

UNIVERSITATEA POLITEHNICA DIN BUCURESTI

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR CNATDCU COMISIA 13 INGINERIE AEROSPAȚIALĂ, AUTOVEHICULE ȘI TRANSPORTURI

Prof.dr.ing. ROȘCA EUGEN

Condiții	Îndeplinire condiții	
A. Doctor	Diploma de Doctor în domeniul Transporturi, din 2005 emisa de Universitatea Politehnica din București, Nr. 159/06.05.2005	
B. Îndeplinirea standardelor minime naționale conform OMECTS nr. 6560/20.12.2012; MO, I, 890 si 890bis/27.12.2012;	Standarde îndeplinite, conform Comisiei CNATDCU Nr. 13, "Inginerie aerospațială, autovehicule și transporturi" Anexată: Fișa de calcul și de susținere a îndeplinirii standardelor minime specifice domeniului, în acord cu realizările menționate:	
Condiții minime [Punctaj]	Minim prevăzut	Realizat
A1. Activitatea didactică și profesională	180	260,14
A2. Activitatea de cercetare	200	503,45
A3. Recunoașterea și impactul activității	100	276,72
TOTAL (A)	480	1040,31
Condiții minime obligatorii pe subcategorii [Număr]	Minim prevăzut	Realizat
A.1.1.1. Cărți și capitole în cărți de specialitate	4	6
A.1.2.1. Manuale didactice	2	3
A.1.2.2. Îndrumare de laborator / aplicații	2	4
A. 2.1.2. Articole în reviste cotate și în proceedings indexate ISI Thomson Reuters și brevete de invenții	11 / 60 pct	29 / 178,26 pct
A. 2.1.2. Articole în reviste și în volume ale unor manifestări științifice indexate în alte baze de date internaționale	5 / 30 pct	14 / 84,96 pct
A. 2.1.4. Granturi/proiecte câștigate prin competiție/de cercetare/cu mediul economic (director / responsabil)	2	5
A. 3.1. Citări în reviste ISI și BDI	40 pct	85,72 pct
C. Atestarea studiilor (diploma + Foi Matricole) și a altor realizari profesionale	Diploma de Licență , în domeniul Tehnica Transporturilor Nr. K1225 din 13.06.1993 emisă de Universitatea Politehnica din București Diplomă de Studii Aprofundate / Master , Specializarea ...Nr.....dinemisă de Universitatea..... <hr/> Alte Diplome - Diplomă de doctor <hr/> Alte Certificate <hr/> Alte Acte de atestare a studiilor/realizărilor profesionale	

Subsemnatul Roșca Eugen, candidat la concursul pentru abilitare 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 lege pentru înscrierea la concurs. Susțin veridicitatea informațiilor prezentate în dosar și în materialul de mai sus. Lucrările considerate a fi incluse în Baza ISI Thomson Reuters sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la aceasta dată.

Candidat,
(semnatura)

Data

30.03.2021

1. Activitatea didactică și profesională (A1) –Minim: 180; Realizat: 272,14

1.1	Cărți și capitole în cărți de specialitate				pi	ai	39,95
	1.1.1	Carti/ capitole, ca autor					
		1.1.1.2	Naționale: pi/(5*ai) – minim 4				39,95
			1	Roșca, E., Baze de date, Ed. Fair Partners, București, 2001, ISBN 973-99984-7-x, 135 pag.	135	1	27
			2	Cataramă I., Ghiță E., Roșca E., Burciu Șt., Mașini de ridicat și utilaje de construcții și transport, Ed. Academiei Oamenilor de Stiinta din Romania, București, 2011, ISBN 978-606-8371-51-1, 72 pag.	72	4	3,6
			3	Bivolaru, I., Dragu, V., Popa, M., Rosca, E., Reingineria în transporturi, Ed. Printech, Bucuresti, 2002, ISBN 973-652-581-3, 133 pag.	133	4	6,65
			4	Roșca, E., Cars Exhaust Emissions in transport sensitive areas. A simulation study in Sinaia mountain resort, Advances in Engineering: from Theory to Application, Eds. E. Andronescu, C. Burileanu, Politehnica Press, 343-348, 2012, ISBN 978-606-515-381-3, 6 pag.	6	1	1,2
			5	Raicu, Ș., Roșca, E., Asupra distribuției containerelor între terminalele de transport și beneficiari, în Concepte intermodale în transporturi, Ed. AGIR, pag. 165-173, București, 2006, ISBN 9737200454, 9 pag.	9	2	0,9
			6	Raicu, Ș., Roșca, E., Optimizarea manipulării containerelor în terminale de transport, în Concepte intermodale în transporturi, Ed. AGIR, pag. 227-232, București, 2006, ISBN 9737200454, 6 pag.	6	2	0,6

1.2	Material didactic / Lucrări didactice						40,19	
	1.2.1	Manuale didactice /monografii: pi/(10*ai) -minim 2				pi	ai	30,09
		1	Raicu Ș., Roșca E., Burciu Șt., Teoria informației și coduri, Ed. AGIR, București, 2012, ISBN 978-973-720-416-5, 172 pag.			172	3	5,73
		2	Târcolea, C., Câșlaru, C., Roșca, E., Statistică matematică, teoria informației și coduri, Ed. Fair Partners, București, 2003, ISBN 973-8470-13-7, 176 pag.			176	3	5,86
		3	Roșca Eugen, Modelarea și simularea sistemelor de trafic, Ed. Printech, București, 2016, ISBN 978-606-23-0655-7, 185 pag.			185	1	18,5
	1.2.2	Indrumătoare de laborator/aplicații: pi/(20*ai) – minim 2						10,10
		1	Roșca, E., Teoria informației și coduri – culegere de probleme, Ed. Fair Partners, București, 2000, ISBN 973-99439-7-7, 98 pag.			98	1	4,9
		2	Roșca E., Ruscă F., Informatică și Cibernetică în Transporturi - îndrumar de laborator, CreateSpace Independent Publishing, 2013, ISBN 1482063573, 46 pag.			46	2	1,15
		3	Rosca M., Rosca E., Rusca F., Tehnici de programare, Ed. Printech, București, 2015, ISBN 9786062303822, 120 pag.			120	3	2
		4	Rusca, F, Rosca, E., Rosca, M.A., Programarea calculatoarelor- îndrumar de laborator , Ed. PRINTECH, București, ISBN , 978-606-23-1107-0, 123 pg, 2020			123	3	2,05

