

UNIVERSITATEA POLITEHNICA DIN BUCURESTI
FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR
PENTRU ACORDAREA ATESTATULUI DE ABILITARE

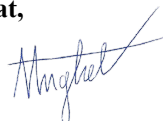
CANDIDAT: Conf. dr. ing. Andrei ANGHEL

Depart. de Telecomunicații, Fac. de Electronică, Telecomunicații și Tehnologia Informației - UPB

Condiții	Îndeplinire condiții	
A. Doctor	-Diploma de Doctor în domeniul Inginerie electronică și telecomunicații, din 28.10.2015, emisă de Universitatea POLITEHNICA din București. -Diploma de Doctor în domeniul „Signal, Image, Parole, Telecoms” din 08.06.2016, emisa de Universitatea Grenoble Alpes.	
B. Îndeplinirea standardelor minime naționale conform OMENCS Nr. 6129 / 20.12.2016 [MO, I, 123 / 15.02.2017]	Standarde indeplinite, conform Comisiei CNATDCU Nr. 11, Electronică, Telecomunicații și Nanotehnologie. Anexată: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate:	
Condiții minimele [Punctaj]	Minim prevăzut	Realizat
A1. Activitatea didactică și profesională	100	103.333
A2. Activitatea de cercetare	600	719.883
A3. Recunoașterea și impactul activității	150	237.067
TOTAL (A)	850	1060.283
Condiții minimele obligatorii pe subcategorii [Număr]	Minim prevăzut	Realizat
A.1.1.1-A1.1.2 Cărți de specialitate	1	2 cărți + 2 capitole
A2.1 Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings	15	39
din care în reviste cotate ISI Q1 sau Q2	3	10
A2.4.1 Granturi/proiecte câștigate prin competiție (Director / Responsabil partener)	2	2
A3.1.1 Numar de citări în cărți, reviste cotate ISI și în volume ale unor manifestări științifice ISI (WOS)	25	78
Factor de impact ISI cumulat pentru publicatii	10	57.287
C. Atestarea studiilor și a altor realizari profesionale	Diploma de Licenta , în domeniul Inginerie electronică și telecomunicații, Nr. 2081 din 19.07.2010 emisă de Universitatea POLITEHNICA din București. Diplomă de Master , în domeniul Inginerie electronică și telecomunicații, programul de studii Circuite și sisteme integrate de comunicații, Nr. 3596 din 22.10.2012 emisă de Universitatea POLITEHNICA din București.	
Standarde suplimentare UPB	Îndeplinire standarde suplimentare UPB	
Definirea unui domeniu științific propriu în care a obținut rezultate recunoscute și dovedite de lucrările științifice publicate, relevante pentru domeniul studiilor doctorale pentru care se solicită abilitarea și de citările acestor lucrări.	Domeniu propriu: Sisteme radar Marea majoritate a lucrărilor științifice publicate au în vedere sisteme radar și se referă la dezvoltarea de platforme hardware și/sau algoritmi de prelucrare a semnalelor (elemente specifice domeniului de abilitare Inginerie Electronică, Telecomunicații și Tehnologii Informaționale).	
Dovada participării în comisiile de îndrumare pentru cel puțin 3 doctoranzi și/sau în cel puțin 3 comisii pentru susținerea tezelor de doctorat.	Membru în comisia de îndrumare a 8 doctoranzi (în cadrul Școlii Doctorale de Electronică, Telecomunicații și Tehnologia Informației).	
Participarea la construcția unei echipe și/sau unui laborator	Am participat la formarea echipelor ce activează în domeniul sistemelor radar din cadrul Departamentului de Telecomunicații și a Centrului de Cercetare pentru Informații Spațiale. Am contribuit la dotarea laboratorului didactic aferent disciplinei Radar.	
Asumarea obligației de înscriere a apartenenței la UPB pe toate lucrările publicate ulterior obținerii calității de conducător de doctorat, cu raportare anuală în Fișa de evaluare	Îmi asum obligația de înscriere a apartenenței la UPB pe toate lucrările publicate ulterior obținerii calității de conducător de doctorat, cu raportare anuală în Fișa de evaluare, atunci când sunt realizate în UPB.	
Asumarea obligației de a crește numărul de lucrări reprezentative publicate în revistele/volumele conferințelor indexate în baze de date, cu un număr de minimum 3 lucrări/an, cu raportare în Fișa de evaluare	Îmi asum obligația de a crește numărul de lucrări reprezentative publicate în revistele/volumele conferințelor indexate în baze de date, cu un număr de minim 3 lucrări/an, cu raportare în Fișa de autoevaluare.	

Subsemnatul **Andrei ANGHEL**, candidat la concursul pentru acordarea atestatului de abilitare în domeniul fundamental *Științe Inginerești*, domeniul de doctorat *Inginerie Electronică, Telecomunicații și Tehnologii Informaționale*, arondat Comisiei de Specialitate CNATDCU [OMECTS 4106/10.06.2016] Nr. 11, Electronică, Telecomunicații și Nanotehnologie, declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, ca sunt îndeplinite toate Standardele minime prevăzute de Metodologia UPB 2018 pentru înscrierea la concurs, în momentul înscrierii la concurs, și susțin veridicitatea informațiilor prezentate în dosar și în materialul de mai sus. Lucrările considerate a fi incluse în Baza ISI Thomson Reuters Web of Science sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la această dată.

Candidat,



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Data

27.05.2020

IN CONTINUARE: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate

Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului

Prof. Anghel Andrei

Departamentul Telecomunicații
Facultatea de Electronica, Telecomunicații și Tehnologia Informației
Comisia Electronica, Telecomunicații și Nanotehnologie (Anexa nr. 11)

27 mai 2020

CENTRALIZATOR

Condiții minime pentru profesor la Comisia de Electronica, Telecomunicații și Nanotehnologie (Anexa nr. 11)	Val. Min.	Obținut
A1 Activitate didactică / profesională	100	103.333
A2 Activitatea de cercetare	600	719.883
A3 Recunoașterea impactului activității	150	237.067
INDICATORUL DE MERIT (A = A1 + A2 + A3)	850	1060.283
A1.1.1-A1.1.2 Cărți de specialitate	1	4
A2.1 Articole în reviste cotate ISI și în volumele unor manifestări științifice indexate ISI proceedings din care în reviste cotate ISI Q1 sau Q2 [10]	15	39
A2.4.1 Granturi/proiecte câștigate prin competiție (Director / Responsabil partener)	3	10
A3.1.1 Numar de citări în cărți, reviste cotate ISI și în volume ale unor manifestări științifice ISI (WOS) [11]	2	2
Factor de impact ISI cumulat pentru publicații [12]	25	78
	10	57.287

