AVIZAT,

Director CSUD,

Prof. dr. ing. Eugen-Victor-Cristian RUSU

Conf. dr. ing. Florin ONEA – Fişă de verificare a îndeplinirii standardelor minimale de ABILITARE (PROFESOR UNIVERSITAR)

Conform ANEXEI nr.17 (OM 6129/2016) - Standardelor minimale pentru domeniile ştiinţifice "Inginerie mecanică, mecatronică şi robotică"

Nr.	Domeniul activităţilor	Rezultatele activităţilor	Subcategorii				Indicatori	Punctaj	
								Realizat	Minim
1	Activitatea didactică şi profesională DID (A1)	Manuale suport de curs	A1.1	Format tipărit/electronic[2] (min. 100 pag.)	Coordonator/ prim autor		N1.1 = număr	2	1
					Co-autor		N1.2 = număr	-	-
							N1=N1.1+N1.2	2	2
				Format electronic disponibil pe platforma universității (autor)			N1.3 = număr	2	1
		Material didactic /Dezvoltare laboratoare, aplicații	A1.2	Standuri laborator (construcție/ modernizări) certificate de directorul de departament			N2.1 = număr	2	2
				Îndrumar laborator/carte aplicații format tipărit sau electronic (autor, co-autor)			N2.2 = număr	2	-
				Aplicație informatică educațională			N2.3 = număr	-	-
							N2=N2.1+N2.2+N2.3	4	4
2	Activitate de cercetare ştiinţifică dezvoltare	Articole și publicații științifice indexate Web of Science Thomson Reuters (WOS)[3], unde	A2.1	Autor corespondent/ prim autor		n≤3	P1.1= 2·(0,2 +FI)	310,6	-
						n≥4	P1.2= 2·3·(0,2 +FI)/n	4,35	-
				Co-autor		n≤3	P1.3=0,2+FI	33,6	-

	tehnologică și inovare CDI (A2)	n= nr.de autori și FI este factorul de impact[4]			n≥4	P1.4= 3·(0,2 +FI)/n	-	-
						P1=P1.1+P1.2+P1.3+P1.4	348,55	6
		Articole și publicații științifice BDI[5]neincluse la A2.1	A2.2	Autor corespondent/prim autor		N3.1 = număr	7	5
				Co-autor		N3.2 = număr	7	-
						N3=N3.1+N3.2	14	10
		Brevete de invenții indexate[6]	A2.3	Internaționale indexate în Web of Science – Derwent Innovation		P2.1 = același calcul cu A2.1 și FI = 2	-	-
				Naționale indexate OSIM		P2.2 = același calcul cu A2.1 și FI = 0,5	-	-
						P2=P2.1+P2.2+P1		-
		Produse, tehnologii, platforme și servicii inovative (validate conform procedurilor specifice unităților de învățământ superior sau de cercetare)	A2.4	Coordonator/prim autor		N4.1 = număr	-	-
				Co-autor		N4.2 = număr	-	-
		Monografii/cărți de specialitate[2], format tipărit/electronic (min. 100 pag.)	A2.5	Coordonator/prim autor		N4.3 = număr	1	1
				Co-autor		N4.4 = număr	1	-
						N4=N4.1+N4.2+N4.3+N4.4	2	2
3	Recunoașterea și impactul activității - RIA (A3)	Atragere resurse financiare prin granturi/proiecte/contracte terți	A3.1	Director sau responsabil partener la grant/proiect câștigat prin competiție națională sau internațională		S1[8] = sumă echivalentă în mii Euro[9]	65,38	-
				Membru în echipă la grant/proiect câștigat prin competiție națională sau internațională, proiecte/contracte terți		S2[8] = sumă echivalentă în mii Euro[9]	57,00	-

					S1 + S2	122,38	50
		Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat	A3.2	Congrese/conferințe/workshopuri internaționale, profesor invitat la universități/institute din străinătate	N5 = număr	14	10
		Citări în publicații BDI[4] (se exclud autocitările)	A3.3	C_1 = numărul de citări S_{FI} = suma factorilor de impact al publicațiilor WOS în care apar citările	$C=C_1+S_{FI}$	2036,43	25

[1] Publicaţia este înregistrată în fondul de carte al bibliotecii naționale sau al bibliotecilor universităților respective.

[2] Se exclud publicațiile conferințelor DAAAM și WSEAS.

[3] FI este factorul de impact al revistei la data înscrierii la concurs sau la data publicării articolului (cel mai avantajos pentru candidat). Se iau în considerare la această categorie numai revistele cu factor de impact la data publicării articolului. O revistă WOS este echivalentă cu o revistă cotată ISI cf. ordinului de Ministru (MECTS) Nr. 4478 din 23 iunie 2011, publicat în Monitorul Oficial, Partea 1, nr. 448/27.VI.2011.

[4] Bazele de date BDI acceptate sunt: Web of Science Thomson Reuters (WOS) şi SCOPUS.

[5] Un brevet se poate încadra la o singură categorie.

[6] Suma din grant/proiect încasată de instituţie repartizată echipei din care directorul de grant/responsabil partener face parte (S1 include cheltuieli de: personal, logistică, deplasări, indirecte).

[7] Suma din grant/proiecte câştigate prin concurs naţional/internaţional şi proiecte/contracte terţi încasată de instituţie şi repartizată de director/responsabil persoanei respective (S2 include cheltuieli de: personal, logistică, deplasări, indirecte).

[8] Pentru contractele derulate înainte de 01.01.1999 se va considera echivalarea: 1 EURO = 1 $ USA.

Indicator	Domeniul de activitate	Punctaj realizat	
		Parţial	**Total**
ACTIVITATEA DIDACTICĂ ŞI PROFESIONALĂ - DID (A1)			
Manuale suport de curs - A1.1			
N1.1	1. Onea F, 2019. Colapsul structurilor mecanice vol. II. Editura Zigotto, Galaţi. ISBN 978-606-669-246-5 (144 pagini – format tipărit+electronic) https://www.bibnat.ro/dyn-doc/publicatii/CIP/CIP_februarie_2020.pdf	1	2
	2. Onea Florin, 2019. MECANICĂ: CINEMATICĂ ȘI DINAMICĂ. Editura Zigotto, Galaţi. ISBN 978-606-669-316-5 (101 pagini – format tipărit+electronic)	1	
N1.3	1. Onea Florin, 2017. Colapsul structurilor mecanice vol. I (support de curs). Editura Zigotto, Galaţi. ISBNgeneral 978-606-669-246-5; ISBNvol 1 978-606-669-247-2. https://files.ugal.ro/s/bBkgJ4pmPt2uF6J	1	2
	2. Onea F, 2019. Colapsul structurilor mecanice vol. II. Editura Zigotto, Galaţi. ISBN 978-606-669-246-5 https://files.ugal.ro/s/lhCaq8P4eod75Fm	1	
Material didactic/Dezvoltare laboratoare, aplicaţii - A1.2			
N2.1	Standuri laborator (construcție/modernizări) certificate de directorul de departament		
	1. Sistem pentru simularea producerii valurilor	1	2
	2. Turbină eoliană cu ax vertical	1	
N2.2	Îndrumar laborator/carte aplicații format tipărit sau electronic (autor, co-autor)		
	1. Onea F. Aplicaţie flambaj (format electronic) https://files.ugal.ro/s/hdgyaedqDDIhOhy	1	4
	2. Onea F, Aplicaţie rotori (format electronic) https://files.ugal.ro/s/mAr0agjFasxQFQ0	1	
ACTIVITATEA DE CERCETARE ŞTIINŢIFICĂ, DEZVOLTARE TEHNOLOGICĂ ŞI INOVARE – CDI (A2)			
Articole şi publicaţii ştiinţifice indexate Web of Science Thomson Reuters (WOS) - A2.1			
P1.1	Autor correspondent/prim autor n≤3; (P1.1= 2·(0,2 +FI))		
	1. **Onea F**, Rusu E, 2022. *An Evaluation of Marine Renewable Energy Resources Complementarity in the Portuguese Nearshore*. JOURNAL OF MARINE SCIENCE AND ENGINEERING 10(12), 1901, https://doi.org/10.3390/jmse10121901, WOS:000901034300001, **(FI: 2.9/2022)**, Q1 ENGINEERING, MARINE in SCIE edition 2022.	6.2	310,6
	2. **Onea F**, Rusu E, 2022. *A spatial analysis of the offshore wind energy potential related to the Mediterranean islands*. ENERGY REPORTS 8(16), 99-105, https://doi.org/10.1016/j.egyr.2022.10.249, WOS:000892651100015, **(FI: 5.2/2022)**, Q2 ENERGY & FUELS in SCIE edition 2022. Prezentată la 7th International Conference on Advances on Clean Energy Research (ICACER), Barcelona, Spania, 20-22 Aprilie 2022.	10.8	