1.3	Organizare și coordonare de programe de studii				90	
	1.3.1	Membri: 3*ani			90	
		1	Program de studii de licență Ingineria transporturilor și a traficului		27 ani	81
		2	Program studii de master Management în transporturi		3 ani	9

1.4	Conducere proiecte de diplomă, disertație: max 50	50
	Conducere proiecte de diplomă/licență, anual, min. 7 stud./an, din 1994	50

1.5	Introducere discipline noi	52/max 40
1.5.1	Discipline noi (10)	30
	1 Disciplina Baze de date in programul de studii Ingineria transporturilor și a traficului, 2000	10
	2 Disciplina Management și marketing în transporturi, din anul 2012 în programul de studii Ingineria transporturilor și a traficului	10
	3 Disciplina Modelarea și simularea cu calculatorul, din anul 2018 în programul de studii de master Logistica transporturilor	10
1.5.2	Lucrări noi de laborator (2/lucrare)	22
	1 Lucrări de laborator la disciplina Informatică și cibernetică în transporturi (7 lucrări)	14
	2 Proiect Informatică și cibernetică în transporturi (4 lucrări/capitole)	8

2.Activitatea de cercetare stiintifica (A2) – Minim: 200, Realizat: 503,45

2.1	Articole in extenso in reviste cotate si in proceedings indexate ISI Thomson Reuters (25+20*fi)/ai – minim 11/60 pct.	178,26
	1 Raicu, S., Rosca,E., Costescu, D., <i>Resilience of Urban Technical Networks</i> . Entropy 2019, 21, 886, WOS: 000489176800070, IF 2,49 , WOS: 000489176800070 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=F5ItmQVY6e6chgPu6I4&page=1&doc=1	3 24,93
	2 F. Ruscă, M. Popa, E. Roșca, A. Ruscă, M. Roșca, O. Dinu, <i>Assessing The Transit Capacity Of Port Shunting Yards Through Discrete Simulation</i> , Transport Problems, 14(4), 2019, WOS: 000496814100009 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=1	5 5
	3 Dragu, V., Rosca, E., Rusca, F., Rusca, A., Roman, Roman, E. A., <i>Solutions for the port facilities development</i> , 6th International Conference on Modern Technologies in Industrial Engineering (ModTech), 2018, WOS: 000461147400187 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=26&cacheurlFromRightClick=no	6 4,16
	4 Rusca, F., Rosca, E., Popa, M., Rusca, A., Rosca, M., <i>The Failure Analysis Of Handling Process In Maritime Container Terminal</i> , Proceeding of the International Conference on Traffic and Transport Engineering (ICTTE), (Ed.) Cokorilo, O, 298-304, 2018, WOS: 000542956800039, https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=3	5 5
	5 Rusca, F., Rosca, E., Costescu, D., Rusca, A., Rosca, M., Olteanu, S., <i>The influence of storage area design on maritime container terminal capacity</i> , 6th International Conference on Modern Technologies in Industrial Engineering (ModTech) Location: Constanta Maritime Univ, Constanta, ROMANIA Date: JUN 13-16, 2018, 8 pp, WOS: 000461147400197 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=27&cacheurlFromRightClick=no	6 4,16
	6 Dinu, O., Rosca, E., Dragu, V., Rosca, M., Ilie, A., <i>Optimization of the transfer function through handling productivity control in port container terminals</i> , 11th International Conference Interdisciplinarity In Engineering, Inter-Eng 2017 Book Series: Procedia Manufacturing Volume: 22 Pages: 856-863, 2018, WOS:000456199200119 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=28&cacheurlFromRightClick=no	5 5
	7 Rusca, F., Popa, M., Rosca, E., Rosca, M., Rusca, A., <i>Simulation Model For Maritime Container Terminal</i> , Transport Problems, Volume: 13, Issue: 4, Pages: 47-54, 2018, WOS:000453319700005, https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=2	5 5

8	Dinu, O., Rosca, E., Popa, M., Rosca, M.A., Rusca, A., <i>Assessing materials handling and storage capacities in port terminals</i> , Modtech International Conference - Modern Technologies In Industrial Engineering V, Book Series: IOP Conference Series-Materials Science and Engineering , Volume: 227, 2017, WOS:000409221600039 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=40&cacheurlFromRightClick=no	5	5
9	Popa, M., Rosca, E., Rusca, F., Costescu, D., Dragu, V., <i>Transit Time Through The Border-Crossing Points: The Case Study Of The Eu's Road Bcp With Moldavia</i> , Transport Problems, Volume: 11, Issue: 2, Pages: 79-89, 2016, WOS:000409340700008, https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=4	5	5
10	Rusca, A., Popa, M., Rosca, E., Rosca, M., Dragu, V., Rusca, F., <i>Simulation model for port shunting yards</i> , Modtech International Conference - Modern Technologies In Industrial Engineering IV, PTS 1-7, Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 145, 2016, WOS:000396437600133 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=45&cacheurlFromRightClick=no	6	4,16
11	Ilie, A., Oprea, C., Costescu, D., Rosca, E., Dinu, O., Ghionea, F., <i>The use of the bicycle compatibility index in identifying gaps and deficiencies in bicycle networks</i> , 20th Innovative Manufacturing Engineering And Energy Conference (IMANEE 2016), pag, 1-8, 2016, WOS: 000391131300096 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=46&cacheurlFromRightClick=no	6	4,16
12	Oprea, C., Rosca, E., Popa, M., Ilie, A., Dinu, O., Rosca, M., <i>The quality of service in passenger transport terminals</i> , 20th Innovative Manufacturing Engineering And Energy Conference (IMANEE 2016), pag. 1-9, 2016, WOS: 000391131300097 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=47&cacheurlFromRightClick=no	6	4,16
13	E. Rosca, M. Popa, V. Dragu, D. Costescu, A. Rusca, S Burciu, <i>Acidifying Emissions Increasing Due To Road Traffic Congestion</i> , Proceedings of the International Conference on Traffic and Transport Engineering, Belgrade, 2016, pg.476-484, ISBN 978-86-916153-3-8, WOS: 000391016300067, https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=5	6	4,16
14	Burciu, S., Popa, M., Rosca, E., Rusca, F., Costescu, D., <i>Location of Production Facilities in the Framework of Sustainable Development</i> , 9TH International Conference Interdisciplinarity In Engineering, Inter-Eng 2015, Book Series: Procedia Technology, Volume: 22, ISSN: 2212-0173, Pages: 274-281, 2016, WOS:000383949300039 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=50&cacheurlFromRightClick=no	5	5
15	Burciu S., Stefanica C., Rosca E., Dragu V., Rusca F., <i>Location of an intermediate hub for port activities</i> , Modern Technologies In Industrial Engineering (Modtech2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, 6 pages, DOI: 10.1088/1757-899X/95/1/012064, WOS:000365128900064 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=60&cacheurlFromRightClick=no	5	5
16	Eugen Roșca, Popa Mihaela, Florin Ruscă, Ștefan Burciu, <i>Testing market informational efficiency of Constantza Port Operators</i> , Modern Technologies In Industrial Engineering (MODTECH2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, 6 pages, Article Number: 012065 DOI: 10.1088/1757-899X/95/1/012065, Published: 2015, WOS:000365128900065 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=61&cacheurlFromRightClick=no	4	6,25

