, 17, 1-11. DOI: 10.3390/s17071141	M. Hajar, M. Alsharrah, M. Alsharrah, M. Alsharrah	5	1200	Q1	WOS:000423446000001	2017

13-18	Exploration of surface plasmon resonance for sensing copper ion based on a hexameric fine cellulose-modified thin film. <i>Yasir M. Al-Jarrah, Ahmed Abdulrahman Al-Jarrah, Yashwanth Reddy, et al. Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	Dehghani, V. (Ed.). <i>Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	5	1200	Q1	ACS 00044489000130	2018	
13-19	Design and fabrication of a surface plasmon resonance sensor for the detection of copper ion based on a hexameric fine cellulose-modified thin film. <i>Yasir M. Al-Jarrah, Ahmed Abdulrahman Al-Jarrah, Yashwanth Reddy, et al. Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	Dehghani, V. (Ed.). <i>Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	5	1600	Q1	ACS 00044489000130	2018	
13-20	Design and fabrication of a surface plasmon resonance sensor for the detection of copper ion based on a hexameric fine cellulose-modified thin film. <i>Yasir M. Al-Jarrah, Ahmed Abdulrahman Al-Jarrah, Yashwanth Reddy, et al. Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	Dehghani, V. (Ed.). <i>Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	5	1600	Q1	ACS 00044489000130	2018	
13-21	Design and fabrication of a surface plasmon resonance sensor for the detection of copper ion based on a hexameric fine cellulose-modified thin film. <i>Yasir M. Al-Jarrah, Ahmed Abdulrahman Al-Jarrah, Yashwanth Reddy, et al. Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	Dehghani, V. (Ed.). <i>Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	5	1200	Q1	ACS 00044489000130	2018	
13-22	Design and fabrication of a surface plasmon resonance sensor for the detection of copper ion based on a hexameric fine cellulose-modified thin film. <i>Yasir M. Al-Jarrah, Ahmed Abdulrahman Al-Jarrah, Yashwanth Reddy, et al. Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	Dehghani, V. (Ed.). <i>Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	5	1600	Q1	ACS 00044489000130	2018	
13-23	Design and fabrication of a surface plasmon resonance sensor for the detection of copper ion based on a hexameric fine cellulose-modified thin film. <i>Yasir M. Al-Jarrah, Ahmed Abdulrahman Al-Jarrah, Yashwanth Reddy, et al. Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	Dehghani, V. (Ed.). <i>Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	5	1600	Q1	ACS 00044489000130	2018	
13-24	Design and fabrication of a surface plasmon resonance sensor for the detection of copper ion based on a hexameric fine cellulose-modified thin film. <i>Yasir M. Al-Jarrah, Ahmed Abdulrahman Al-Jarrah, Yashwanth Reddy, et al. Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	Dehghani, V. (Ed.). <i>Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	5	1200	Q1	ACS 00044489000130	2018	
13-25	Design and fabrication of a surface plasmon resonance sensor for the detection of copper ion based on a hexameric fine cellulose-modified thin film. <i>Yasir M. Al-Jarrah, Ahmed Abdulrahman Al-Jarrah, Yashwanth Reddy, et al. Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	Dehghani, V. (Ed.). <i>Optics and Photonics Technology Letters</i> , Vol. 11, No. 1, 2019, pp. 1-4. DOI: 10.1002/otl.201800001	5	1200	Q1	ACS 00044489000130	2018	