PREZENTARE DETALIATA

Nr.crt.	A1 - Activitate didactică și profesională				Punctaj
		Tip [1]	Nr. Autori	>50 biblioteci străine conform WorldCat [2]	
	A1.1.1 Cărți de autor sau capitole [1] de specialitate în edituri cu ISBN (Cărți / monografii) - internaționale				
1	A. Anghel, G. Vasile, R. Căcoveanu, Infrastructure Monitoring with Spaceborne SAR Sensors, Springer, 2017, ISBN: 978-981-10-3216-5, 79 pagini, disponibilă în peste 150 biblioteci conform WorldCat. https://www.worldcat.org/title/infrastructure-monitoring-with-spaceborne-sar-sensors/oclc/976166555&referer=brief_results	Carte	3	Da	33.333
2	A. Anghel, Compressive Sensing in Microwave Imaging: Synthetic and Metamaterial Apertures, capitol publicat în cartea „Compressive sensing - Methods and Applications”, editor: Raymond Mathews, Nova Science Publishers, 2020, ISBN: 978-1-53617-560-8. Cartea are 109 pagini, iar capitolul menționat se află la pag. 25-59. https://novapublishers.com/shop/compressive-sensing-methods-and-applications/	Capitol	1	Nu	12.500
3	A. Anghel, Azimuth in Synthetic Aperture Radars, capitol publicat în cartea „Advances in Engineering Research. Volume 35”, editor: Victoria M. Petrova, Nova Science Publishers, 2020, eBook ISBN: 978-1-53617-852-4, Hardcover ISBN: 978-1-53617-851-7. Cartea are 214 pagini, iar capitolul menționat se află la pag. 169-192. https://novapublishers.com/shop/advances-in-engineering-research-volume-35/ ... Includeți ISBN:	Capitol	1	Nu	12.500
	A1.1.2 Cărți de autor sau capitole de specialitate în edituri cu ISBN (Cărți / monografii) - naționale				0.000
1	A. Anghel, R. Căcoveanu, RADAR - Teorie și principii, MatrixRom, Cod CNCIS 39, 140 pagini, 2018, ISBN: 978-606-25-0437-3. https://www.matrixrom.ro/produs/radar-teorie-si-principii/ ... Includeți editura cu Cod CNCIS	Carte	2		25.000
	A1.2.1 Material didactic / Lucrări didactice publicate în edituri cu ISBN (Manuale didactice)				0.000
1	A. Anghel, R. Căcoveanu, Microunde - Noțiuni fundamentale, MatrixRom, Cod CNCIS 39, 144 pagini, 2020, ISBN: 978-606-25-0554-7. https://www.matrixrom.ro/produs/microunde-notiuni-fundamentale/ ... Includeți editura cu Cod CNCIS	Carte	2		20.000
	Total A1				103.333