17	Rusca F., Rosca. E, Rusca A., Rosca M., Burciu S., <i>The influence of transport network vulnerability for maritime ports</i> , Modern Technologies In Industrial Engineering (Modtech2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, 6 pages, DOI: 10.1088/1757-899X/95/1/012080, WOS:000365128900080 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=62&cacheurlFromRightClick=no	5	5
18	Rusca, F., Rosca, E., Rusca, A., Rosca, M., Burciu, S., <i>Park And Ride Solution, A Method To Promote Sustainable Mobility</i> , Conference: 7th International Conference of Management and Industrial Engineering (ICMIE 2015) on Management - the Key Driver for Creating Value Location: Univ Politehn Bucharest, Bucharest, 2015, WOS:000448633100075 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=65&cacheurlFromRightClick=no	5	5
19	Rosca E., Costescu D., Rusca F., Burciu S., <i>Assessing The Effect Of Traffic Congestion On Greenhouse Gas Emissions</i> , Proceedings Of The Second International Conference On Traffic And Transport Engineering (ICTTE), Pages: 979-987, 2014, WOS:000348569200120 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=9	4	6,25
20	Rosca E., Rusca F., Rosca M., <i>How Green Are The Traffic Calming Methods?</i> , <i>Metalurgia International</i> , Volume: 18 Issue: 4 Pages: 110-115, IF 0.134 , Published: 2013 WOS:000315177400024 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=76&cacheurlFromRightClick=no	3	9,22
21	Popa M., Raicu S., Rosca E., <i>Environmental criteria and decision-making model related to urban street network investments</i> , 7th International Conference Environmental Engineering, VOLS 1-3 Pages: 1193-1198 Published: 2008, WOS:000257946100180 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=104&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=1&cacheurlFromRightClick=no	3	8,33
22	Rosca, E., Raicu, S., Rosca, M., Burciu, S., <i>Transshipment Modeling and Simulation of Container Port Terminals</i> , Modern Technologies In Industrial Engineering, Book Series: Advanced Materials Research, Volume: 837, Pages: 786-791, DOI: 10.4028/www.scientific.net/AMR.837.786, Published: 2014, WOS:000337000500135 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=107&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=1&cacheurlFromRightClick=no	4	6,25
23	Popa M., Raicu S., Rosca E., Costescu D., <i>Optimal planning for developing, modernizing and maintaining the street infrastructure of dense and large urban areas</i> , Urban Transport XIII: Urban Transport And The Environment In The 21st Century, Book Series: Wit Transactions On The Built Environment, Volume: 96, Pages: 471-480, Published: 2007, WOS:000257236400044 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=10	4	6,25
24	Raicu R., Raicu S., Rosca E., <i>A solution for the optimisation of freight transport in urban areas</i> , Urban Transport XII: Urban Transport and the Environment in the 21st Century, Book Series: Wit Transactions On The Built Environment, Volume: 89 Pages: 349-358, DOI: 10.2495/UT060341, Published: 2006, WOS:000241496400035 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=11	3	8,33
25	Dinu, O., Rosca, E., Rusca, F., <i>Inland waterway ports characteristics relevant for classification methodology purpose</i> , Proceedings of 3rd International Conference on Maritime Technology and Engineering, MARTECH 2016 , pp. 53-60, WOS: 000588357400007 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=General Search&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=6	3	8,33

26	F. Rusca, M. Popa, E. Rosca, M. A. Rosca, A. Rusca, <i>Capacity analysis of storage area in a maritime container terminal</i> , Maritime Technology and Engineering III, Proceedings of the 3rd International Conference on Maritime Technology and Engineering (MARTECH 2016, Lisbon, Portugal, 4-6 July 2016), Edited by Carlos Guedes Soares and T. A. Santos, RC Press 2016, Pages 99–104, WOS: 000588357400012 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=7	5	5
27	Ruscă, F., Raicu, S., Rosca, E., Rosca, M., Burciu, Ș., <i>Risk assessment for dangerous goods in maritime transport, Towards Green Marine Technology and Transport - Proceedings of the 16th International Congress of the International Maritime Association of the Mediterranean</i> , IMAM 2015, Pages 669-674, WOS: 000505749600077 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=8	5	5
28	Rusca, F., Rusca, A., Rosca, E., Rosca, M., Dinu, O., Ghionea, F., <i>Algorithm for traffic allocation when are developed park and ride facilities</i> , 12th International Conference Interdisciplinarity In Engineering (INTER-ENG 2018), Edited by: Moldovan, L; Gligor, A, Procedia Manufacturing, Volume: 32 Pages: 936-943, WOS: 000471295800131 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=20&cacheurlFromRightClick=no	6	4,16
29	Rusca, A., Rusca, F., Rosca, E., Dragu, V., Rosca, M., <i>Improving capacity of port shunting yard</i> , Progress in Maritime Technology and Engineering - Proceedings of the 4th International Conference on Maritime Technology and Engineering, MARTECH 2018, 35-42, WOS: 000467268100005 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=1&doc=25&cacheurlFromRightClick=no	5	5