11	Handbook of Superconductivity in High Voltage Electrical Equipment, IEC Technical Report, IEC, Geneva, Switzerland, 2008	2008	YICS 00024815002003	Voltage Control to Achieve Power Management of Hybrid HVDC Transmission System Under Unbalanced Voltage Sag Condition	Hajabeh, Amin, Eskari, Farouc Akbar, Feller, AJ	4	1000	Q1	WCS0002841300031	2018	4	
		11-2		Energy Storage in Hybrid Power Generation System: A 1425MW Diesel-Locomotor Based on Superconducting Inverter-Rectifier	Caro, Luis Carlos, B. Jose, David Varas, Berra, Yasuhide	4	1000	WOS:000433933000647		2011		
		11-3		Power Storage System of the 500 kV DC Cable System	Shen, Huijie, Ahmad, Ahdosew, Khaleel	4	1000	Q4	WCS000341314000212		2012	
		11-4		Active Power Management of the 300 kV and 500 kV Voltage Converters in a Medium Voltage Microgrid	Shahmoradian, Amir, Ghobad, Amirhossein, Shams, Hossein, et al.	4	1000	Q1	WCS000325483000035		2012	
		11-5		Application of the Superconducting Josephson Junction in a Superconducting Storage System	Teo, Yee, Raju, R. Hariharan, Wang, Jinqiang	4	1000	Q1	WCS000320897000077		2012	
		11-6		Numerical Modeling and Simulation of Superconducting Capacitors	He, L.S., Fu, H.S.	4	1000	Springer book	WCS000308833000018		2013	
		11-7		Combining Superconducting and High Voltage DC in the HVDC System	Schneiders, Sabine, Jandeweyer, Johannes, Iqbal, Babar J. H., et al.	4	1000	Q1	WOS000409846000020		2013	
		11-8		Review on recent advances in the design and applications of superconducting storage systems	Wu, Hui, Acik, Mehmet, M., Bekturov, Derynshol, Kalim, et al.	4	1000	Q1	WCS000434458300001		2013	
13	IEEE Transactions on Applied Superconductivity, Vol. 23, No. 5, October 2013	2013	13-1	Numerical simulation of the performance characteristics of a superconducting fault current limiter	SHAN M, HAN L, HUO M, LIU Y, CHEN J, LIU J, LIU D	3	5333	11, galbraith, IJ, 1153, 1345, 11, Applied Optics	WCS000331673300045	2013	1	
		13-2		40 GHz superconducting frequency comb generator for an array of baseband signals in a superconducting quantum circuit	Qingping, Wu, Peng, Zhang, Taiyuan, Wang, Meng, Xie, Yi, Liu, et al.	3	5333	11, galbraith, IJ, 1153, 1154, Applied Optics	WCS000404743000017	2013		
14	IEEE Transactions on Applied Superconductivity, Vol. 23, No. 5, October 2013	2013	14-1	A simple approach to electromagnetic actuator control based on superconducting magnetic bearings	Srinani, A., Jada, T., Hanuma, T.	5	1800	Q3	WCS000293745000015		2005	1

					Sevinal and Upreti Studies of Functional Gas Nanotubes Obtained by Template Method: Progress in Factory Storage Research C. Vol. 11, pp. 439-450. http://www.intechopen.com/chapter/38510	Chakrabarti, C., Basak, V.S., Choudhury, A.L., Kumar, J.E., Halder, M.S.	3	1333	Scopus		2018		
					Research article for the journal: "International Journal of Research in Science and Technology", pp. 343-347. http://dx.doi.org/10.2478/1848-9304.121052	Walia, S., Acharya, A.	3	1333	Scopus		2018		
4	Modeling and Synthesis of Superconductors in MEMS for the detection of "biomolecules": Sensors and Actuators B, pp. 1-6, no. 19-22, 2008.	Doris Ferré, A., Daniel López, Patricia Galarraga, and Juan Manzano	2008	WOS:000264815000065	Power Management Strategy for a multi-bus DC railway storage power generation system. Power Electronics and Drive Systems Technology (PEDSTC), 2012 2nd, Muscat, Oman, 23-27 Oct. 2012	A. Elgaray, M. Manuel, H. Velázquez,	4	1000	IEEE Xplore	INPEC Session Number 10692466	2012	4	