Nr.crt.	A2 - Activitatea de cercetare	Punctaj			
		Baza de date [4]	Nr. Autori	Factor impact [3] (conf. Top [10])	
	A2.1 Articole în reviste cotate ISI, și lucrări în volumele unor manifestări științifice indexate ISI				
1	A. Anghel, R. Cacoveanu, A. Moldovan, B. Rommen and M. Datcu, "COBIS: Opportunistic C-Band Bistatic SAR Differential Interferometry," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 12, no. 10, pp. 3980-3998, Oct. 2019. doi: 10.1109/JSTARS.2019.2939194. ISSN: 1939-1404, WOS:000503182000024. Factor de impact: 3.392 (2018) - Categoria Q2 - Remote Sensing	ISI-Q2	5	3.392	25.352
2	A. Anghel, R. Cacoveanu, B. Rommen and M. Datcu, "Multi-Aperture Focusing in Spaceborne Transmitter-Stationary Receiver Bistatic SAR," IGARSS 2019 - 2019 IEEE International Geoscience and Remote Sensing Symposium, Yokohama, Japan, 2019, pp. 1120-1123, doi: 10.1109/IGARSS.2019.8900142. Accession Number: WOS:000519270601098, ISSN: 2153-6996, https://ieeexplore.ieee.org/abstract/document/8900142	ISI	4	0.250	8.125
3	M. Ciuca, A. Anghel, R. Cacoveanu, B. Rommen and M. Datcu, "A Radargrammetric Approach for Spaceborne Transmitter-Stationary Receiver Bistatic Sar," IGARSS 2019 - 2019 IEEE International Geoscience and Remote Sensing Symposium, Yokohama, Japan, 2019, pp. 3511-3514, doi: 10.1109/IGARSS.2019.8898191. Accession Number: WOS:000519270603125, ISSN: 2153-6996, https://ieeexplore.ieee.org/abstract/document/8898191	ISI	5	0.250	6.500
4	F. Rosu, A. Anghel and S. Ciocina, "Sub-Resolution Multipath Mitigation in Radar Transponders by Range Compression and Adaptive Filtering," 2019 International Symposium on Signals, Circuits and Systems (ISSCS), Iasi, Romania, 2019, pp. 1-4, doi: 10.1109/ISSCS.2019.8801726. Accession Number: WOS:000503459500001, https://ieeexplore.ieee.org/document/8801726	ISI	3	0.250	10.833
5	A. Anghel, M. Tudose, R. Cacoveanu, M. Datcu, G. Nico, O. Masci, A. Dongyang, W. Tian, C. Hu, Z. Ding, H. Nies, O. Loffeld, D. Atencia, S.G. Huaman, A. Medella, J. Moreira, "Compact Ground-Based Interferometric Synthetic Aperture Radar: Short-Range Structural Monitoring," in IEEE Signal Processing Magazine, vol. 36, no. 4, pp. 42-52, July 2019. doi: 10.1109/MSP.2019.2894987. ISSN: 1053-5888. WOS:000473483100008. Factor de impact: 7.602 la data depunerii dosarului - Categoria Q1 - Engineering, Electrical and Electronic	ISI-Q1	16	7.602	15.816
6	M. Coca, A. Anghel and M. Datcu, "Unbiased Seamless SAR Image Change Detection Based on Normalized Compression Distance," in IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, vol. 12, no. 7, pp. 2088-2096, July 2019. doi: 10.1109/JSTARS.2019.2909143. Accession Number: WOS:000480354800009. ISSN: 1939-1404. Factor de impact 3.392 la data depunerii dosarului. Q2 la categoria Remote Sensing. https://ieeexplore.ieee.org/document/8723162	ISI-Q2	3	3.392	42.253
7	M. Tudose, A. Anghel, R. Cacoveanu, M. Datcu, Pulse Radar with Field-Programmable Gate Array Range Compression for Real Time Displacement and Vibration Monitoring, Sensors, Vol. 19, Iss. 1, Article number 82, Jan. 2019, 16 pagini. [Accession Number WOS:000458574600082, DOI: 10.3390/s19010082, ISSN: 1424-8220], Factor de impact 3.031 la data depunerii dosarului. Q1 la categoria Instruments & Instrumentation. https://www.mdpi.com/1424-8220/19/1/82	ISI-Q1	4	3.031	28.983
8	A. Anghel, R. Cacoveanu, M. Datcu, Repeat-Pass Spaceborne Transmitter-Stationary Receiver Bistatic SAR Interferometry - First Results, Proceedings IGARSS 2018, Valencia, Spain, July 2018, pp. 3651-3654, Accession Number: WOS:000451039803158, ISSN: 2153-6996, DOI: 10.1109/IGARSS.2018.8517288. https://ieeexplore.ieee.org/document/8517288	ISI	3	0.250	10.833
9	M. Coca, A. Anghel, M. Datcu, Normalized Compression Distance for SAR Image Change Detection, Proceedings IGARSS 2018, Valencia, Spain, July 2018, pp. 5784-5787, Accession Number: WOS:000451039805154, ISSN: 2153-6996, DOI: 10.1109/IGARSS.2018.8518126. https://ieeexplore.ieee.org/document/8518126	ISI	3	0.250	10.833
10	M. Tudose, A. Anghel, R. Cacoveanu, M. Datcu, Electronic Target for Ground Based SAR Displacement Measurements, Proceedings COMM2018, Bucharest, Romania, June 2018, pp. 247-250, WOS:000449526000046, ISSN: 1550-3607, DOI: 10.1109/ICComm.2018.8484748. https://ieeexplore.ieee.org/document/8484748	ISI	4	0.250	8.125
11	F. Rosu, A. Anghel, Low-cost S-band FMCW radar-based Short-Range Displacement Sensor, Proceedings COMM2018, Bucharest, Romania, June 2018, pp. 251-256, Accession Number: WOS:000449526000047, ISSN: 1550-3607, DOI: 10.1109/ICComm.2018.8484782. https://ieeexplore.ieee.org/document/8484782	ISI	2	0.250	16.250
12	A. Anghel, R. Cacoveanu and M. Datcu, "Phase sensitivity analysis of spaceborne transmitter — Stationary ground-based receiver bistatic sar interferometry with one imaging channel," 2017 IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Fort Worth, TX, 2017, pp. 1051-1054. doi: 10.1109/IGARSS.2017.8127136. WOS:000426954601052. https://ieeexplore.ieee.org/document/8127136	ISI	3	0.250	10.833
13	O. M. Moaca, A. Anghel and M. Datcu, "Investigation of displacement measurements performed with a ground-based fixed receiver bistatic SAR simulator," 2017 IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Fort Worth, TX, 2017, pp. 3814-3817. doi: 10.1109/IGARSS.2017.8127831, WOS:000426954603228. https://ieeexplore.ieee.org/document/8127831	ISI	3	0.250	10.833
14	A. Anghel, R. Cacoveanu, A. S. Moldovan, C. Savlovski, B. Rommen and M. Datcu, "Bistatic SAR imaging with Sentinel-1 operating in TOPSAR mode," 2017 IEEE Radar Conference (RadarConf), Seattle, WA, USA, 2017, pp. 0601-0605, doi: 10.1109/RADAR.2017.7944274, WOS:000405307600115. https://ieeexplore.ieee.org/document/7944274	ISI	6	0.250	5.417
15	M. Tudose, A. Anghel, R. Cacoveanu, M. Datcu, On the beat signal synchronisation of interferometric FMCW radars, IET Radar, Sonar and Navigation, Aug. 2017, Vol. 11 Iss.: 8, pp. 1181-1187, doi: 10.1049/iet-rsn.2016.0544, WOS:000406141800001, ISSN: 1751-8784, Factor de impact 2.015 la data depunerii dosarului. Q3 la categoria Telecommunications. https://ieeexplore.ieee.org/document/7987858	ISI	4	2.015	21.363
16	S. Ciocina, C. Paleologu, J. Benesty, S. L. Grant and A. Anghel, "A family of optimized LMS-based algorithms for system identification," 2016 24th European Signal Processing Conference (EUSIPCO), Budapest, 2016, pp. 1803-1807. doi: 10.1109/EUSIPCO.2016.7760559, WOS:000391891900343. https://ieeexplore.ieee.org/document/7760559	ISI	5	0.250	6.500
17	O. Moacă, A. Popescu, A. Anghel, M. Datcu, A bistatic SAR simulator for ground-based fixed-receiver geometry, Proceedings IGARSS, July 2016, Beijing, China, pp. 6098-6101, doi: 10.1109/IGARSS.2016.7730593, WOS:000388114605257. https://ieeexplore.ieee.org/document/7730593	ISI	4	0.250	8.125
18	A. Anghel, R. Cacoveanu, A.-S. Moldovan, A. Popescu, M. Datcu, F. Serban, Simplified Bistatic SAR imaging with a fixed receiver and TerraSAR-X as transmitter of opportunity - First results, Proceedings IGARSS, July 2016, Beijing, China, pp. 2094-2097. [ISI Proceedings, doi: 10.1109/IGARSS.2016.7729540, WOS:000388114602053]. https://ieeexplore.ieee.org/document/7729540	ISI	6	0.250	5.417
19	L. Pralon, G. Vasile, M. Dalla Mura, A. Anghel, J. Chanussot, Spherical Symmetry of Complex Stochastic Models in Multivariate High-Resolution PolSAR Images, IEEE Transactions on Geoscience and Remote Sensing, vol. 54, No. 7, pp. 4250-4261, July 2016. Baza ISI Thomson Reuters Web of Science [doi: 10.1109/TGRS.2016.2538820, WOS:000377478400041], Factor de impact 5.63 la data depunerii dosarului. Q1 la categoria Remote Sensing. https://ieeexplore.ieee.org/document/7460171	ISI-Q1	5	5.630	38.780
20	A. Anghel, R. Cacoveanu, A. Popescu, A.-S. Moldovan, Dual-band BISTATIC SAR System with Satellite Emitter of Opportunity and Ground-based Receiver, COMMS 2016, June 2016, Bucharest, Romania, pp. 473-476. Baza ISI Thomson Reuters Web of Science [doi: 10.1109/ICComm.2016.7528268, Accession Number WOS: 000383221900096]. https://ieeexplore.ieee.org/document/7528268	ISI	4	0.250	8.125
21	A. Anghel, G. Vasile, C. Ioana, R. Cacoveanu, S. Ciocina, Micro-Doppler Reconstruction in Spaceborne SAR images using Azimuth Time-Frequency Tracking of the Phase History, IEEE Geoscience and Remote Sensing Letters, vol. 13, No. 4, pp. 604-608, April 2016. Baza ISI Thomson Reuters Web of Science [doi: 10.1109/LGRS.2016.2530817, Accession Number WOS: 000373009800027, ISSN: 1545-598X], Factor de impact 3.534 la data depunerii dosarului. Q1 la categoria IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY. https://ieeexplore.ieee.org/document/7426774	ISI-Q1	5	3.534	26.204
22	A. Anghel, G. Vasile, C. Ioana, R. Cacoveanu, S. Ciocina, On the detection of non-stationary signals in the matched signal transform domain, Proceedings ICASSP 2016, Shanghai, China, March 2016, pp. 4204-4208 [ISI Proceedings, doi: 10.1109/ICASSP.2016.7472469, WOS:000388373404070, ISSN 1520-6149]. https://ieeexplore.ieee.org/document/7472469	ISI	5	0.250	6.500