	3. **Onea F**, Manolache A, Ganea D. *Assessment of the Black Sea High-Altitude Wind Energy*. JOURNAL OF MARINE SCIENCE AND ENGINEERING 10(10), 1463, https://doi.org/10.3390/jmse10101463, WOS:000873154000001, **(FI: 2.9/2022)**, Q1 ENGINEERING, MARINE in SCIE edition 2022.	6.2
	4. Yildirir V, Rusu E, **Onea F**, 2022. *Wind Variation near the Black Sea Coastal Areas Reflected by the ERA5 Dataset*. INVENTIONS 7(3), 57, https://doi.org/10.3390/inventions7030057, WOS:000858623600001, **(FI: 3.4/2022)**, Q1 ENGINEERING, MULTIDISCIPLINARY in ESCI edition 2022.	7.2
	5. Yildirir V, Rusu E, **Onea F**, 2022. *Wind Energy Assessments in the Northern Romanian Coastal Environment Based on 20 Years of Data Coming from Different Sources*. Sustainability 14 (7), 4249, https://doi.org/10.3390/su14074249, WOS:000781321400001, **(FI: 3.9/2022)**, Q2 ENVIRONMENTAL SCIENCES in SCIE edition.	8.2
	6. **Onea F**, Rusu E, Rusu L, 2021. *Assessment of the Offshore Wind Energy Potential in the Romanian Exclusive Economic Zone*. JOURNAL OF MARINE SCIENCE AND ENGINEERING 9(5), 531, https://doi.org/10.3390/jmse9050531 **(FI: 2.9/2022)**, Q1 ENGINEERING, MARINE in SCIE edition 2022.	6.2
	7. **Onea F,** Rusu L, Carp B, Rusu E, 2021. *Wave Farms Impact on the Coastal Processes – A Case Study Area in the Portuguese Nearshore*. JOURNAL OF MARINE SCIENCE AND ENGINEERING, 9(3), 262, https://doi.org/10.3390/jmse9030262, WOS:000633806800001, **(FI: 2.9/2022)**, Q1 ENGINEERING, MARINE in SCIE edition 2022.	6.2
	8. Ruiz A, **Onea F**, Rusu E, 2020. *Study Concerning the Expected Dynamics of the Wind Energy Resources in the Iberian Nearshore*. Energies 13(18) 4832, https://doi.org/10.3390/en13184832, WOS:000580100200001, **(FI: 3.2/2022)**, Q3 ENERGY & FUELS in SCIE edition 2022.	6.8
	9. **Onea F**, Ruiz A, Rusu E, 2020. *An Evaluation of the Wind Energy Resources along the Spanish Continental Nearshore*. Energies 13(15), 3986, https://doi.org/10.3390/en13153986, WOS:000558983700001, **(FI: 3.2/2022)**, Q3 ENERGY & FUELS in SCIE edition 2022.	6.8
	10. Raileanu A, **Onea F**, Rusu, E, 2020. *An Overview of the Expected Shoreline Impact of the Marine Energy Farms Operating in Different Coastal Environments*. JOURNAL OF MARINE SCIENCE AND ENGINEERING**,** 8(2), 228, https://doi.org/10.3390/jmse8030228, WOS:000529415700083, **(FI: 2.9/2022**), Q1 ENGINEERING, MARINE in SCIE edition 2022.	6.2
	11. **Onea F**, Rusu E, 2019. *The expected shoreline effect of a marine energy farm operating close to Sardinia Island*. Water, 11(11), 2303, https://doi.org/10.3390/w11112303, WOS:000502264500105, **(FI: 3.4/2022)**, Q2 ENVIRONMENTAL SCIENCES in SCIE edition 2022.	7.2
	12. **Onea F**, Rusu L, 2019. *Long-term analysis of the Black Sea weather windows*. JOURNAL OF MARINE SCIENCE AND ENGINEERING 7(9), 303, https://doi.org/10.3390/jmse7090303, WOS:000487981700023, **(FI: 2.9/2022)**, Q1 ENGINEERING, MARINE in SCIE edition 2022.	6.2
	13. **Onea F**, Rusu E, 2019. *An assessment of wind energy potential in the Caspian Sea*. Energies 12(13), 2525, https://doi.org/10.3390/en12132525, WOS:000477034700067, **(FI: 3.2/2022)**, Q3 ENERGY & FUELS in SCIE edition 2022.	6.8
	14. Rusu E, **Onea F**, 2019. *An assessment of the wind and wave power potential in the island environment*. Energy 175, 830-846, https://doi.org/10.1016/j.energy.2019.03.130, WOS:000466999400068, **(FI: 9/2022)**, Q1 ENERGY & FUELS in SCIE edition 2022.	18.4
	15. Rusu L, **Onea F**, 2019. *A study on the wind energy potential in the Romanian coastal environment*. JOURNAL OF MARINE SCIENCE AND ENGINEERING 7(5), 142, https://doi.org/10.3390/jmse7050142, WOS:000470965000022, **(FI: 2.9/2022)**, Q1 ENGINEERING, MARINE in SCIE edition 2022.	6.2
	16. **Onea F**, Rusu L, 2018. *Evaluation of some state-of-the-art wind technologies in the nearshore of the Black Sea*. Energies 11(9), 2452 https://doi.org/10.3390/en11092452, WOS:000446604500273, **(FI: 3.2/2022)**, Q3 ENERGY & FUELS in SCIE edition 2022.	6.8
	17. Rusu E, **Onea F**, 2018. *A review of the technologies for wave energy extraction*. CLEAN ENERGY 2(1), 10-19, https://doi.org/10.1093/ce/zky003, **(FI: 2.3/2022)**, Q4 ENERGY & FUELS in SCIE edition 2022.	5