2.3.	Articole publicate in reviste nationale si volume ale unor manifestari stiintifice, indexate in BDI recunoscute de comisia CNATDCU – minim 30 pct/minim 5 art. (20p/ai)		84,96
1	Dragu V., Burciu S., Rosca E., Ruscă F., <i>Intervention Opportunity Model Within Transport Studies</i> , U.P.B. Scientific Bulletin, 2015, 77/1, Pag. 97-104, Index SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-84926442951&origin=resultslis	4	5
2	E. Roșca, Ș. Raicu, M. Roșca, F. Ruscă, <i>Risks and reliability Assessment in Maritime Port Logistics</i> , în Modern Technologies in Industrial Engineering II – Advanced Materials Research, vol. 1036, Eds. Cărăușu C. et al., Trans tech Publications Ltd., Switzerland, 2014, ISSN 1022-6680, pag. 963-968, Index SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-84922390448&origin=resultslis	4	5
3	Popa Mihaela, Raicu S, Costescu D, Rosca E. <i>Influence of the freight transnational rail liner service on the train scheduling in case of major corridors</i> , Transport Problems, ISSN 1896-0596, vol.8, issue 9, 2013, p. 93-100 Index SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-84890382690&origin=resultslis	4	5
4	Popa Mihaela, Rosca E, Rusca V.R. <i>On Transport Network Reliability</i> , Transport Problems, ISSN 1896-0596, Volume: 7; Issue: 3; 2012, pg 127-134, Index SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-84875490281&origin=resultslis	3	6,66
5	Raicu, S., Costescu, D., Roșca, E., Popa Mihaela. <i>Optimal planning of selective waste collection, Sustainable Development and Planning</i> , Edited by: C.A. BREBBIA and E. BERIATOS, Book Series: WIT Transactions on Ecology and the Environment, WIT Press, Southampton, U.K., ISBN: ISBN: 978-1-84564-544-1, pp. 785-796, 2011, Index SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-84865548028&origin=resultslis	4	5
6	Carlan V., Rosca E., Rosca M., <i>Urban and peri-urban passenger transport integration through hub-and-spoke-network</i> , in Theoretical and Empirical Researches in Urban Management, Volume 9 Issue 1/February 2014, pag. 74-84, ISSN 2065-3913, Index SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-84893718794&origin=resultslis	3	6,66
7	Popa Mihaela, Raicu, Ș., Roșca, E., <i>Financial and Technical Issues of Ramnicu Valcea - Valcele Rail Connection</i> , Annals of the University of Petroșani, Mechanical Engineering, 14 (2012), 3-4, ISSN 1454-9166, Ed. Universitas, Petrosani, pp.153-163, Index Ulrich's, EBSCO, SCIRIUS, Scipio, Suweco https://www.upet.ro/annals/mechanical/2012.php	3	6,66

8	Rosca, E., Rusca, A., Ilie, A., Rusca, F., <i>Non-Motorized Transportation. An Educational Challenge For Urban Communities</i> , Theoretical and Empirical Research in Urban Management (TERUM), 17(8)/2010, pag. 2065- 3913, ISSN 2065-3913, Index SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-79959645916&origin=resultslist	4	5
9	Ghionea, F., Rosca, E., <i>Optimum Number of Vehicles in a Group Used in Public Transport Program</i> , University Politehnica of Bucharest Scientific Bulletin, series D, pag. 71-78, 64(1)/2002, Indexed SCOPUS https://www.scopus.com/record/display.uri?eid=2-s2.0-84887457379&origin=resultslist	2	10
10	Raicu Ș., Roșca E., Ruscă F., <i>Vulnerability of Trans-Carpathian Road Network</i> , University of Pitești Scientific Bulletin, Automotive series, no. 19/2009, vol. B, paper 23, Index COPERNICUS https://automotive.upit.ro/index_files/Year_2009_B_.htm	3	6,66
11	Olteanu S., Rusca F., Rosca M., Rosca E., <i>The Optimal Allocation of Unloading/Loading Ramps in Distribution Centers</i> , Applied Mechanics and Materials, Vols. 809-810, pp. 1366-1371, 2015, Index Scientific NET, Crossref https://www.scientific.net/AMM.809-810.1366	4	5
12	Dragu V., Roșca E., Ruscă A., <i>Public Transport—Feasible Solution for Sustainable Urban Mobility</i> , Proceedings of the European Automotive Congress EAEC-ESFA 2015, pag. 419-429, Ed. Springer International Publishing, 2016, Index Springer https://link.springer.com/book/10.1007/978-3-319-27276-4	3	6,66
13	Raicu S., Popa M., Rosca E., Dragu V., <i>Reverse logistics and space allocation for recovery management in new urban settlements</i> , Theoretical and Empirical Researches in Urban Management 12 (Aug 2009): pag. 37-48, Index PROQUEST http://www.um.ase.ro/no12/nr12.htm	4	5
14	Popa M., Raicu Ș., Roșca E., <i>Decisions of hypermarkets location in dense urban area – effects on streets network congestion in the Bucharest</i> , Transport Problems, 4/2008, pag. 57-64, ISSN 1896-0596, Index DOAJ http://transportproblems.polsl.pl/pl/Archiwum/2008/zeszyt4/2008t3z4_00-2.pdf	3	6,66