23	A. Anghel, G. Vasile, R. Boudon, G. d'Urso, A. Girard, D. Boldo, V. Bost, Combining spaceborne SAR images with 3D point clouds for infrastructure monitoring applications, ISPRS Journal of Photogrammetry and Remote Sensing, vol. 111, pp. 45-61, Jan. 2016. Baza ISI Thomson Reuters Web of Science [Accession number WOS:000369194800005, ISSN 0924-2716], https://doi.org/10.1016/j.isprsjprs.2015.11.008 , Factor de impact 6.942 la data depunerii dosarului. Q1 la categoria Remote Sensing. https://www.sciencedirect.com/science/article/abs/pii/S0924271615002580	ISI-Q1	7	6.942	33.323
24	I. Murgan, I. Candel, C. Ioana, A. Digulescu, F. Bunea, G.D. Ciocan, A. Anghel, G. Vasile, Flow velocity profiling using acoustic time of flight flow metering based on wide band signals and adaptive beam-forming techniques, IOP Conference Series: Earth and Environmental Science, vol. 49, 062003, 2016, 7 pagini, doi: 10.1088/1755-1315/49/6/062003, WOS:000400156200062. https://iopscience.iop.org/article/10.1088/1755-1315/49/6/062003 .	ISI	8	0.250	4.063
25	I. Murgan, C. Ioana, I. Candel, A. Anghel, J.L. Ballester, B. Reeb, G. Combes, (A new time of flight) Acoustic flow meter using wide band signals and adaptive beamforming techniques, IOP Conference Series: Earth and Environmental Science, vol. 49, 062002, 2016, 9 pagini, doi: 10.1088/1755-1315/49/6/062002, WOS:000400156200061. https://iopscience.iop.org/article/10.1088/1755-1315/49/6/062002	ISI	7	0.250	4.643
26	A. Anghel, G. Vasile, R. Cacoveanu, C. Ioana, S. Ciocina, J.-P. Ovarlez, Scattering Centers Detection and Tracking in Refocused Spaceborne SAR Images for Infrastructure Monitoring, IEEE Transactions on Geoscience and Remote Sensing, vol.53, no.8, pp. 4379-4393, Aug. 2015. Baza ISI Thomson Reuters Web of Science [doi: 10.1109/TGRS.2015.2396773, Accession Number WOS: 000351763800020, ISSN 0196-2892]. Factor de impact 5.63 la data depunerii dosarului. Q1 la categoria Remote Sensing. https://ieeexplore.ieee.org/document/7046372	ISI-Q1	6	5.630	32.317
27	L. Pralon, G. Vasile, A. Anghel, N. Besic, On the robustness of the ICA based ICTD with respect to the circularity and the spherical symmetry of the POLSAR data, Proceedings IGARSS 2015 (invited session), Milan, Italy, July 2015, pp. 1570-1573. [ISI Proceedings, doi: 10.1109/IGARSS.2015.7326082, Accession Number WOS:000371696701173, ISSN 2153-6996]. https://ieeexplore.ieee.org/document/7326082	ISI	4	0.250	8.125
28	A. Anghel, G. Vasile, C. Ioana, R. Cacoveanu, S. Ciocina, Vibration Estimation in SAR images using azimuth time-frequency tracking and a matched signal transform, Proceedings IGARSS 2015 Milan, Italy, July 2015, pp. 2576-2579. [ISI Proceedings, doi: 10.1109/IGARSS.2015.7326338, Accession Number WOS:000371696702170, ISSN 2153-6996]. https://ieeexplore.ieee.org/document/7326338	ISI	5	0.250	6.500
29	A. Anghel, G. Vasile, R. Cacoveanu, C. Ioana, S. Ciocina, Range Autofocusing for FMCW Radars using Time Warping and a Spectral Concentration Measure, Proceedings IEEE International Radar Conference, Arlington, VA, USA, May 2015, pp. 581-586. [ISI Proceedings, doi: 10.1109/RADAR.2015.7131065, Accession Number WOS:000370972900106, ISSN 1097-5764]. https://ieeexplore.ieee.org/document/7131065	ISI	5	0.250	6.500
30	Șt.-A. Toma, A.-S. Moldovan, V.I. Poncos, A. Anghel, D.C. Teleagă, F. Șerban, First Results with a C-band Ground Based Synthetic Aperture Radar, 7th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 25-27 June 2015, Bucharest, Romania, pp. P-19-P-22. [ISI Proceedings, doi: 10.1109/ECAI.2015.7301244, Accession Number WOS:000370971100109, ISSN 2378-7147]. https://ieeexplore.ieee.org/document/7301244	ISI	6	0.250	5.417
31	A. Anghel, G. Vasile, C. Ioana, R. Cacoveanu, S. Ciocina, Model-based parameters estimation of non-stationary signals using time warping and a measure of spectral concentration, Proceedings ICASSP 2015, Brisbane, Australia, April 2015, pp. 3706-3710. [doi: 10.1109/ICASSP.2015.7178663, WOS:000427402903164]. https://ieeexplore.ieee.org/document/7178663	ISI	5	0.250	6.500
32	A. Anghel, G. Vasile, R. Cacoveanu, C. Ioana, S. Ciocina, Short-Range Wideband FMCW Radar for Millimetric Displacement Measurements, IEEE Transactions on Geoscience and Remote Sensing, vol.52, no.9, pp. 5633-5642, Sept. 2014. Baza ISI Thomson Reuters Web of Science [doi: 10.1109/TGRS.2013.2291573, Accession Number WOS: 000337171900032, ISSN 0196-2892]. Factor de impact 5.63 la data depunerii dosarului. Q1 la categoria Remote Sensing. https://ieeexplore.ieee.org/document/6716996	ISI-Q1	5	5.630	38.780
33	N. Besic, G. Vasile, A. Anghel, T.-I. Petrut, C. Ioana, S. Stankovic, A. Girard, Zernike ultrasonic tomography for fluid velocity imaging based on pipeline intrusive time-of-flight measurements, IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, vol. 61, no. 11, pp. 1846-1855, 2014. Baza ISI Thomson Reuters Web of Science [doi: 10.1109/TUFFC.2014.006515, Accession Number WOS: 000345085700008, ISSN 0885-3010]. Factor de impact 2.989 la data depunerii dosarului. Q1 la categoria Acoustics. https://ieeexplore.ieee.org/document/6945634	ISI-Q1	7	2.989	16.381