	18. **Onea F**, Rusu E, 2018. *Sustainability of the reanalysis databases in predicting the wind and wave power along the European coasts*. Sustainability 10(193), https://doi.org/10.3390/su10010193, WOS:000425082600190, **(FI: 3.9/2022)**, Q2 ENVIRONMENTAL SCIENCES in SCIE edition 2022.	8.2
	19. Rusu E, **Onea F**, 2017. *Joint evaluation of the wave and offshore wind energy resources in the developing countries*. Energies 10(11), 1866, https://doi.org/10.3390/en10111866, WOS:000417046500185, **(FI: 3.2/2022)**, Q3 ENERGY & FUELS in SCIE edition 2022.	6.8
	20. **Onea F**, Rusu L, 2017. *A long-term assessment of the Black Sea wave climate*. Sustainability 9(10), 1875, https://doi.org/10.3390/su9101875, WOS:000414896200205, **(FI: 3.9/2022)**, Q2 ENVIRONMENTAL SCIENCES in SCIE edition 2022.	8.2
	21. **Onea F**, Ciortan S, Rusu E, 2017. *Assessment of the potential for developing combined wind-wave projects in the European nearshore*. ENERGY & ENVIRONMENT, 28(5-6), 580-597 https://doi.org/10.1177/0958305X17716947, WOS:000411611400004, **(FI: 4.2/2022)**, Q2 ENVIRONMENTAL STUDIES in SCIE edition 2022.	8.8
	22. Rusu L, **Onea F**, 2017. *The performances of some state of the art wave energy converters in locations with the worldwide highest wave power*. Renewable & Sustainable Energy Reviews, 75, 1348-1362, https://doi.org/10.1016/j.rser.2016.11.123, WOS:000401395000107, **(FI: 15.9/2022)**, Q1 ENERGY & FUELS in SCIE edition 2022.	32.2
	23. Rusu E, **Onea F**, 2016. *Study on the influence of the distance to shore for a wave energy farm operating in the central part of the Portuguese nearshore*. Energy Conversion and Management 114, 209-223, https://doi.org/10.1016/j.enconman.2016.02.020, WOS:000372676200019, **(FI: 10.4/2022)**, Q1 in ENERGY & FUELS in SCIE edition 2022.	21.2
	24. **Onea F**, Rusu E, 2016. *Efficiency assessments for some state of the art wind turbines in the coastal environments of the Black and the Caspian seas*. ENERGY EXPLORATION & EXPLOITATION, 34 (2), 217-234, https://doi.org/10.1177/0144598716629872, WOS:000371611300003, **(FI: 2.7/2022)**, Q4 in ENERGY & FUELS in SCIE edition 2022.	5.8
	25. **Onea F**, Rusu E, 2016. *The expected efficiency and coastal impact of a hybrid energy farm operating in the Portuguese nearshore*. Energy, 97, 411–423, https://doi.org/10.1016/j.energy.2016.01.002, WOS:000371841100035, **(FI: 9/2022)**, Q1 ENERGY & FUELS in SCIE edition 2022.	18.4
	26. Rusu E, **Onea F**. 2016. *Estimation of the wave energy conversion efficiency in the Atlantic Ocean close to the European islands*. Renewable Energy 85, 687–703, https://doi.org/10.1016/j.renene.2015.07.042, WOS:000363344800067, **(FI: 8.7/2022)**, Q1 ENERGY & FUELS in SCIE edition 2022.	17.8
	27. Rusu L, **Onea F**, 2015. *Assessment of the performances of various wave energy converters along the European continental coasts*. Energy 82, 889–904, https://doi.org/10.1016/j.energy.2015.01.099, WOS:000351788700079, **(FI: 9/2022)**, Q1 ENERGY & FUELS in SCIE edition 2022.	18.4
	28. **Onea F**, Raileanu A, Rusu E, 2015. *Evaluation of the wind energy potential in the coastal environment of two enclosed seas*. Advances in Meteorology 808617, https://doi.org/10.1155/2015/808617, WOS:000356713100001, **(FI: 2.9/2022)**, Q3 METEOROLOGY & ATMOSPHERIC SCIENCES in SCIE edition 2022.	6.2
	29. Zanopol AT, **Onea F**, Rusu E, 2014. *Coastal impact assessment of a generic wave farm operating in the Romanian nearshore*. Energy 72, 652-670, https://doi.org/10.1016/j.energy.2014.05.093, WOS:000340321100062, **(FI: 9/2022)**, Q1 ENERGY & FUELS in SCIE edition 2022.	18.4
	30. **Onea F**, Rusu E, 2014. An *evaluation of the wind energy in the north-west of the Black Sea*. International Journal of Green Energy 11 (5), 465-487, http://dx.doi.org/10.1080/15435075.2013.773513, WOS:000326919500003, **(FI: 3.3/2022)**, Q3 ENERGY & FUELS in SCIE edition 2022.	7
	31. **Onea F**, Rusu E. 2014. *Wind energy assessments along the Black Sea basin*. Meteorological Applications, 21(2), 316-329 https://doi.org/10.1002/met.1337, WOS:000334790500020, **(FI: 2.7/2022)**, Q3 METEOROLOGY & ATMOSPHERIC SCIENCES in SCIE edition 2022.	5.8

P1.2	Autor correspondent/prim autor n≥4; (P1.2= 2·3·(0,2 +FI)/n)		
	1. **Onea F**, Deleanu L, Rusu L, Georgescu C, 2016. *Evaluation of the wind energy potential along the Mediterranean Sea coasts.* ENERGY EXPLORATION & EXPLOITATION 34(5), 766-792 https://doi.org/10.1177/0144598716659592, WOS:000382570100007, **(FI: 2.7/2022)**, Q4 in ENERGY & FUELS in SCIE edition 2022.	4.35	
P1.3	Co-autor n≤3; P1.3=0,2+FI		
	1. Rusu E, **Onea F**, 2022. *Evaluation of the adverse weather conditions associated to some significant European marine renewable energy projects*. ENERGY REPORTS 8(16), 185-193, https://doi.org/10.1016/j.egyr.2022.10.205, WOS:000892651100026, **(FI: 5.2/2022)**, Q2 ENERGY & FUELS in SCIE edition 2022. Prezentată la 7th International Conference on Advances on Clean Energy Research (ICACER), Barcelona, Spania, 20-22 Aprilie 2022.	5.4	33.6
	2. Girleanu A, **Onea F**, Eugen R, 2021. *The efficiency and coastal protection provided by a floating wind farm operating in the Romanian nearshore*. Energy Reports https://doi.org/10.1016/j.egyr.2021.05.057, WOS:000709730700003, **(FI: 5.2/2022)**, Q2 ENERGY & FUELS in SCIE edition 2022. Prezentată la 6th International Conference on Advances on Clean Energy Research, ICACER Barcelona, Spain, 15-17 Aprilie, 2021.	5.4	
	3. Girleanu A, **Onea F**, Rusu E, 2021. *Assessment of the Wind Energy Potential along the Romanian Coastal Zone*. Inventions 6(2), 41, https://doi.org/10.3390/inventions6020041, WOS:000667164800001, **(FI: 3.4/2022)**, Q1 ENGINEERING, MULTIDISCIPLINARY in ESCI edition 2022.	3.6	
	4. Rusu L, **Onea F**, Rusu E, 2021. *The Expected Impact of Marine Energy Farms Operating in Island Environments with Mild Wave Energy Resources—A Case Study in the Mediterranean Sea*. Inventions 6(2), 33, https://doi.org/10.3390/inventions6020033 WOS:000667164300001, **(FI: 3.4/2022)**, Q1 ENGINEERING, MULTIDISCIPLINARY in ESCI edition 2022.	3.6	
	5. Raileanu A, **Onea F**, Rusu, E, 2020. *Implementation of Offshore Wind Turbines to Reduce Air Pollution in Coastal Areas—Case Study Constanta Harbour in the Black Sea.* JOURNAL OF MARINE SCIENCE AND ENGINEERING, 8(8), 550 https://doi.org/10.3390/jmse8080550, WOS:000567306400001, **(FI: 2.9/2022**), Q1 ENGINEERING, MARINE in SCIE edition 2022	3.1	
	6. Rusu E, **Onea F**, 2019. *A parallel evaluation of the wind and wave energy resources along the Latin American and European coastal environments*. Renewable Energy 143, 1594-1607, https://doi.org/10.1016/j.renene.2019.05.117, WOS:000482686100049, **(FI: 8.7/2022)**, Q1 ENERGY & FUELS in SCIE edition 2022.	8.9	
	7. Rusu L, Raileanu A, **Onea F**, 2018. *A comparative analysis of the wind and wave climate in the Black Sea along the shipping routes*. Water, 10(7), 924, https://doi.org/10.3390/w10070924, WOS:000442579700107, **(FI: 3.4/2022)**, Q2 ENVIRONMENTAL SCIENCES in SCIE edition 2022.	3.6	
Articole și publicații științifice BDI (neincluse la A2.1) - A2.2; (N3=N3.1+N3.2)			
N3	a) Autor correspondent/prim autor (N3.1=7 lucrări); b) co-autor		
	1. Ganea D, Manolache AI, **Onea F**, 2022. *Performance assessment of a 5 MW AWES generator operating in the Black Sea western area.* Mechanical Testing and Diagnosis 12(1), 5-11 https://scholar.google.com/citations?view_op=view_citation&hl=en&user=pKmjk6MAAAAJ&sortby=pubdate&citation_for_view=pKmjk6MAAAAJ:D03iK_w7-QYC	1	14
	2. **Onea F**, Caranfil V, Rusu L, 2018. *Renewables and the Romanian energy system.* Mechanical Testing and Diagnosis, 8(2), pp. 5-10, https://www.gup.ugal.ro/ugaljournals/index.php/mtd/article/view/1818 N3.1	1	
	3. Caranfil V, Rusu E, **Onea F**, 2018. *An evaluation of the solar and wind energy in the south-east of Romania*. Mechanical Testing and Diagnosis, 8(2), pp. 15-20 https://doi.org/10.35219/mtd.2018.2.03	1	