2.4.	Articole publicate în reviste naționale și în volumele unor manifestări științifice naționale și internaționale neindexate: 5/ai		78,43
1	Roșca E., Roșca M., <i>Time Benchmarking In Urban Transport Quality</i> , Mechanics, Transport, Communications 3/2007, pag. 121-24, ISSN 1312-3823	2	2,5
2	E. Rosca, Popa Mihaela, F. Rusca. <i>The greening of the traffic calming methods</i> , Academic Journal Mechanics. Transport. Communications., Vol. 11, Issue 3/2013 Part 2, Proceedings of 21st International Scientific Conference "Transport 2013", Sofia, Bulgaria, pp. VIII- 21-26, ISSN 1312-3823, Scientific Indexing Services, Index ROAD, SIS	3	1,66
3	Roșca E., Popa Mihaela., Ruscă, F., Roșca M., <i>Evaluating vehicles emissions through traffic simulation</i> ; in Advances in Automatic Control; Nr. 35, 2014; pp. 158-163, ISBN: 978-960-474-383-4, the 16 th International Conference on Automatic Control, Modelling & Simulation (ACMOS'14)	4	1,25
4	F. Ruscă, E. Roșca, A. Ruscă, V. Dragu, Șt. Burciu, <i>Social Inequity Induced by Bucharest Road Network Vulnerability</i> , în ADVANCES in AUTOMATIC CONTROL - Proceedings of the 16th International Conference on Automatic Control, Modelling & Simulation (ACMOS '14), Brasov, Romania, June 26-28, 2014, Recent Advances in Electrical Engineering Series vol. 35, Eds. N. Mastorakis et al., ISSN: 1790-5117, pag. 221-225	5	1
5	Rosca, E. Rosca, F. Rusca, V. Carlan, <i>Computer Simulation for Operational Traffic Improvement in Urban Intersections</i> , in Advances in Automatic Control, Modelling&Simulation –Proceedings of the15th International Conference on Automatic Control, Modelling & Simulation (ACMOS '13, Brasov, June 1-3, 2013), Recent Advances in Electrical Engineering Series, Eds. V.M. Klein, M. Ciontu, V. Ciucur, vol. 13, pag. 98-102, 2013	4	1,25
6	F. Rusca, E. Rosca, M. Rosca, A. Rusca, <i>Queueing Systems with Non-Uniform Arrivals Applied to Estimate Services Quality in Passengers Transport Terminals</i> , in Advances in Automatic Control, Modelling&Simulation – Proceedings of the 15th International Conference on Automatic Control, Modelling & Simulation (ACMOS '13, Brasov, June 1-3, 2013), Recent Advances in Electrical Engineering Series, Eds. V.M. Klein, M. Ciontu, V. Ciucur, vol. 13, pag. 86-91, 2013	4	1,25

7	Dragu, V., Roșca, E., Rusca, F., <i>Service Quality in Terminals Joining Magistral and Urban Transport</i> , Proceedings of the XI World Congress "Towards More Attractive Urban Transportation" – CODATU, 22-24 Apr. 2004, Bucharest, Session 4, paper no.4 electronic version, 6 pag., Ed. CODATU- Cooperation for urban mobility in the developing world, 2004	3	1,66
8	Roșca, E., Ruscă, F., <i>Vulnerabilitatea rețelelor de transport din marile aglomerări urbane</i> , Buletinul AGIR, no. 4/2009, pag. 89-92, CNCSIS B+	2	2,5
9	Roșca, M., Roșca, E., <i>Capacitatea sistemelor de parcare</i> , Buletinul AGIR, pag. 127-130, 1-2/2005, CNCSIS B+	2	2,5
10	Roșca, E., Rusca, F., Panica, A., <i>Asupra calității servicii călătorilor în terminalele de transport</i> , Buletinul AGIR, pag. 121-125, 3/2004, CNCSIS B+	3	1,66
11	Roșca, E., <i>Ameliorarea calității servicii călătorilor în terminalele de transport</i> , Buletinul AGIR, pag. 43-51, 4/2001, CNCSIS B+	1	5
12	Rosca E., Raicu S., Popa M., <i>Collaboration in FLAVIA Project: Advantages for the Romanian Transport University Education and Research Area</i> , The 5th International Scientific Symposium of Transport Faculties - "Collaboration Creates Opportunities", Zilina, Slovakia, 2011, pag. 48-52, Ed. University of Zilina, Slovakia, Ed. University of Zilina, 2011	3	1,66
13	Rosca E., Rosca M., <i>Essential concepts of road traffic congestion</i> , Proceedings of the International Conference on Manufacturing Science and Education, Sibiu, June, 2011, pag. 483-486, Ed. Universitatii "Lucian Blaga" din Sibiu (Eds.:D. Duse, P. Brandasu), 2011, ISSN 1843 -2522	2	2,5
14	Roșca, E., Popa, M., Ruscă, F., <i>Reliability and Vulnerability of Transport Networks in Large Urban Areas</i> , in Mechanics, Transport, Communications, Proceedings of the International Conference Transport 2008, Sofia, Bulgaria, 7-8 Nov. 2008, vol. 3/. 2008, pag. 126-131, ISSN 1312-3823	3	1,66
15	Roșca, E., Ruscă, F., <i>Reliability and Vulnerability of Transport Networks</i> , Proceedings of the International Conference "Transportation and Land Use Interaction", Bucharest, 23-25 Oct. 2008, pag. 171-180, Editura Politehnica Press, Bucuresti, 2008, ISSN 1844-9050	2	2,5
16	Roșca, E., <i>Rail infrastructure access charge. An European overview</i> , Proceedings of the International Conference Transport 2006, Sofia, Bulgaria, 15-16 Nov. 2006, pag. III28-III31, University T. Kableshkov, Sofia, 2006, ISBN 954120130X	1	5
17	Raicu, Ș., Roșca, E., <i>Train Roster Optimisation in Bucharest Underground</i> , Proceedings of the IV International Conference "Challenges in Transportation and Communication", University of Pardubice, Czech Republic, 14-15 Sept. 2006, pag. 619-624, pag. 619-624, University of Pardubice, ISBN 8071948802	2	2,5
18	Rosca, M., Rosca, E., Obada, D., <i>Improving Containers Handling Operations through Genetic Algorithms</i> , Proceedings of the International Conference on Marine Technologies and Management – TEHNONAV 2004, Constantza, 27-29 May 2004, pag. 173-176, Universitatea „Ovidius” Constanța, ISSN -1223-7221, 2004	3	1,66
19	Raicu, S., Roșca, E., <i>Modele de simulare pe calculator pentru evaluarea fiabilității rețelelor</i> , Lucrările conferinței internaționale a Academiei de cibernetică "Stefan Odobleja", 26-27 Nov. 2004, Băile Felix, Eds. Academia de Cibernetică Stefan Odobleja si Universitatea din Oradea, ISSN 1582-6791	2	2,5
20	Roșca, E., Roșca, M., <i>Evaluarea duratelor de așteptare în intersecțiile semaforizate</i> , Lucrările conferinței internaționale a Academiei de cibernetică "Stefan Odobleja", 26-27 Nov. 2004, Băile Felix, Eds. Academia de Cibernetică Stefan Odobleja si Universitatea din Oradea, ISSN 1582-6791	2	2,5
21	Raicu, Ș., Roșca, E., Raicu, R., <i>Mathematical and Computer Model for the Optimization of Freight Transport in Urban Areas</i> , 7th International Conference on Computers in Urban Planning and Urban Management, 18-20 July 2001, Hawaii, USA, Proceedings on CD – electronic version	3	1,66
22	Raicu, Ș. Roșca, E., <i>Improving Handling Operations in Container Port Terminals</i> , Proceedings of the International Conference on Marine Technologies and Management - TEHNONAV 2000, pag. 335-340, Constantza, 1-3 June 2000	2	2,5
23	Roșca, E., Raicu, Ș., <i>Sisteme de servire în masă cu stații dispuse în rețea</i> , Lucrările conferinței internaționale a Academiei de cibernetică "Stefan Odobleja", 28-29 mai 1999, Băile Felix, , pag. 579-586, Ed. Europa Nova, 2000, ISBN 973-9183-90-5	2	2,5
24	Roșca, E., Dascălu, G., <i>Utilizarea rețelelor neuronale în rezolvarea problemei comisului voiajor</i> , Lucrările conferinței internaționale a Academiei de cibernetică "Stefan Odobleja", 28-29 mai 1999, Băile Felix, pag. 587-594, Ed. Europa Nova, 2000, ISBN 973-9183-90-5	2	2,5