34	A. Anghel, G. Vasile, R. Cacoveanu, C. Ioana, S. Ciocina, J.-P. Ovarlez, R. Boudon, G. d'Urso, I. Hajnsek, Scattering Centers Monitoring in Refocused SAR Images on a High-Resolution DEM, Proceedings IGARSS 2014, Quebec City, Canada, July 2014, pp. 1883-1886. Baza ISI Thomson Reuters Web of Science [ISI Proceedings, doi: 10.1109/IGARSS.2014.6946824, Accession Number WOS: 000349688102153, ISSN 2153-6996]. https://ieeexplore.ieee.org/document/6946824	ISI	9	0.250	3.611
35	A. Anghel, G. Vasile, R. Cacoveanu, C. Ioana, S. Ciocina, J.-P. Ovarlez, R. Boudon, G. d'Urso, SAR Images Refocusing and Scattering Center Detection for Infrastructure Monitoring, Proceedings IEEE Radar Conference 2014, Cincinnati, USA, May 2014, pp. 334-339. Baza ISI Thomson Reuters Web of Science [ISI Proceedings, doi: 10.1109/RADAR.2014.6875610, Accession Number WOS: 000346494600067, ISSN 1097-5764]. https://ieeexplore.ieee.org/document/6875610	ISI	8	0.250	4.063
36	A. Anghel, G. Vasile, R. Cacoveanu, C. Ioana, S. Ciocina, Nonlinearity Correction Algorithm for Wideband FMCW RADARS, Proceedings 21st European Signal Processing Conference (EUSIPCO), Marrakech, Morocco, September 2013, 5 pagini. Baza ISI Thomson Reuters Web of Science [ISI Proceedings, Accession Number WOS: 000341754500069]. https://ieeexplore.ieee.org/document/6811456	ISI	5	0.250	6.500
37	A. Anghel, G. Vasile, R. Cacoveanu, C. Ioana, S. Ciocina, Short-range FMCW X-band RADAR platform for millimetric displacements measurement, Proceedings IGARSS 2013, Melbourne, Australia, July 2013, pp. 1111-1114. Baza ISI Thomson Reuters Web of Science [ISI Proceedings, doi: 10.1109/IGARSS.2013.6721359, Accession Number WOS: 000345638901060, ISSN 2153-6996]. https://ieeexplore.ieee.org/document/6721359	ISI	5	0.250	6.500
38	G. Vasile, N. Besic, A. Anghel, C. Ioana, J. Chanussot, Sphericity of complex stochastic models in multivariate SAR images, Proceedings IGARSS 2013, Melbourne, Australia, July 2013, pp. 2994-2997. Baza ISI Thomson Reuters Web of Science [ISI Proceedings, doi: 10.1109/IGARSS.2013.6723455, Accession Number WOS: 000345638903016, ISSN 2153-6996]. https://ieeexplore.ieee.org/document/6723455	ISI	5	0.250	6.500
39	A. Anghel, G. Vasile, R. Cacoveanu, C. Ioana, S. Ciocina, FMCW Transceiver Wideband Sweep Nonlinearity Software Correction, Proceedings IEEE Radar Conference 2013, Ottawa, Ontario, Canada, May 2013, pp. 1-5. Baza ISI Thomson Reuters Web of Science [ISI Proceedings, 10.1109/RADAR.2013.6586032, Accession Number WOS: 000332480800069, ISSN 1097-5764]. https://ieeexplore.ieee.org/document/6586032	ISI	5	0.250	6.500
	... Includeți WOS: și DOI:			0.000	0.000
A2.2 Articole în reviste, și în volumele unor manifestari stiintifice indcate în alte baze de date internationale recunoscute (BDI) [4]		Baza de date [4]	Nr. Autori		
1	I. Voicu, S. Ciocina and A. Anghel, "A Method for Improving the Accuracy of Direction of Arrival Measurement based on Sparse Vector Estimation," 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), Pitesti, Romania, 2019, pp. 1-6, doi: 10.1109/ECAI46879.2019.9042163. https://ieeexplore.ieee.org/document/9042163	IEEE Explore	3		6.667
2	N. Druml, O. Veleďar, G. Macher, G. Stettinger, S. Selim, J. Reckenzaun, S.E. Diaz, M. Marcano, J. Villagra, R. Beekelaar, J. Jany-Luig, M. M. Corredoira, P. Burgio, C. Ballato, B. Debaille, L. v. Meurs, A. Terechko, F. Tango, A. Ryabokon, A. Anghel, O. Icoşlu, S. S. Kumar, G. Dimitrakopoulos, "PRYSTINE - Technical Progress After Year 1," 2019 22nd Euromicro Conference on Digital System Design (DSD), Kallithea, Greece, 2019, pp. 389-398, doi: 10.1109/DSD.2019.00063.	IEEE Explore	23		0.870
3	E. Dobre, A. Anghel, Compressive Sensing for Spaceborne Transmitter - Stationary Receiver Bistatic SAR Imaging, Proceedings of European Conference on Synthetic Aperture Radar (EUSAR), Aachen, Germany, June 2018, 6 pagini. https://ieeexplore.ieee.org/document/8438255	IEEE Explore	2		10.000
4	M. Tudose, A. Anghel, R. Cacoveanu, M. Datcu, Electronic target for bistatic/monostatic SAR systems, Proceedings of European Conference on Synthetic Aperture Radar (EUSAR), Aachen, Germany, June 2018, 5 pagini. https://ieeexplore.ieee.org/document/8438124	IEEE Explore	4		5.000
5	A. Anghel, G. Vasile, J.-P. Ovarlez, G. d'Urso, D. Boldo, Stable scatterers detection and tracking in heterogeneous clutter by repeat-pass SAR Interferometry, Proceedings EuSAR'12, 24-26 April 2012, Nuremberg, Germany, pp. 477-480. [IEEE Xplore Digital Library, Print ISBN: 978-3-8007-3404-7]. https://ieeexplore.ieee.org/abstract/document/6217109	IEEE Explore	5		4.000