	4. Rusu E, **Onea F**, 2017. Hybrid solutions for energy extraction in coastal environment. Energy Procedia 118, 46-53 https://doi.org/10.1016/j.egypro.2017.07.010	1	
	5. **Onea F**, Rusu E, 2016. *Coastal protections provided by energy farms in the Romanian nearshore*. Mechanical Testing and Diagnosis, 2, 5-14. http://www.im.ugal.ro/mtd/download/2016-2/1%20MTD_2016_Volume%202_Onea%20xx.pdf N3.1	1	
	6. **Onea F**, Raileanu A, Rusu E, 2016. *Analysis of the extreme wind and wave conditions in the Black Sea as reflected by the altimeter measurements*. Mechanical Testing and Diagnosis 6(1), 5-12 https://www.gup.ugal.ro/ugaljournals/index.php/mtd/article/view/2290 N3.1	1	
	7. **Onea F**, Rusu E, 2015. *Analysis of some numerical simulations related to a hybrid wave energy converter.* Annals of "Dunarea De Jos" University of Galati Mathematics, Physics, Theoretical Mechanics Fascicle II, Mathematics, Physics, Theoretical Mechanics. 2015, Vol. 38 Issue 1, p46-52. N3.1 https://web.p.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=20672071&AN=113483714&h=Bd6Lr7Hxe%2bz3yNEC9GRLZ2o8kblhxGCThM6o3iaaKWVrLXMMSAVVGLTOva9ckmKMea%2fFzinbD0T%2bcx7bhLIE%2bw%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d20672071%26AN%3d113483714	1	
	8. Zanopol AT, **Onea F,** Rusu E, 2014. *Studies concerning the influence of the wave farms on the nearshore processes*. International Journal of Geosciences 5, 728-738. https://www.scirp.org/journal/paperinformation.aspx?paperid=47121	1	
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	11. Zanopol AT, **Onea F**, Rusu L, 2013. *Evolution of the Romanian nearshore currents under the influence of WEC farms.* Mechanical Testing and Diagnosis, 4, 13-20 https://www.gup.ugal.ro/ugaljournals/index.php/mtd/article/view/2419 N3.1	1	
	12. Zanopol AT, **Onea F**, 2013. *Coastal influence of a Pelamis wave farm operating in the nearshore of Mamaia*. Mechanical Testing and Diagnosis, 3, 5-14 https://www.gup.ugal.ro/ugaljournals/index.php/mtd/article/view/2414 N3.1	1	
	13. Diaconu S, **Onea F**, Rusu E. 2013. *Evaluation of the nearshore impact of a hybrid wave-wind energy farm*. International Journal of Education and Research, 1(2), http://www.ijern.com/images/February-2013/24.pdf	1	
	14. **Onea F**, Diaconu S, Rusu E. 2013. *Evaluation of the environmental conditions in the vicinity of the Romanian ports at the Black Sea.* Constanta Maritime University Annals, vol. 19, 143-150. https://trid.trb.org/view/1309796 N3.1	1	
Monografii/cărţi de specialitate, format tipărit/electronic (min. 100 pag.) - A2.5			
	Coordonator/prim autor		
	Onea F, Rusu L, Rusu E, 2022. *Energia regenerabilă din mediul marin și sinergia dintre energia vântului și a valurilor,* Editura Zigotto, Galaţi 2022, ISBN 978-606-669-386-8, 295p	1	1
	Co-autor		
	Rusu L, Raileanu A, **Onea F**, 2016. *Asimilarea de date cu aplicații la predicția climatului de val în bazinul Mării Negre*, Editura Zigotto, ISBN 978-606-669-182-6, 300p.	1	1
RECUNOAȘTEREA ȘI IMPACTUL ACTIVITĂȚII - RIA (A3)			
Atragere resurse financiare prin granturi/proiecte/contracte terţi A3.1			