25	Cataramă, I., Olaru, D., Roșca, E., <i>Caracteristici ale rețelelor și sistemelor de transport</i> , Lucrările conferinței internaționale a Academiei de cibernetică "Stefan Odobleja", 28-29 mai 1999, Băile Felix, pag. 455-464, Ed. Europa Nova, 2000, ISBN 973-9183-90-5	3	1,66
26	Ciobanu, E., Roșca, E., <i>Optimizarea ciclului sistemelor de dirijare a traficului</i> , Lucrările conferinței internaționale a Academiei de cibernetică "Stefan Odobleja", 28-29 mai 1999, Băile Felix, pag. 567-578, Ed. Europa Nova, 2000, ISBN 973-9183-90-5	2	2,5
27	Roșca, E., Popescu, V., <i>Commodities Delivering Systems from Maritime Ports to Customers</i> , Proceedings of the International Symposium on Marine Technologies and Management – TEHNONAV 1998, pag. 280-287, Constantza, 21-23 May 1998, Ed. Universitatea Ovidius Constanta, ISBN 9739367100	2	2,5
28	Popescu, V., Roșca, E., <i>Traffic Systems Optimisation through Computer Simulation</i> , Proceedings of the International Symposium on Marine Technologies and Management – TEHNONAV 1998, pag. 296-303, Constantza, 21-23 May 1998, Ed. Universitatea Ovidius Constanta, ISBN 9739367100	2	2,5
29	Raicu, Ș., Roșca, E., <i>Modelarea sistemelor de transport în vederea simulării numerice pe calculator</i> , Lucrările conferinței internaționale a Academiei de cibernetică "Stefan Odobleja", 17-19 Oct. 1996, Băile Felix, pag. 403-409, Ed. Europa Nova, 1997, ISBN 973-9183-530	2	2,5
30	Popa, M., Roșca, E., <i>Sisteme informatice pentru conducerea operativă a stațiilor de triaj</i> , Lucrările conferinței internaționale a Academiei de cibernetică "Stefan Odobleja", 17-19 Oct. 1996, Băile Felix, pag. 387-394, Ed. Europa Nova, 1997, ISBN 973-9183-530	2	2,5
31	E. Rosca, St. Burciu, A. Rusca, <i>Eficientizarea mijloacelor și a tehnologiilor de colectare a deșeurilor reciclabile sub aspectul transportului rutier</i> , Lucrarile editiei a VII-a a conferintei anuale „Zilele Academice ale A.S.T.R.”, Bucuresti, 11-12 octombrie 2012, pag. 226-234, Ed. AGIR (coord. S. Raicu), 2012, ISSN 2066-6586	3	1,66
32	Raicu, Ș., Roșca, E., Ruscă, F., <i>Vulnerabilitatea rețelelor rutiere transcarpatice</i> , Lucrările celei de-a IV-a Conferințe Naționale a ASTR „Ingenieria românească – factor al dezvoltării durabile”, Iași, 2009, vol. 1, pag. 89-94, Ed. AGIR, 2009, Coord.: M. Voicu, A. Dima, ISSN 2066-6586	3	1,66
33	Raicu, Ș., Roșca, E., Popa, M., Dragu, V., Costescu, D., Ruscă, F., <i>Transport Networks Vulnerability</i> , Conference Excellence Research, Brașov, 2008, CD-electronic version, ISSN 1844-7090	6	0,83
34	Raicu, Ș., Popa, M., Dragu, V., Roșca, E., <i>Optimization Model Approach to Solving the Just in Time Periodic Transportation Problem</i> , Conference Excellence Research, Brașov, 2007, pag. 104.1-104.6, Ed. Tehnica (Coord.: N. Vasiliu, L. Szabolcs), 2007, ISSN 1843-5904	4	1,25
35	Raicu, Ș., Roșca, E., <i>Algoritm și program pentru dezvoltarea rețelelor de transport feroviar</i> , Lucrările Simpozionului "Noi Concepte pentru Infrastructurile de Transport", pag. 334-340, 22-24 mai 1997, Timișoara	2	2,5
36	Popescu, V., Roșca, E., <i>Computer Simulation Study of Queueing Systems with Multiple Servers</i> , Proceedings of the 9th Symposium on Modelling, Simulation and Identification Systems, pag. 242-246, Galatzi, 24-25 Oct. 1996	2	2,5