6	A. Anghel and R. Cacoveanu, A new microstrip composite right/left-handed transmission line implementation, Polytechnical University of Bucharest Scientific Bulletin, Series C, vol. 73, iss. 4, pp. 141-150, 2011, ISSN (print) 2286-3540. [Revistă recunoscută CNCISIS, categoria B+] https://www.scientificbulletin.upb.ro/rev_docs_arhiva/full13094.pdf	Scopus	2		10.000
7	A. Anghel, R. Cacoveanu, Improved composite right/left-handed cell for leaky-wave antenna, Progress In Electromagnetics Research Letters, vol. 22, pp. 59-69, 2011. [Indexat în BDI: Scopus, Compendex, ISSN: 1937-6480]. http://www.jpier.org/PIERL/pierl22/07.10101807.pdf	Scopus	2		10.000
	... includeți DOI: dacă există				0.000
1	A2.3.1 Proprietate intelectuală, brevete de invenție, certificate ORDA - internaționale [5]	Înregistrat la [5]:	Nr. Autori	Factor impact [12]	
	... includeți WOS: dacă există			0.000	0.000
	A2.3.2 Proprietate intelectuală, brevete de invenție, certificate ORDA - naționale (OSIM)	Înregistrat la [5]:	Nr. Autori	Factor impact [12]	
1	A.-S. Moldovan, F. Șerban, I.-V. Poncos, A.-Ș. Toma, C.D. Teleagă, A. Anghel, R. Cacoveanu, A. Stan, Brevet de Invenție, Radar Monostatic Interferometric Digital cu Compresie a Impulsului și Apertură Sintetică In-SAR, cu Aplicabilitate în Monitorizarea Deplasărilor Sub-milimetrice ale Structurilor Masiveși Alunecărilor de Teren, Nr. 130942, cu începere la data de 04/05/2015. Data eliberării: 30.05.2018. http://pub.osim.ro/publication-server/pdf-document?PN=RO130942%20RO%20130942&iDocId=10751&iepatch=.pdf		8	0.500	3.125
	... includeți WOS: dacă există			0.000	0.000
	A2.4.1.1 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați [6] (Director / responsabil partener) - internaționale	[6]	Nr.ani		
1	Single-pass bistatic SAR tomography (TomoSAR-1B), Competiția "ESA AO 1-8856/16/NL/CBi , Call for Outline Proposals under the Romanian Industry Incentive Scheme", 2 parteneri: EOS Electronic Systems și UPB. Contractor principal: EOS Electronic Systems, Director de proiect: Remus Cacoveanu, UPB are rol de subcontractor; responsabil de proiect din partea UPB: Andrei Anghel. Perioada de desfășurare 2018-2020 (dată de început: 5 Iulie 2018), Valoare totală aferentă UPB: 50673 EUR, Contract nr. 15 / 11.07.2018 (Înregistrat la Centrul de Cercetări pentru Informație Spațială - CEOSpaceTech)		1.90		38.000
2	Programmable Systems for Intelligence in Automotive (PRYSTINE), Competiția "H2020-ECSEL-2017-2-RIA-two-stage", ECSEL JU, HORIZON 2020. Project ID: 783190. https://www.ecsel.eu/projects/prystine 58 parteneri europeni, Coordonator proiect: Infineon Technologies AG, Neubiberg, Germania; Director de proiect: Herbert Roedig. UPB are rol de beneficiar; responsabil de proiect din partea UPB: Andrei Anghel. Perioada de desfășurare 2018-2021 (dată de început: 1 Mai 2018), Valoare totală aferentă UPB: 191000 EUR. Finanțarea se realizează prin fonduri structurale: Contract POC nr. 3 / 1.1.3 H / 24.04.2019, Nr. înregistrare cabinet rector UPB: 297 / 24.04.2019, Director de proiect: Andrei Anghel		2.00		40.000
	... includeți perioada desfășurării: , identificare				0.000
1	A2.4.1.2 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați [6] (Director / responsabil partener) - naționale		Nr.ani		
	... includeți perioada desfășurării: , identificare				0.000
	... includeți perioada desfășurării: , identificare				0.000