S1	Director sau responsabil partener la grant/proiect câștigat prin competiție națională sau internațională		
	1. ROMAR (2018 - 2020) - ROmanian MArine Renewable solutions (PN-III-P1-1.1-PD-2016-0235)–Contract nr. 72/2018 https://romar.ugal.ro/. Valoare totală a proiectului 249.090,00 lei = 50.389 EUR (calculat la curs BNR 4,9433 lei/EUR valabil în 11.08.2023).	50,38	65,38
	2. Grant intern acordat de Facultatea de Inginerie din Galaţi, 2022. Soluţii avansate pentru utilizarea energiei vântului din bazinul Mării Negre. Contract de finanţare nr. 14890/11.05.2022 https://cercetare.ugal.ro/files/finantare/beneficiari-grant-institutional-CDI-2022.pdf Valoare totală a proiectului 50.000 lei = 10.114 EUR (calculat la curs BNR 4,9433 lei/EUR valabil în 11.08.2023).	10,11	
	3. Contract terţi (Energy Policy Group). Analiza resurselor de vânt din zona costieră românească. Contract de finanţare nr. 766/27.07.2020. Valoare totală a proiectului 24.200 lei = 4.895 EUR (calculat la curs BNR 4,9433 lei/EUR valabil în 11.08.2023).	4,89	
S2	Membru în echipă la grant/proiect câștigat prin competiție națională sau internațională, proiecte/contracte terți		
	1. DREAM (2021 - prezent) - Dynamics of the Resources and technological Advance in harvesting Marine renewable energy (PN-III-P4-ID-PCE-2020-0008) https://dream.ugal.ro/ Suma din proiect repartizată = 32.400 EUR.	32,40	57,00
	2. REMARC (2017 - 2019) - Renewable Energy extraction in MARine environment and its Coastal impact (PN-III-P4-ID-PCE-2016-0017) https://remarc.ugal.ro/. Suma din proiect repartizată = 24.600 EUR.	24,60	
Prezentarea/Diseminarea rezultatelor: prezență la manifestări științifice în calitate de autor/co-autor de lucrări, profesor invitat - A3.2			
N5	Congrese/conferințe/workshopuri internaționale, profesor invitat la universități/institute din străinătate		
	1. Rusu E, **Onea F**, 2023. *A Computational Platform to assess the Coastal Impact of the Marine Energy Farms*. 8th International Conference on Advances on Clean Energy Research (ICACER). Barcelona, SPAIN, APR 27-29, 2023. https://dream.ugal.ro/dream/materiale/diplome/72-Onea-A1001.pdf	1	14
	2. **Onea F**, Rusu E, 2023. *Expected Performances of WEC Systems Operating Near the European Offshore Wind Sites*. 8th International Conference on Advances on Clean Energy Research (ICACER). Barcelona, SPAIN, APR 27-29, 2023. https://dream.ugal.ro/dream/materiale/diplome/71-Onea-A035.pdf	1	
	3. **Onea F**, Rusu E, 2022. *A spatial analysis of the offshore wind energy potential related to the Mediterranean islands*. 7th International Conference on Advances on Clean Energy Research (ICACER). APR 20-22, 2022. Barcelona, SPAIN, https://dream.ugal.ro/dream/materiale/diplome/41-ICACER%202022-Onea_certificate%202.pdf	1	
	4. Rusu E, **Onea F**, 2022. *Evaluation of the adverse weather conditions associated to some significant European marine renewable energy projects*. 7th International Conference on Advances on Clean Energy Research (ICACER). APR 20-22, 2022, Barcelona, SPAIN. https://dream.ugal.ro/dream/materiale/diplome/40-ICACER%202022-Onea_certificate%201.pdf	1	
	5. **Onea F**, Rusu L, 2019. *An overview of the Black Sea weather downtime*. IISES International Academic Conference, September 23-26, 2019 Barcelona, Spain. https://www.iises.net/proceedings/international-academic-conference-barcelona/table-of-content/detail?article=an-overview-of-the-black-sea-weather-downtime DOI:10.20472/IAC.2019.052.049	1	
	6. Rusu E, **Onea F**, 2019. Wind and wave energy resource of Germany reported by ERA-Interim reanalysis data. 2nd International Conference on Renewable Energy and Environment Engineering (REEE 2019), August 19-22, 2019 Munich, Germany https://doi.org/10.1051/e3sconf/201912204003	1	
	7. **Onea F**, Rusu L, 2019. *Assessment of the Romanian onshore and offshore wind energy potential*. 2nd International Conference on	1	

	Renewable Energy and Environment Engineering (REEE 2019), August 19-22, 2019 Munich, Germany. https://doi.org/10.1051/e3sconf/201912201003		
	8. **Onea F**, Rusu L, 2019. *Offshore wind energy and the Romanian energy future*. 4th International Conference on Advances on Clean Energy Research (ICACER 2019), April 5-7, 2019 Coimbra, Portugal. https://doi.org/10.1051/e3sconf/201910301004	1	
	9. **Onea F**, Rusu L, 2019. *Wave power variation near the Romanian coastal waters*. 4th International Conference on Advances on Clean Energy Research (ICACER 2019), April 5-7, 2019 Coimbra, Portugal. https://doi.org/10.1051/e3sconf/201910301006	1	
	10. **Onea F**, Rusu L, 2018. *Evaluation of the Black Sea wind energy potential for a renewable energy perspective*. 3rd International Conference on Power and Renewable Energy, September 21-24, 2018, Berlin, Germany. https://files.ugal.ro/s/k6j2PczxR9ivzaW	1	
	11. **Onea F**, Rusu L, 2018. *Assessment of the Romanian coastline wind energy potential*. 4th International Conference "Water resources and wetlands", September 5-9, 2018, Tulcea, Romania. https://www.limnology.ro/wrw2018/programme.html	1	
	12. **Onea F**, Rusu E, 2018. *Sensitivity analysis of the wave energy converters operating in the French coastal waters*. ICPET, 4-6 July 2018, Lille, France https://icpet.org/icpet2018.html; http://www.ijsgce.com/index.php?m=content&c=index&a=show&catid=78&id=438 DOI: 10.12720/sgce.8.2.239-244.	1	
	13. **Onea F**, Rusu L, 2015. *Coastal impact of a hybrid marine farm operating close to Sardinia Island*. OCEANS'15 MTS/IEEE GENOVA 18-21 May 2015 Genova, Italy https://doi.org/10.1109/OCEANS-Genova.2015.7271249	1	
	14. Raileanu A, **Onea F**, Rusu E, 2015. *Assesment of the wind energy potential in the coastal environment of two enclosed seas*. OCEANS'15 MTS/IEEE GENOVA 18-21 May 2015 Genova, Italy https://doi.org/10.1109/OCEANS-Genova.2015.7271248	1	

Citări în publicații BDI (WoS/Scopus, se exclud autocitările) - A3.3 ($C=C_1+S_{FI}$)			Total C= 2036,43
Nr	Publicaţia care citează	FI (2022)	Nr. citări	Total
1	**Onea F**, Rusu E, 2022. *An Evaluation of Marine Renewable Energy Resources Complementarity in the Portuguese Nearshore*. JOURNAL OF MARINE SCIENCE AND ENGINEERING 10(12), 1901, https://doi.org/10.3390/jmse10121901, WOS:000901034300001 **este citată în:**			8,1
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	1	
	ENERGIES	3.2	1	
2	Yildirir V, Rusu E, **Onea F**, 2022. *Wind Variation near the Black Sea Coastal Areas Reflected by the ERA5 Dataset*. INVENTIONS 7(3), 57, https://doi.org/10.3390/inventions7030057, WOS:000858623600001 **este citată în:**			4,4
	INVENTIONS	3.4	1	
3	Yildirir V, Rusu E, **Onea F**, 2022. *Wind Energy Assessments in the Northern Romanian Coastal Environment Based on 20 Years of Data Coming from Different Sources*. Sustainability 14 (7), 4249, https://doi.org/10.3390/su14074249, WOS:000781321400001 **este citată în:**			15,6
	SUSTAINABILITY	3.9	2	
	RENEWABLE ENERGY	8.7	1	
4	**Onea F**, Rusu E, Rusu L, 2021. *Assessment of the Offshore Wind Energy Potential in the Romanian Exclusive Economic Zone*. JOURNAL OF MARINE SCIENCE AND ENGINEERING 9(5), 531, https://doi.org/10.3390/jmse9050531 **este citată în:**			3,9
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	1	