					Charge Management with Super-capacitor-Based Energy Storage System for Data-Center Servers and Systems Book, 2015 - Ec2 Engineering Book Chapter. http://dx.doi.org/10.1007/978-94-007-5473-6_10	Shreeprakash, P.H., Chow	4	1000	Springer book	http://www.springer.com		2015	
					CHAPTER 13 General Properties of Nanoscale Material Characterization, Superconductivity, Materials, Systems, and Applications. pp. 59-100. http://dx.doi.org/10.1007/978-94-007-4862-0_13	Pandey, M., Ravi, V., Sankaranarayanan, S., Venkat, J.	4	1000	Scopus book			2013	
5	Sensors based on surface plasmon resonance in a plasmonic fiber for the detection of "biomolecules": Sensors and Actuators B, pp. 20(2) 211-216	Cerrato, G., Cabello, R., Quiñones, E., Benito, H., Tejedor, J.	2013	WOS:000313456000229	Impact of Different Fiber Characteristics on SP1 Sensors for Continuous Glucose Monitoring. In: "Silvia Cabello, Patricia Quiñones, Verónica Benito, María Jesús Cabello (Eds.), Proceedings of the 12th International Conference on Optical Sensors and Applications (OSA 2013), pp. 1-12. http://dx.doi.org/10.1007/978-94-007-5473-6_1	María Jesús Cabello, Patricia Quiñones, Verónica Benito, Verónica Benito, María Jesús Cabello, Patricia Quiñones, Verónica Benito, María Jesús Cabello	6	0067	IEEE Xplore	INPEC Session Number 10692466	2014	5	
					Electrochemical detection with preconcentration. Molecular electrocatalysis. Electrochimica Acta, pp. 35-48. http://dx.doi.org/10.1016/j.electacta.2014.03.011	Bard, A.J., Faulkner, L.R., D'Alagni, L., Varadarajan, S.V., Faulkner, S., Veiga, A., Leizaola, J., Ebbesen, S., Paulsen, J., Chikrii, D., Binneman, J.	6	0067	Scopus		2014		
					CHAPTER 7, Surface Impurities: Metal and Nanoparticles, Comprehensive Analytical Chemistry, pp. 133-151. http://dx.doi.org/10.1016/B088-3-00030-3	Smith, D., H. H. G. G., B.	6	0067	Scopus book chapter			2011	
					CHAPTER 8, Molecularly Imprinted Polymer-based Optical Detectors for Selective Chemical Determination, IJC Polymer Chemistry Series, 2018, pp. 111-128. http://dx.doi.org/10.1002/ijpc.12127	Morales-Bondi, A.C., Santos-Pérez, F., Carrasco, S., Urbina, J.L.	6	0067	Scopus book chapter			2018	
					Functionalized polymers (IIP) for the detection of toxic and hazardous substances: a review. Challenges, Issues and Prospects. pp. 47-119. http://dx.doi.org/10.1007/978-94-007-5473-6_4	Pujari, P.R.A., Monteiro, G.C.A., Foguel, M.V., Soban, V.S.A., Vaidya, M.J., Solomiyuk, M., Taral, N., et al.	6	0067	Scopus book chapter		2011		
					Flow sensors based on polymerized carbon nanotubes. Sensors, pp. 1-13. http://dx.doi.org/10.3390/s12101828	Gupta, B.D., Sivastava, S., Verma, R.	6	0067	Scopus book chapter			2010	
					Flow sensor based on ultraviolet sensor for biological applications. Precision Engineering, pp. 520-525. http://dx.doi.org/10.1016/j.precision.2014.11.018	Sanjay, A., Author, Lakshmi, V.L., Banerjee, A.C., Lavanya, G.A., et al., Passarelli, P.A., Banerjee, C., et al., et al.	6	0067	Scopus		2014		

				Development of an immunosensor of electrocatalytic detection of microorganism in water and environmental monitoring. Proceedings of 22nd International Conference on Medical Device, March 2018, pp. 107-114. https://www.researchgate.net/publication/326190713	Wanderlei, G. A. S., Rodrigues, D. A. L., Garcia, V. A., Gonçalves, M. S. A., Magalhães, M. A. L. S. A., Almeida, R. M. A. M. R. C. S. B. et al.	6	0.667	Scopus		2018		