2.5.	Granturi/proiecte castigate prin competitie/ de cercetare/consultanta pentru mediul economic		Ani	161,8
2.5.1	Director/ responsabil - minim 2 granturi sau val. contracte cu mediul economic minim 200.000 lei			41,8
	2.5.1.1	Internaționale: 20*ani		5
		1 „Elaborare baza de date continand formularele, raspunsurile si rezultatele sondajului efectuat in baza contractului CPV 74130000-9”, beneficiar Louis Berger SAS, Paris, France, Durată 3 luni, Valoare: 4.000 EUR + TVA	0,25	5
	2.5.1.2	Naționale: 10*ani		36,8
		1 Educație civică pentru colectarea selectivă a deșeurilor în campusurile universitare - ECOSED, Contract 92110, 2008-2011, PNCDI II, Programul „Parteneriate în domenii prioritare”, Durată 3 ani http://www.ingtrans.pub.ro/content/ECOSSED.html , Valoare: 2.000.000 lei	3	30
		2 Contract PN-III-P1-1.1-MC-2018-0311 Proiect de mobilitate pentru cercetatori, UEFISCDI, Valoare: 11.589 lei	0,1	1
		3 Elaborare Plan de Mobilitate Integrata in municipiul Dej, ctr.nr.83/22.09.2015, finantat de Consiliul local Dej, Durată 3 luni, Valoare: 59.709 lei + TVA	0,25	2,5
		4 Studiu de fezabilitate pentru proiectul de amenajare a unui terminal de containere în localitatea Brănești, Contract nr UTZ 441/12.2013, Durată 4 luni, Valoare: 27.000 EUR + TVA	0,33	3,3
2.5.2	Membru in echipă			120
	2.5.2.1	Internaționale: 4*ani		32

	1	ACROSEE - Accessibility improved at border CROSSings for the integration of South East Europe - SEE/D/0093/3.3/X- finantat prin programul SEE din ERDF (24 parteneri, coordonator C.E.I. Italy), http://www.cei.int/content/accessibility-improved-border-crossings-integration-south-east-acrosee , Director comunicare reprezentant UPB	3	12
	2	TEN-T Core Network Corridor Study for the Rhine – Danube Corridor-MOVE/B.1/FV2012– obtinut prin licitatie publica, finantat de European Commission, Directorate-General for Mobility and Transport, coordonat de iC consulente Zivltechniker GesmbH, Austria, parteneri: HaCon Ingenieurgesellschaft, Germania, Panteia B.V., Olanda, University POLITEHNICA of Bucharest, Via donau, Österreichische Wasserstraßen- Gesellschaft m.b.H, Austria, 2014	1	4
	3	FLAVIA - <i>Freight and Logistics Advancement in Central/South-East Europe - Validation of trade and transport processes, Implementation of improvement actions, Application of co-coordinated structures</i> – 2CE189P2- 2010, funded by the European Regional Development Fund (with 14 partners in consortium and University of Applied Sciences, Wildau, Germany as lead partner), 2010-2013	3	12
	4	CONSTANT - Concepts for life long learning to further increase safety on rail based transport systems - ASO Sofia, 2006-2007, international project funded by the Austrian Government, having as partners: University BOKU, Austria, Todor Kableshkov University of Transport, Bulgaria and the Technical University from Kraljevo, Serbia	1	4
	2.5.2.2	Naționale: 2*ani		88
	1	Cercetări pentru estimarea și creșterea performanțelor de siguranță intrinsecă a rețelelor traficului urban” (SAFENET), 2012-2016, PNCDI II	4	8
	2	MODUR Promovarea MOBilitatii urbane DURabile in municipiul Bucuresti, 2005, Program National CeEx	3	2
	3	TERITRANS Solutii interdisciplinare convergente in amenajarea TERItoriului si in structurarea sistemului de TRANSport, orientate catre dezvoltarea durabila si cresterea calitatii vietii, 2005, Program National CeEx	3	2
	4	Cercetari privind proiectarea si realizarea unei platforme logistice virtuale pentru structurarea logisticilor integrate in Romania, 2004, Programul RELANSIN	3	6
	5	Solutii pentru cresterea atractivitatii transportului public urban. Studiu de caz pentru Bucuresti si aria metropolitana, nr. 7C03, 2004, Programul AMTRANS	3	6
	6	Cercetari privind evaluarea fiabilitatii rețelelor de transport, Grant CNCSIS, 2004	3	6
	7	Cercetari privind realizarea unui sistem de transport urban pentru zone subservite ale municipiului Bucuresti, 2003, PNCDI, Programul AMTRANS	3	6
	8	Transportul durabil - componenta esentiala a societatii mileniului III, Grant CNCSIS, 2003	3	6
	9	Solutii convergente pentru limitarea congestiei si a efectelor poluante ale traficului din marile aglomerari urbane, 2002, PNCDI, Programul AMTRANS	3	6
	10	Cercetari privind dezvoltarea sistemului de transport public colectiv de persoane in jud. Ilfov in corelatie cu cel din Mun. Bucuresti si cu specificitatile spatiale si structurale ale mediului socio-economic, 1999, PNCDI, Programul ORIZONT 2000	3	6
	11	De la integrarea modurilor de transport in corelatie cu mediul socio-economic la logistica transporturilor, Grant Banca Mondială, 1996	3	6
	12	Cercetari privind restructurarea rețelelor de transport in directa legatura cu situatia coridoarelor europene, cu conventiile TEM si TER, in cadrul programelor de asociere a Romaniei la Comunitatea Europeana, 1995, PNCDI	3	6