5	**Onea F**, Rusu L, Carp B, Rusu E, 2021. *Wave Farms Impact on the Coastal Processes – A Case Study Area in the Portuguese Nearshore*. JOURNAL OF MARINE SCIENCE AND ENGINEERING, 9(3), 262, https://doi.org/10.3390/jmse9030262, WOS:000633806800001 **este citată în:**			
	AIN SHAMS ENGINEERING JOURNAL	6	1	38,7
	GEOCARTO INTERNATIONAL	3.8	1	
	OCEAN & COASTAL MANAGEMENT	4.6	1	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	1	
	WATER	3.4	1	
6	Ruiz A, **Onea F**, Rusu E, 2020. *Study Concerning the Expected Dynamics of the Wind Energy Resources in the Iberian Nearshore*. Energies 13(18) 4832, https://doi.org/10.3390/en13184832, WOS:000580100200001 **este citată în:**			
	ENERGIES	3.2	3	43,4
	RENEWABLE ENERGY	8.7	2	
	ENERGY REPORTS	5.2	1	
	MATHEMATICS	2.4	1	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	1	
7	**Onea F**, Ruiz A, Rusu E, 2020. *An Evaluation of the Wind Energy Resources along the Spanish Continental Nearshore*. Energies 13(15), 3986, https://doi.org/10.3390/en13153986, WOS:000558983700001 **este citată în:**			
	ENERGIES	3.2	1	14,3
	ENERGY REPORTS	5.2	1	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	1	
8	Raileanu A, **Onea F**, Rusu, E, 2020. *An Overview of the Expected Shoreline Impact of the Marine Energy Farms Operating in Different Coastal Environments*. JOURNAL OF MARINE SCIENCE AND ENGINEERING, 8(2), 228, https://doi.org/10.3390/jmse8030228, WOS:000529415700083 **este citată în:**			
	RENEWBLE ENERGY	8.7	2	25,5
	ENERGIES	3.2	1	
	ENERGY REPORTS	5.2	1	
	WATER	3.4	1	
9	**Onea F**, Rusu E, 2019. *The expected shoreline effect of a marine energy farm operating close to Sardinia Island*. Water, 11(11), 2303, https://doi.org/10.3390/w11112303, WOS:000502264500105 **este citată în:**			
	RENEWABLE ENERGY	8.7	3	25,5
	APPLIED SCIENCES BASEL	2.7	1	
	AQAUCULTURE RESEARCH	2	1	
	DYNAMICS OF ATMOSPHERE AND OCEANS	1.7	1	
	WATER	3.4	1	

10	**Onea F**, Rusu L, 2019. *Long-term analysis of the Black Sea weather windows*. JOURNAL OF MARINE SCIENCE AND ENGINEERING 7(9), 303, https://doi.org/10.3390/jmse7090303, WOS:000487981700023 **este citată în:**			
	DYNAMICS OF ATMOSPHERES AND OCEANS	1.7	1	25,7
	FRONTIERS IN MARINE SCIENCE	3.7	1	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	1	
	NATURAL HAZARDS	3.7	1	
	RENEWABLE ENERGY	8.7	1	
11	**Onea F**, Rusu E, 2019. *An assessment of wind energy potential in the Caspian Sea*. Energies 12(13), 2525, https://doi.org/10.3390/en12132525, WOS:000477034700067 **este citată în:**			
	ENERGIES	3.2	4	14,3
	METEOROLOGISCHE ZEITSCHRIFT	1.2	1	
	SUSTAINABILITY	3.9	1	
12	Rusu E, **Onea F**, 2019. *An assessment of the wind and wave power potential in the island environment*. Energy 175, 830-846, https://doi.org/10.1016/j.energy.2019.03.130, WOS:000466999400068 **este citată în:**			
	RENEWABLE ENERGY	8.7	7	80
	ENERGIES	3.2	3	
	ENERGY	9	2	
	ENERGY CONVERSION AND MANAGEMENT	10.4	2	
	ENERGY REPORTS	5.2	2	
	APPLIED SCIENCES-BASEL	2.7	1	
	CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY	4.3	1	
	INVENTIONS	3.4	1	
	JOURNAL OF MARINE SCIENCE AND APPLICATION	1.8	1	
	OCEAN ENGINEERING	5	1	
	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS	1.8	1	
	WIND ENGINEERING	1.5	1	
13	Rusu L, **Onea F**, 2019. *A study on the wind energy potential in the Romanian coastal environment*. JOURNAL OF MARINE SCIENCE AND ENGINEERING 7(5), 142, https://doi.org/10.3390/jmse7050142, WOS:000470965000022 **este citată în:**			
	ENERGY REPORTS	5.2	2	21,8
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	2	
	ENERGIES	3.2	1	
	IET RENEWABLE POWER GENERATION	2.6	1	
	INTERNATIONAL JOURNAL OF GLOBAL WARMING	0.9	1	

14	**Onea F**, Rusu L, 2018. *Evaluation of some state-of-the-art wind technologies in the nearshore of the Black Sea*. Energies 11(9), 2452 https://doi.org/10.3390/en11092452, WOS:000446604500273 **este citată în:**			
	RENEWABLE ENERGY	8.7	4	70,2
	INVENTIONS	3.4	2	
	ENERGIES	3.2	1	
	ENERGY	9	1	
	ENERGY REPORTS	5.2	1	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	1	
	OCEAN ENGINEERING	5	1	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	1	
	SUSTAINABILITY	3.9	1	
15	Rusu E, **Onea F**, 2018. *A review of the technologies for wave energy extraction*. CLEAN ENERGY 2(1), 10-19, https://doi.org/10.1093/ce/zky003 **este citată în:**			
	ENERGIES	3.2	14	264,61
	OCEAN ENGINEERING	5	10	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	9	
	RENEWABLE ENERGY	8.7	8	
	ENERGY CONVERSION AND MANAGEMENT	10.4	5	
	ATMOSPHERE	2.9	3	
	ENERGY	9	3	
	APPLIED SCIENCES-BASEL	2.7	2	
	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	7.3	2	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	2	
	SUSTAINABILITY	3.9	1	
	APPLIED ENERGY	11.2	1	
	APPLIED MATHEMATICAL MODELLING	5	1	
	APPLIED OCEAN RESEARCH	4.3	1	
	CONSTELACIONES	0	1	
	ENERGY CONVERSION AND MANAGEMENT X	6.3	1	
	ENERGY REPORTS	5.2	1	
	ENGINEER-JOURNAL OF THE INSTITUTION OF ENGINEERS SRI LANKA	0.3	1	
	FDMP-FLUID DYNAMICS & MATERIALS PROCESSING	1.3	1	
	FRONTIERS IN MARINE SCIENCE	3.7	1	
	IEEE ACCESS	3.9	1	
	IEEE ROBOTICS AND AUTOMATION LETTERS	5.2	1	

	IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS	4.4	1	
	JOURNAL OF CLEANER PRODUCTION	11.1	1	
	JOURNAL OF COASTAL RESEARCH	1.11	1	
	JOURNAL OF FLUID MECHANICS	3.7	1	
	JOURNAL OF MECHANICAL DESIGN	3.3	1	
	JOURNAL OF NAVAL ARCHITECTURE AND MARINE ENGINEERING	1.8	1	
	JOURNAL OF THE INDIAN SOCIETY OF REMOTE SENSING	2.5	1	
	LATVIAN JOURNAL OF PHYSICS AND TECHNICAL SCIENCES	0.6	1	
	MECHANICAL SYSTEMS AND SIGNAL PROCESSING	8.4	1	
	POLISH MARITIME RESEARCH	2	1	
	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT	1.8	1	
	PROTECTION AND CONTROL OF MODERN POWER SYSTEMS	11	1	
	SN APPLIED SCIENCES	2.6	1	
	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	8	1	
16	**Onea F**, Rusu E, 2018. *Sustainability of the reanalysis databases in predicting the wind and wave power along the European coasts*. Sustainability 10(193), https://doi.org/10.3390/su10010193, WOS:000425082600190 **este citată în:**			52,6
	RENEWABLE ENERGY	8.7	3	
	SUSTAINABILITY	3.9	2	
	ENERGIES	3.2	1	
	ENERGY	9	1	
	ENERGY REPORTS	5.2	1	
	MEDITERRANEAN MARINE SCIENCE	2.8	1	
	SCIENCE OF THE TOTAL ENVIRONMENT	9.8	1	
17	Rusu E, **Onea F**, 2017. *Joint evaluation of the wave and offshore wind energy resources in the developing countries*. Energies 10(11), 1866, https://doi.org/10.3390/en10111866, WOS:000417046500185 **este citată în:**			28,3
	ENERGIES	3.2	3	
	RENEWABLE ENERGY	8.7	3	
	INVENTIONS	3.4	1	
	OCEAN ENGINEERING	5	1	
18	**Onea F**, Rusu L, 2017. *A long-term assessment of the Black Sea wave climate*. Sustainability 9(10), 1875, https://doi.org/10.3390/su9101875, WOS:000414896200205 **este citată în:**			70
	JOURNAL OF OPERATIONAL OCEANOGRAPHY	3.1	2	
	OCEAN ENGINEERING	5	2	