5	<p>“FUZZY CONTROL SYSTEM BASED ON FUZZY FILTER SENSOR FOR CALORIMETRIC MONITORING IN WASTEWATER”</p> <p>By Patricia, Erika, Luciana, Daniela, Coimbra, Victor, et al.</p> <p>Car. técnica. 2017. In: Anais do VII Simpósio Brasileiro de Sensoriamento Remoto, 2017, João Pessoa, Paraíba. Data: Junho 30, 11 de 2017. Disponível em: https://www.researchgate.net/publication/326190713. Acesso em: 17 de Novembro de 2020.</p>	0. Nemesio, D. M. P. et al. / COCENIA	20.6	W036.0203654936001.4	<p>Fuzzy Control-Based Algorithm for Control System Design for Fuzzy Filter Sensor Station, Chemical Engineering Transactions, 36, 765-768.</p> <p>CHEMICAL ENGINEERING TRANSACTIONS 36 (2018) 765-768</p> <p>DOI: 10.33031/chemengtr.36.765-768</p> <p>URL: https://www.researchgate.net/publication/326190713</p>	Van T. Sun L.	5	0.800	Scopus	not in	2018	1
6	<p>“An Iron Oxide Nanoparticle for the Real-Time Detection and Monitoring of Virus Infection”</p> <p>Remoto 2018, 18(2), 47-50</p> <p>https://doi.org/10.13868/15190171181014710</p>	Paula, Priscilla, et al. / ID: 1051, Nemesio, D. M. P. et al. / ID: 1051, Sampaio, A. C. et al. / ID: 1051, Sampaio, A. C. et al. / ID: 1051	20.6		<p>The detection of a viral infection with a metal-organic framework incorporating a catalytic reaction. Microchim. Acta 2020, 163, 1256.</p> <p>URL: https://doi.org/10.1007/s00033-020-01600-3</p>	<p>“Aptamer-Immobilized Iron Oxide Nanoparticles for the Real-Time Detection of Virus Infection”</p> <p>Journal of Nanoparticles, 2020, 2020, 1-10.</p> <p>URL: https://doi.org/10.1155/2020/2020101</p>	6	0.667	Scopus	not in	2020	1
8	<p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	Blair, J. A., Heng, S., Tan, S. M., Srinivas, C. et al. / ID: 1051	20.5		<p>Advances in biosensor technology. Advances in Clinical Chemistry, available online 30 March 2020</p> <p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p> <p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p> <p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	<p>“Aptamer-Immobilized Iron Oxide Nanoparticles for the Real-Time Detection of Virus Infection”</p> <p>Journal of Nanoparticles, 2020, 2020, 1-10.</p> <p>URL: https://doi.org/10.1155/2020/2020101</p>	5	0.800	Scopus	open 4/1/2020	2020	5
					<p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	<p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	5	0.800	Scopus	ES 1.248	2020	
					<p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	<p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	5	0.800	Scopus	ES journal 2.5	2020	
					<p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	<p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	5	0.800	Scopus	ES 4.7	2020	
					<p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	<p>Electrochemical surface plasmon resonance (SPR) sensor for a possible detection of a viral infection. Biosensors volume 11, 11, 1-11, 2020</p>	5	0.800	Scopus	ES 0.11	2020	
9	<p>Fluorimetric detection of D-dimer in plasma using a novel fluorescent probe. Biosensors volume 11, 11, 1-11, 2020</p>	<p>Verónica, M. C. et al. / ID: 1051, Nemesio, D. M. P. et al. / ID: 1051, Sampaio, A. C. et al. / ID: 1051, Sampaio, A. C. et al. / ID: 1051</p>	20.8	W036.020427121070004	<p>ATPase light emission from a novel co-doped with 1,8-bis(2-methylphenyl)barbituric acid for new optical applications. Sensors International Available online 29 March 2020.</p> <p>URL: https://doi.org/10.1016/j.sintl.2020.03.017</p>	<p>Fluorimetric detection of D-dimer in plasma using a novel fluorescent probe. Biosensors volume 11, 11, 1-11, 2020</p>	5	0.800	Scopus	ES 3.45	2020	1