A2.4.2.1 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați [6] (Membru în echipă) - internaționale		Nr.ani		
1	H-ISL - Hybrid Inter Satellite Link, Competiția ESA de tip "Call for Outline Proposals under the Romanian Industry Incentive Scheme", 2017-2019, Contractor principal: Control Data Systems, UPB are rol de sub-contractor, Responsabil din partea UPB: Cristian Anghel, Contract nr. 18 / 05.10.2017 (înregistrat la Centrul de Cercetări pentru Informație Spațială, UPB)	2.00		8.000
2	COBIS - Opportunistic C band bistatic SAR differential interferometry, Competiția ESA de tip "Call for Outline Proposals under the Romanian Industry Incentive Scheme", 2016-2018, Contractor principal: UPB, Director de proiect: Remus Cacoveanu, Contract nr. 4000115608/15/NL/Cbi (înregistrat la Centrul de Cercetări pentru Informație Spațială, UPB), http://ceospacetech.pub.ro/index.php/menu-item-cobis-team	2.00		8.000
3	Surveillance des grands ouvrages énergétiques par télédétection radar à synthèse d'ouverture, 2013-2015, Institut Carnot "Energies du Futur", Instituție coordonatoare: GIPSA-lab, Director de proiect: Gabriel Vasile, Parteneri: EDF R&D (Girard A. - Co-PI) / EDF DTG (Boudon R. - Co-PI), proiect de cercetare industrială	2.00		8.000
4	SMART HYDRO Monitoring - Système multicapteur pour le monitoring du débit et du suivi des conduites d'eau dans les ouvrages hydrauliques, French Single Interministerial Fund industrial project, 2013-2016, collaboration between the CS - Système d'information (Paccoud O. - Project Manager), CEA Grenoble, GIPSA-lab / Grenoble INP (Ioana C. - Project Leader), Cyberio, Atim Radiocommunications, proiect de cercetare industrială. http://www.gipsa-lab.grenoble-inp.fr/en/research/research-projects.php?id_projet=183	2.00		8.000
5	Etude du potentiel des satellites COSMO-SkyMed pour la mesure de déplacement InSAR aux environs des centrales nucléaires, 2014, Institut Carnot "Energies du Futur", Instituție coordonatoare: GIPSA-lab, Director de proiect: Gabriel Vasile, Partener: EDF DTG (Boudon R. - Co-PI), proiect de cercetare industrială	1.00		4.000
6	Impact du relief local sur la mesure de déplacement radar satellitaire, 2015, Institut Carnot "Energies du Futur", Instituție coordonatoare: GIPSA-lab, Director de proiect: Gabriel Vasile, Partener: EDF DTG (Boudon R. - Co-PI), proiect de cercetare industrială	1.00		4.000
A2.4.2.2 Granturi / proiecte de cercetare câștigate prin competiție [6] sau Contracte cu agenți economici în valoare de minim 10.000 dolari SUA echivalent încasați [6] (Membru în echipă) - naționale		Nr.ani		
1	GRADIS - Radar de Sol pentru Masuratori foarte precise de Deplasare (Ground-based RADAR for Very Precise Displacement Measurements), UEFISCDI, Contractor principal: UPB, Director de proiect: Mihai Datcu, Cod proiect: PN-II-PT-PCCA-2011-3.2-1678, Contract nr. 208/2012, 2012-2016, CEOSpaceTech, UPB. http://ceospacetech.pub.ro/index.php/mg-team	4.00		8.000
2	SPACETech - Competence Centre for Smart Sensors and Big Data Technology for Space Applications, Programul de Cercetare, Dezvoltare și Inovare pentru Tehnologie Spațială și Cercetare Avansată - STAR (Agenția Spațială Română - ROSA), 2013-2017, Instituție coordonatoare: UPB, Director de proiect: Mihai Datcu. http://ceospacetech.pub.ro/index.php/m-spacetech-short-description	4.00		8.000
3	BISTATIC PSI - Bistatic SAR Demonstrator for PS Interferometry using a Fixed-Receiver Configuration, Programul de Cercetare, Dezvoltare și Inovare pentru Tehnologie Spațială și Cercetare Avansată - STAR (Agenția Spațială Română - ROSA), 2012-2015, Instituție coordonatoare: UPB, Director de proiect: Anca Popescu, Contract nr. Int. CEO 12-04, CEOSpaceTech, UPB. http://ceospacetech.pub.ro/index.php/research/projects-national/bistatic-psi	3.00		6.000
4	Structuri filtrante inovative de microunde, pentru aplicații în telecomunicații și sisteme radar, Competiția UPB-GEX2016, 2016-2017, Director de proiect: Nicolae Militaru, Contract nr. 102/26.09.2016.	1.00		2.000
... includeți perioada desfășurării: , identificare				0.000
Total A2			57.287	719.883