	PURE AND APPLIED GEOPHYSICS	2	2	
	SUSTAINABILITY	3.9	2	
	WATER	3.4	2	
	APPLIED SCIENCES-BASEL	2.7	1	
	CONTINENTAL SHELF RESEARCH	2.3	1	
	DYNAMICS OF ATMOSPHERES AND OCEANS	1.7	1	
	ESTUARINE COASTAL AND SHELF SCIENCE	2.8	1	
	INTERNATIONAL JOURNAL OF CLIMATOLOGY	3.9	1	
	INVENTIONS	3.4	1	
	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	0.50	1	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	1	
	NATURAL HAZARDS	3.7	1	
	RENEWABLE ENERGY	8.7	1	
19	**Onea F**, Ciortan S, Rusu E, 2017. *Assessment of the potential for developing combined wind-wave projects in the European nearshore*. ENERGY & ENVIRONMENT, 28(5-6), 580-597 https://doi.org/10.1177/0958305X17716947, WOS:000411611400004 **este citată în:**			
	ENERGIES	3.2	5	
	RENEWABLE ENERGY	8.7	3	
	APPLIED SCIENCES-BASEL	2.7	1	
	DYNAMICS OF ATMOSPHERES AND OCEANS	1.7	1	
	ENERGY & ENVIRONMENT	4.2	1	68,21
	ENERGY REPORTS	5.2	1	
	FRONTIERS IN ENERGY RESEARCH	3.4	1	
	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF MECHANICAL ENGINEERING	1.3	1	
	JOURNAL OF COASTAL RESEARCH	1.11	1	
	MEDITERRANEAN MARINE SCIENCE	2.8	1	
	RENEWABLE ENERGY AND WILDLIFE CONSERVATION	0	1	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	1	
20	Rusu L, **Onea F**, 2017. *The performances of some state of the art wave energy converters in locations with the worldwide highest wave power.* Renewable & Sustainable Energy Reviews, 75, 1348-1362, https://doi.org/10.1016/j.rser.2016.11.123, WOS:000401395000107 **este citată în:**			
	RENEWABLE ENERGY	8.7	12	
	ENERGY	9	10	179,7
	OCEAN ENGINEERING	5	9	
	ENERGIES	3.2	7	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	5	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	4	

	IET RENEWABLE POWER GENERATION	2.6	3	
	SUSTAINABILITY	2.6	2	
	APPLIED ENERGY	11.2	2	
	JOURNAL OF OCEAN ENGINEERING AND MARINE ENERGY	1.9	2	
	APPLIED SCIENCES-BASEL	2.7	1	
	DYNA	1	1	
	ENERGY EXPLORATION & EXPLOITATION	2.7	1	
	IEEE ACCESS	3.9	1	
	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	7.3	1	
	INTERNATIONAL JOURNAL OF NAVAL ARCHITECTURE AND OCEAN ENGINEERING	2.2	1	
	INTERNATIONAL JOURNAL OF OFFSHORE AND POLAR ENGINEERING	0.8	1	
	INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH	1	1	
	INTERNATIONAL JOURNAL OF SUSTAINABLE ENERGY	3.1	1	
	JOURNAL OF MECHANICAL DESIGN	3.3	1	
	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	2.5	1	
	JOURNAL OF THE INDIAN SOCIETY OF REMOTE SENSING	2.5	1	
	JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE A	3.2	1	
	PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-ENERGY	1.1	1	
	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M	1.8	1	
	SUSTAINABLE ENERGY & FUELS	5.6	1	
21	Rusu E, **Onea F**, 2016. *Study on the influence of the distance to shore for a wave energy farm operating in the central part of the Portuguese nearshore.* Energy Conversion and Management 114, 209-223, https://doi.org/10.1016/j.enconman.2016.02.020, WOS:000372676200019 **este citată în:**			87,9
	ENERGIES	3.2	3	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	3	
	APPLIED ENERGY	11.2	2	
	RENEWABLE ENERGY	8.7	2	
	SUSTAINABILITY	11.2	2	
	WATER	3.4	2	
	OCEAN & COASTAL MANAGEMENT	4.6	1	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	1	
	SCIENCE OF THE TOTAL ENVIRONMENT	9.8	1	
22	**Onea F**, Rusu E, 2016. *Efficiency assessments for some state of the art wind turbines in the coastal environments of the Black and the Caspian seas.* ENERGY EXPLORATION & EXPLOITATION, 34 (2), 217-234, https://doi.org/10.1177/0144598716629872, WOS:000371611300003 **este citată în:**			76,2
	RENEWABLE ENERGY	8.7	4	
	ENERGIES	3.2	3	

	APPLIED SCIENCES-BASEL	2.7	2	
	EARTH-SCIENCE REVIEWS	12.1	1	
	FRONTIERS IN ENERGY RESEARCH	3.4	1	
	INVENTIONS	3.4	1	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	1	
	OCEAN SYSTEMS ENGINEERING-AN INTERNATIONAL JOURNAL	0.9	1	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	1	
	SUSTAINABILITY	3.9	1	
	WORLD JOURNAL OF SCIENCE TECHNOLOGY AND SUSTAINABLE DEVELOPMENT	2.1	1	
23	**Onea F**, Rusu E, 2016. *The expected efficiency and coastal impact of a hybrid energy farm operating in the Portuguese nearshore.* Energy, 97, 411–423, https://doi.org/10.1016/j.energy.2016.01.002, WOS:000371841100035 **este citată în:**			
	RENEWABLE ENERGY	8.7	6	
	ENERGIES	3.2	2	
	ENERGY	9	2	
	APPLIED ENERGY	11.2	1	67,7
	ENERGY EXPLORATION & EXPLOITATION	2.7	1	
	ENERGY REPORTS	5.2	1	
	EUROPEAN PLANNING STUDIES	2.8	1	
	OCEAN ENGINEERING	5	1	
	SUSTAINABILITY	3.9	1	
24	Rusu E, **Onea F**. 2016. *Estimation of the wave energy conversion efficiency in the Atlantic Ocean close to the European islands*. Renewable Energy 85, 687–703, https://doi.org/10.1016/j.renene.2015.07.042, WOS:000363344800067 **este citată în:**			
	ENERGIES	3.2	12	
	ENERGY	9	8	
	RENEWABLE ENERGY	8.7	8	
	OCEAN ENGINEERING	5	6	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	4	
	INTERNATIONAL JOURNAL OF SUSTAINABLE ENERGY	3.1	3	199,31
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	3	
	APPLIED SCIENCES-BASEL	2.7	2	
	SUSTAINABILITY	3.9	2	
	COGENT ENGINEERING	1.9	1	
	CONTROL ENGINEERING PRACTICE	4.9	1	
	DYNA	1	1	
	DYNAMICS OF ATMOSPHERES AND OCEANS	1.7	1	