					<p>ATPase light emission from a novel co-doped with 1,8-bis(2-methylphenyl)barbituric acid for new optical applications. Sensors International Available online 29 March 2020.</p> <p>URL: https://doi.org/10.1016/j.sintl.2020.03.017</p>	<p>Fluorimetric detection of D-dimer in plasma using a novel fluorescent probe. Biosensors volume 11, 11, 1-11, 2020</p>	5	0.800	Scopus	ES 3.45	2020	1
					<p>ATPase light emission from a novel co-doped with 1,8-bis(2-methylphenyl)barbituric acid for new optical applications. Sensors International Available online 29 March 2020.</p> <p>URL: https://doi.org/10.1016/j.sintl.2020.03.017</p>	<p>Fluorimetric detection of D-dimer in plasma using a novel fluorescent probe. Biosensors volume 11, 11, 1-11, 2020</p>	5	0.800	Scopus	ES 3.45	2020	1

10	Optical fiber sensors with chiral scattering fibers 15C118 Proceedings of SPIE - The International Society for Optics and Engineering, 10683, art. no. 106831	Delvaux, F., Frangé, P., Yvelin, ...	2018	Synthesis and characterization of polyimide (PI) fiber-optic coupled with TiO ₂ core and B ₂ O ₃ luminescent optical fiber application, Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 178:1780-1785, doi:10.1016/j.saa.2018.03.043	Miravalles, G., Alonso, C., Soutomayor, M., E. J. Borras, D., Maza, P.	3	1333	Scopus	Q1, Inspec/Deaf	2020	1
11	Characterization of Fiber Optic Sensors for Buffer Systems in SPB sensors based on D-shaped PCF and gold film 1207, Proceedings of SPIE - The International Society for Optics and Engineering, 10123, art. no. 101234F	Cabrera, V., Penabaz, M., De Valde, ..., Galisteo, R., ...	2017	Sensing of U-shaped gold-silver-clad fiber SPR sensor, Journal of Applied Optics, 56(1), 013104, doi:10.1364/JAO/161043	Shin, J., Ng, Y., Wang, Z., Li, C.	8	667	Scopus	AIGerber	2021	1
12	Design of Surface Plasmon Resonance Sensor for Tissue Optical Fiber Assessor 12048, Proceedings Engineering, 348, pp. 882-883	Carrasco, N., Galisteo, R., ...	2016	Temperature based refractive index of tapered photonic crystal fiber based sensor for surface plasmon resonance, Journal of Physics: Conference Series, 1219:012007, doi:10.1088/1742-6596/1219/1/012007	Yildiz, I., Kaya, M., Guler, J., ...	5	800	Scopus		2021	3
				A high performance perovskite optical fiber optic sensor for the detection of temperature, IEEE Sensors, 16:1-4, doi:10.1109/SENS.2016.7797176	Sumra, A.F., Haraoui, C.	5	800	Scopus	Q1, Inspec/Deaf	2021	
				Sensing of U-shaped gold-silver-clad fiber SPR sensor, Journal of Applied Optics, 56(1), 013104, doi:10.1364/JAO/161043	Shin, J., Ng, Y., Wang, Z., Li, C.	5	800	Scopus		2021	
13	Performance comparison of fiber based optical fiber sensor for glucose detection 1203, Sensors, 17(1), 1311, pp. 772-782	Carrasco, N., Galisteo, R., ...	2017	A 3-D shaped fiber-optic long-range surface plasmon resonance sensor with a Q-factor temperature detection capability, IEEE Transactions on Instrumentation and Measurement, 66(1), 187-192, doi:10.1109/TIM.2016.2621297	Wang, Q., Ng, Y., Wang, Z., ...	5	800	Scopus	Q1, Inspec/Deaf	2020	1
				Influence of Cladding Diameter on the Performance of a Fiber Optic SPR Sensor with Au-Cr Coating, Journal of Selected Topics in Quantum Electronics, 23(2):2458796, doi:10.1109/JSTQE.2017.2713244	Tabares, R., Gupta, B. D.	5	1200	Q1	Q1, Inspec/Deaf	2021	