Nr.crt.

A3 - Recunoașterea și impactul activității		Baza de date	Nr. Autori articol citat	[7], [8]	Punctaj
A3.1.1 Citări [7] în cărți, reviste și volume ale unor manifestări științifice - cărți, ISI [8]					
A. Anghel, R. Cacoaveanu, Improved composite right/left-handed cell for leaky-wave antenna, Progress In Electromagnetics Research Letters, vol. 22, pp. 59-69, 2011. [Indexat în BDI: Scopus, Compendex, ISSN: 1937-6480].					
1	Roman Kubacki, Salim Lamari, Mirosław Czyżewski, and Dariusz Laskowski, "A Broadband Left-Handed Metamaterial Microstrip Antenna with Double-Fractal Layers," International Journal of Antennas and Propagation, vol. 2017, Article ID 6145865, 6 pages, 2017. doi:10.1155/2017/6145865, WOS:000401869800001, [citează la referința 8], https://www.hindawi.com/journals/ijap/2017/6145865/	ISI	2		4.000
2	P. Shu and Q. Feng, "Design of a compact quad-band hybrid antenna for compass/WiMAX/WLAN applications," Progress In Electromagnetics Research, Vol. 138, 585-598, 2013. doi:10.2528/PIER13022708, WOS:000317963200038 [citează la referința 24], Q2 la categoria Telecommunications. http://www.jpier.org/PIER/pier138/38_13022708.pdf	ISI-Q2	2		8.000
3	S. Paulotto, P. Baccarelli, D.R. Jackson, "A self-matched wide scanning U-stub microstrip periodic leaky-wave antenna", Journal of Electromagnetic Waves and Applications, Vol. 28, No. 2, pp. 151-164, 2014, DOI:10.1080/09205071.2013.858609, WOS:000327835700003 [citează la referința 18]. https://www.tandfonline.com/doi/abs/10.1080/09205071.2013.858609	ISI	2		4.000
4	B. D. Bala, M. K. A. Rahim and N. A. Murad, "Composite right/left-handed dual-band metamaterial antenna with improved gain and efficiency", Microwave and Optical Technology Letters, Vol. 56, No. 7, pp. 1575-1579, July 2014, DOI: 10.1002/mop.28390, WOS:000334916400018 [citează la referința 13]. https://onlinelibrary.wiley.com/doi/abs/10.1002/mop.28390	ISI	2		4.000
... includeți WOS; editura dacă există					
A. Anghel, G. Vasile, R. Cacoaveanu, C. Ioana, S. Ciochină, Short-Range Wideband FMCW Radar for Millimetric Displacement Measurements, IEEE Transactions on Geoscience and Remote Sensing, vol.52, no.9, pp. 5633-5642, Sept. 2014.					
1	S. Dong, Y. Zhang, C. Ma, C. Zhu, Z. Gu, Q. Lv, B. Zhang, C. Li, L. Ran, "Doppler Cardiogram: A Remote Detection of Human Heart Activities," in IEEE Transactions on Microwave Theory and Techniques, vol. 68, no. 3, pp. 1132-1141, March 2020, doi: 10.1109/TMTT.2019.2948844. WOS:000526279100029 [citează la referința 10]. Q1 la categoria ENGINEERING, ELECTRICAL & ELECTRONIC.	ISI-Q1	5		3.200
2	Z. Wang, Q. Guo, X. Tian, T. Chang and H. Cui, "Millimeter-Wave Image Reconstruction Algorithm for One-Stationary Bistatic SAR," in IEEE Transactions on Microwave Theory and Techniques, vol. 68, no. 3, pp. 1185-1194, March 2020, doi: 10.1109/TMTT.2019.2955126. WOS:000526279100033 [citează la referința 33]. Q1 la categoria ENGINEERING, ELECTRICAL & ELECTRONIC.	ISI-Q1	5		3.200
3	W. Fang and L. Fang, "Joint Angle and Range Estimation With Signal Clustering in FMCW Radar," in IEEE Sensors Journal, vol. 20, no. 4, pp. 1882-1892, 15 Feb.15, 2020, doi: 10.1109/JSEN.2019.2949367. WOS:000510901800024 [citează la referința 27]. Q1 la categoria INSTRUMENTS & INSTRUMENTATION.	ISI-Q1	5		3.200
4	Y. Xiong, Z. Peng, W. Jiang, Q. He, W. Zhang and G. Meng, "An Effective Accuracy Evaluation Method for LFMW Radar Displacement Monitoring With Phasor Statistical Analysis," in IEEE Sensors Journal, vol. 19, no. 24, pp. 12224-12234, 15 Dec.15, 2019. doi: 10.1109/JSEN.2019.2938620. WOS:000506895500060 [citeaza la referința 25]. Q1 la categoria Instruments and Instrumentation. https://ieeexplore.ieee.org/document/8821383	ISI-Q1	5		3.200
5	O. Tokar, M. Brinkmann, "A Novel Nonlinearity Correction Algorithm for FMCW Radar Systems for Optimal Range Accuracy and Improved Multitarget Detection Capability", Electronics, vol. 8, no. 11, 1290, November 2019. WOS:000502269500086 [citează la referința 13]. https://doi.org/10.3390/electronics8111290	ISI	5		1.600
6	Chin-Hao Tseng, Yu-Han Hung, and Sheng-Kwang Hwang, "Frequency-modulated continuous-wave microwave generation using stabilized period-one nonlinear dynamics of semiconductor lasers," Opt. Lett. 44, 3334-3337 (2019). WOS:000473320900038 [citează la referința 1, conform WOS]. Q1 la categoria Optics. https://doi.org/10.1364/OL.44.003334	ISI-Q1	5		3.200
7	R. Qian, D. Jiang and W. Fu, "FPGA implementation of closed-loop compensation for LFMW signal non-linear distortions," in IET Signal Processing, vol. 13, no. 2, pp. 192-198, 4 2019. doi: 10.1049/iet-spr.2018.5298. WOS:000467406600009 [citează la referința 6].	ISI	5		1.600
8	J. Huang, Y. Zhang and S. Luo, "Moving Target Localization Using Single-Station Dual-Frequency Radar in Asynchronous Mode," in IEEE Geoscience and Remote Sensing Letters, vol. 16, no. 4, pp. 534-538, April 2019. doi: 10.1109/LGRS.2018.2876667. WOS:000462443300008 [citează la referința 3]. Q1 la categoria IMAGING SCIENCE & PHOTOGRAPHIC TECHNOLOGY.	ISI-Q1	5		3.200
9	P. Wang, D. Millar, K. Parsons, R. Ma and P. V. Orlik, "Range Accuracy Analysis for FMCW Systems with Source Nonlinearity," 2019 IEEE MTT-S International Conference on Microwaves for Intelligent Mobility (ICMIM), Detroit, MI, USA, 2019, pp. 1-5. doi: 10.1109/ICMIM.2019.8726679. WOS:000493085600015 [citează la referința 14].	ISI	5		1.600
10	J. Park, S. Park, D. Kim and S. Park, "Leakage Mitigation in Heterodyne FMCW Radar for Small Drone Detection With Stationary Point Concentration Technique," in IEEE Transactions on Microwave Theory and Techniques, vol. 67, no. 3, pp. 1221-1232, March 2019. doi: 10.1109/TMTT.2018.2889045. WOS:000460660900037 [citează la referința 13]. Q1 la categoria ENGINEERING, ELECTRICAL & ELECTRONIC.	ISI-Q1	5		3.200
11	C. Zeintl, F. Eibensteiner and J. Langer, "Evaluation of FMCW Radar for Vibration Sensing in Industrial Environments," 2019 29th International Conference Radioelektronika (RADIOELEKTRONIKA), Pardubice, Czech Republic, 2019, pp. 1-5. doi: 10.1109/RADIOELEK.2019.8733410. WOS:000492026100046 [citează la referința 3].	ISI	5		1.600
12	Z. Shang, XD Lin, GQ Xia, ZM Wu, "Photonic generation of frequency-modulated continuous-wave based on the period-one dynamics in a semiconductor laser under modulated optical injection," Proceedings of SPIE, Conference on Semiconductor Lasers and Applications VIII, Volume 10812, 2018, 6 pages. WOS:000454443500009 [citeaza la referinta 1]. https://www.spiedigitallibrary.org/conference-proceedings-of-spie/10812/108120B/Photonic-frequency-modulated-continuous-wave-generation-based-on-the/10.1117/12.2500798.short	ISI	5		1.600
13	Y. Xiong, S. Chen, G. Xing, Z.-K. Peng and W.-Ming Zhang, "High-precision frequency estimation for FMCW radar applications based on parameterized de-alternating and modified ICCD," MEASUREMENT SCIENCE AND TECHNOLOGY, Vol. 29, Iss. 7, July 2018, WOS:000434287000002 [citează la referința 4], Q2 la categoria Instruments & Instrumentation. https://iopscience.iop.org/article/10.1088/1361-6501/aac3f6	ISI-Q2	5		3.200
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15	Xiong, Yuyong; Peng, Zhike; Xing, Guanpei; Zhang, Wenming; Meng, Guang; "Accurate and Robust Displacement Measurement for FMCW Radar Vibration Monitoring," IEEE Sensors Journal, Vol. 18, No. 3, pp. 1131-1139, WOS:000422940300028, Feb. 2018 [citeaza la referinta 27]. Q1 la categoria Instruments & Instrumentation. https://ieeexplore.ieee.org/document/8123923	ISI-Q1	5		3.200
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A3.2 Membru în colective de redacție sau comitete științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI [9]		Baza de date	[9]		
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A3.3 Membru în colective de redacție sau comitete științifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate BDI [9]					
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A3.4 Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu					
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Total A3					237.067