	EARTH AND PLANETARY SCIENCE LETTERS	5.3	1	
	ENERGY CONVERSION AND MANAGEMENT	10.4	1	
	ENERGY FOR SUSTAINABLE DEVELOPMENT	5.5	1	
	FRONTIERS IN MARINE SCIENCE	3.7	1	
	GEOMORPHOLOGY	3.9	1	
	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	4.61	1	
	JOURNAL OF CLEANER PRODUCTION	11.1	1	
	MARINE GEOLOGY	2.9	1	
	MARINE POLICY	3.8	1	
	PLOS ONE	3.7	1	
	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M	1.8	1	
	SCIENCE OF THE TOTAL ENVIRONMENT	9.8	1	
	SENSORS	3.9	1	
25	Rusu L, **Onea F**, 2015. *Assessment of the performances of various wave energy converters along the European continental coasts*. Energy 82, 889–904, https://doi.org/10.1016/j.energy.2015.01.099, WOS:000351788700079 **este citată în:**			
	RENEWABLE ENERGY	8.7	15	
	ENERGY	9	10	
	OCEAN ENGINEERING	5	5	
	ENERGIES	3.2	4	
	SUSTAINABILITY	3.9	4	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	3	
	INTERNATIONAL JOURNAL OF SUSTAINABLE ENERGY	3.1	2	
	SENSORS	3.9	2	
	ANNALES GEOPHYSICAE	1.9	1	170,4
	APPLIED SCIENCES-BASEL	2.7	1	
	COASTAL ENGINEERING	4.4	1	
	COGENT ENGINEERING	1.9	1	
	DYNA	1	1	
	DYNAMICS OF ATMOSPHERES AND OCEANS	1.7	1	
	ENERGY & ENVIRONMENT	4.2	1	
	ENERGY EXPLORATION & EXPLOITATION	2.7	1	
	ENERGY REPORTS	5.2	1	
	IEEE ACCESS	3.9	1	
	IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING	5.6	1	
	JOURNAL OF COASTAL CONSERVATION	2.1	1	

	JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI	0.6	1	
	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	2.5	1	
	POLISH POLAR RESEARCH	1.3	1	
	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M	1.8	1	
	REGIONAL STUDIES IN MARINE SCIENCE	2.1	1	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	1	
	REVISTA IBEROAMERICANA DE AUTOMATICA E INFORMATICA INDUSTRIAL	1.5	1	
	SYMMETRY-BASEL	2.7	1	
26	**Onea F**, Raileanu A, Rusu E, 2015. *Evaluation of the wind energy potential in the coastal environment of two enclosed seas*. Advances in Meteorology 808617, https://doi.org/10.1155/2015/808617, WOS:000356713100001 **este citată în:**			
	RENEWABLE ENERGY	8.7	4	91,9
	OCEAN ENGINEERING	5	2	
	ADVANCES IN METEOROLOGY	2.9	1	
	APPLIED SCIENCES-BASEL	2.7	1	
	ENERGIES	3.2	1	
	ENERGY CONVERSION AND MANAGEMENT	10.4	1	
	FRONTIERS IN MARINE SCIENCE	3.7	1	
	FRONTIERS IN ENERGY RESEARCH	3.4	1	
	INVENTIONS	3.4	1	
	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	1	
	OCEAN SYSTEMS ENGINEERING-AN INTERNATIONAL JOURNAL	0.9	1	
	OCEANOLOGICAL AND HYDROBIOLOGICAL STUDIES	0.9	1	
	REMOTE SENSING	5	1	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	1	
	SUSTAINABILITY	3.9	1	
27	Zanopol AT, **Onea F**, Rusu E, 2014. *Coastal impact assessment of a generic wave farm operating in the Romanian nearshore*. Energy 72, 652-670, https://doi.org/10.1016/j.energy.2014.05.093, WOS:000340321100062 **este citată în:**			
	ENERGIES	3.2	5	82,3
	RENEWABLE ENERGY	8.7	3	
	APPLIED SCIENCES-BASEL	2.7	1	
	COASTAL ENGINEERING	4.4	1	
	ENERGY EXPLORATION & EXPLOITATION	2.7	1	
	FRONTIERS IN MARINE SCIENCE	3.7	1	
	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	0.50	1	
	JOURNAL OF MARINE SCIENCE AND TECHNOLOGY-TAIWAN	0.5	1	

	JOURNAL OF MARINE SCIENCE AND ENGINEERING	2.9	1	
	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	2.5	1	
	OCEAN SYSTEMS ENGINEERING-AN INTERNATIONAL JOURNAL	0.9	1	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	1	
	SCIENCE OF THE TOTAL ENVIRONMENT	9.8	1	
	SUSTAINABILITY	3.9	1	
28	**Onea F**, Rusu E, 2014. An *evaluation of the wind energy in the north-west of the Black Sea*. International Journal of Green Energy 11 (5), 465-487, http://dx.doi.org/10.1080/15435075.2013.773513, WOS:000326919500003 **este citată în:**			
	RENEWABLE ENERGY	8.7	4	
	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	0.50	3	
	INTERNATIONAL JOURNAL OF GREEN ENERGY	3.3	2	
	INVENTIONS	3.4	2	
	RENEWABLE & SUSTAINABLE ENERGY REVIEWS	15.9	2	
	APPLIED SCIENCES-BASEL	2.7	1	
	ENERGIES	3.2	1	
	ENERGY	9	1	110,4
	ENERGY CONVERSION AND MANAGEMENT	10.4	1	
	ENERGY SCIENCE & ENGINEERING	3.8	1	
	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2.9	1	
	JOURNAL OF OPERATIONAL OCEANOGRAPHY	3.1	1	
	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	2.5	1	
	MEDITERRANEAN MARINE SCIENCE	2.8	1	
	OCEAN ENGINEERING	5	1	
	REMOTE SENSING	5	1	
	REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE ELECTROTECHNIQUE ET ENERGETIQUE	0.7	1	
	ROMANIAN JOURNAL OF PHYSICS	1.5	1	
29	**Onea F**, Rusu E. 2014. *Wind energy assessments along the Black Sea basin*. Meteorological Applications, 21(2), 316-329 https://doi.org/10.1002/met.1337, WOS:000334790500020 **este citată în:**			
	ENERGIES	3.2	2	
	ENERGY	9	2	
	PURE AND APPLIED GEOPHYSICS	2	2	95,5
	REMOTE SENSING	5	2	
	SUSTAINABILITY	3.9	2	
	APPLIED SCIENCES-BASEL	2.7	1	
	DYNAMICS OF ATMOSPHERES AND OCEANS	1.7	1	

	ENERGY EXPLORATION & EXPLOITATION	2.7	1	
	ESTUARINE COASTAL AND SHELF SCIENCE	2.8	1	
	FRONTIERS IN MARINE SCIENCE	3.7	1	
	INDIAN JOURNAL OF GEO-MARINE SCIENCES	0.5	1	
	INTERNATIONAL JOURNAL OF CLIMATOLOGY	3.9	1	
	INVENTIONS	3.4	1	
	JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY	0.50	1	
	JOURNAL OF RENEWABLE AND SUSTAINABLE ENERGY	2.5	1	
	MEDITERRANEAN MARINE SCIENCE	2.8	1	
	REMOTE SENSING OF ENVIRONMENT	13.5	1	
	RENEWABLE ENERGY	8.7	1	