A3.2. Membrii în calitate de redactor sau contribuitori științifici la reviste, organizatori de manifestări științifice, internaționale în domeniul științelor, științelor exacte sau științelor în domeniul științelor exacte III					Perioada	Număr
Nr.	Descriere	Conținut	Perioada	Observații	Perioada	Număr
1	SPC Optics and Photonics, San Diego 2017, Session on Air, Remote Sensing for Agriculture, Bio-sensors and Technology	https://www.spcoptics.com/abstracts/abstracts.asp?session=10	2017	dozida în materie		
2	ICON 2018 - 2018 2018 International Conference on Photonics and Optical Systems, Bucharest, Romania	https://www.ICON2018.com/abstracts/abstracts.asp?session=10	2018	dozida în materie		
3	Springer Nature - Optical and Quantum Electronics, Editorial Board	https://www.springer.com/journal/13802	2018-2020	dozida în materie		
4	Photonic Journal, IOP, Scientific Board	https://www.photonicjournal.com/	2018-2020	dozida în materie		
5	Biosensors Journal, Topic Editors	https://www.biosensorsjournal.com/	2020-2022	dozida în materie		

A3.3. Membrii în calitate de redactor sau contribuitori științifici la reviste, organizatori de manifestări științifice, internaționale în domeniul științelor, științelor exacte sau științelor în domeniul științelor exacte III					Perioada	Număr
Nr.	Descriere	Conținut	Perioada	Observații	Perioada	Număr
1	IEEE IOTC - International Instrumentation and Measurement Technology Conference, scientific committee (TQC technical program committee)	http://www.ietm.com/	2018	dozida în materie		

2	ICTON 2019 - 22th 20th International Conference on Transparent Optical Networks (ICTON 2019), 7-13 July 2019, Angers, France	http://www.icton-conference.com/2019/program.html	https://doi.org/10.1364/ICTON.2019	2019	este în IEEE	în 4 (fca rebrata 10)
3	ICTON 2020 - 21th International Conference on Transparent Optical Networks (ICTON 2020), 7-13 July 2020, Bari, Italy (Online)	https://www.icton-conference.com/2020/	https://doi.org/10.1364/ICTON.2020	2020	este în IEEE	în 4 (fca rebrata 10)

Anexa 1 - Premiile în domeniul conferințelor de Academiile Române, ASEE, ACSR, premiile internaționale de prestigiu					Punctaj 50	Numar 2
Nr.	Descriere	Echivalență		An		
1	Salonul Internațional de Inventivitate "TRAIAN VILCEA" Timisoara, 11-14 Iunie 2019, România - Diploma and the Silver Medal - Feragi Paul, Ghilbuș Remona-Viorica, Grosu Robert-Gheorghe, Săbău Anida-Maria, Feurdean Nicoleta-Claudia, Petrescu Bianca-Nausica, Boica Adina-Bianca, Ilea Anamaria. Salvează optica/senzor implementat prin cuplarea laterală a unei fibre optice emițătoare și a unei fibre optice fluorescente într-un dispozitiv intra-ocular.	https://www.icton-conference.com/2019/	https://doi.org/10.1364/ICTON.2019	2019		
2	The XXIII International Exhibition of Invention „Inventivitate 2019” - 16-28 June 2019, IAI Romania - Diploma of Excellence and Medal Inventivitate 2019 - Feragi Paul, Ghilbuș Remona-Viorica, Grosu Robert-Gheorghe, Săbău Anida-Maria, Feurdean Nicoleta-Claudia, Petrescu Bianca-Nausica, Boica Adina-Bianca, Ilea Anamaria. Salvează optica/senzor implementat prin cuplarea laterală a unei fibre optice emițătoare și a unei fibre optice fluorescente într-un dispozitiv intra-ocular.	https://www.icton-conference.com/2019/	https://doi.org/10.1364/ICTON.2019	2019		