		13	CONCORD– 2010-2013, Retea Nationala de Formare Continua a Cadrelor Didactice din Invatamantul Preuniversitar Profesional si Tehnic – UPB- POSDRU 87/1.3/S/61397 - expert pe termen scurt- pentru Transporturi	3	6
		14	DOCIS-Dezvoltarea unui sistem operational al calificarilor din invatamantul superior din Romania, ACPART –Agentia Nationala pentru Calificarile din Invatamantul Superior si Parteneriat cu Mediul Economic si Social - POSDRU/2/1.2/S/2- Expert pe termen scurt – Transporturi	2	4
		15	INSTRA-Centru de instruire pentru promovarea adaptabilității și creșterea gradului de mobilitate al angajaților operatorilor de transport public de persoane din România, POSDRU/81/3.2/S/57643, Expert pe termen lung	3	6
		16	Managementul riscului in cadrul unui system de centralizare electronica a statiilor de cale ferata, X2C23CEEX	3	6

A3. Recunoașterea și impactul activității (A3) – Minim: 100, Realizat: 276,72

3.1	Citări în reviste ISI și BDI	ai	85,72
	3.1.1	ISI cu factor de impact: 20/ai	38,65
		1. Lucrare citată: Raicu, S., Costescu, D., Rosca, E. , Popa, M. <i>Optimal planning of selective waste collection, Sustainable Development and Planning</i> , Edited by: C.A. BREBBIA and E. BERIATOS, Book Series: WIT Transactions on Ecology and the Environment, WIT Press, Southampton, U.K., ISBN: ISBN: 978-1-84564-544-1, pp. 785-796, 2011, (SCOPUS Indexed) DOI 10.2495/SDP110651; https://www.scopus.com/record/display.uri?eid=2-s2.0-84865548028&origin=resultslist	4 5
	A	Citare: A Gallardo, M Carlos, M Peris, FJ Colomer <i>Methodology to design a municipal solid waste pre-collection system. A case study-</i> Waste Management, Elsevier, Volume 36 , February 2015, Pages 1–11 (ISI – IF 4.72), WOS: 000349513000001, IF 5,44 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=8&SID=C3ZFIAe24BXsMHqULmi&page=1&doc=1	5
		2. Lucrare citată: Rusca, F; Popa, M; Rosca, E ; Rusca, A; Rosca, M ; Dinu, O, <i>Assessing the transit capacity of port shunting yards through discrete simulation</i> , 2019, TRANSPORT PROBLEMS, Volume: 14 Issue: 4 Pages: 101-111, WOS:000496814100009 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=3&SID=D1WXPuU88PEZakYD4ZHR&page=1&doc=1	6 3,33
	A	Citare: Li, B; Qu, WY; Xuan, H; Xu, CQ; Wang, XY; Geng, YF, <i>Shunting Strategy for Placing-In and Taking-Out Wagons on Branch-Shaped Freight Operation Network with Simulation Method</i> , JOURNAL OF ADVANCED TRANSPORTATION, Volume: 2020, Article Number: 3410481, WOS:000510881500003, IF 1.983 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=14&SID=C3ZFIAe24BXsMHqULmi&page=1&doc=1	3,33
		3. Lucrare citată: M. Popa, E. Rosca , F. V. Ruscă (2012) <i>On transport network reliability</i> . Journal of Transport Problems, ISSN 1896-0596, vol. 7, issue 3, 2012, p.127-134 https://www.scopus.com/record/display.uri?eid=2-s2.0-84875490281&origin=resultslist	3 6,66
	A	Citare: Zhang, Q., Yu, H., Li, Z., Zhang, G., & Ma, D. T. (2020). Assessing potential likelihood and impacts of landslides on transportation network vulnerability. Transportation Research Part D: Transport and Environment, 102304., WOS:000530686800020, IF 4.051 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=18&SID=C3ZFIAe24BXsMHqULmi&page=1&doc=1&cacheurlFromRightClick=no	6,66

		4. <u>Lucrare citată:</u> Burciu S., Stefanica C., Rosca E. , Dragu V., Rusca F., Location of an intermediate hub for port activities, Modern Technologies In Industrial Engineering (Modtech2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 95, DOI: 10.1088/1757-899X/95/1/012064, WOS:000365128900064 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=37&SID=D1WXpU88PEZakYD4ZHR&page=2&doc=60&cacheurlFromRightClick=no	5	8
	A	Citare: Xu, J; Murray, A; Wang, ZF; Church, R, Challenges in applying capacitated covering models, TRANSACTIONS IN GIS, WOS:000507940600001, IF 2.188 https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=25&SID=C3ZFIAe24BXsMHqULmi&page=1&doc=1		4
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		2. Lucrare citată: E. Roșca , S. Raicu, M. Roșca, F. Rusca, <i>Risks and Reliability Assessment in Maritime Port Logistics</i> , Advanced Materials Research, 1036, pp. 963-968, 2014 https://www.scientific.net/AMR.1036.963	4	3,75
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3.1.3	BDI: 10/ai			28,32
		1. Lucrare citată: Mihaela Popa, Eugen Rosca , V Rusca. <i>On transport network reliability</i> , Transport Problems, 7, 2012, pp. 127-134, http://transportproblems.polsl.pl/pl/Archiwum/2012/zeszyt3/2012t7z3_14.pdf	3	3,33
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3.4	Membru in colectivele de redactie sau comitetele stiintifice ale revistelor sau manifestarilor stiintifice		
	3.4.1.	Reviste ISI cu factor de impact	110
		3.4.1.1 Membru in comitetul stiintific	30
		1. PROMET - Traffic and Transport Scientific Journal (2016-2020)	15
		2. Romanian Journal of Transport Infrastructure https://sciendo.com/journal/RJTI	15
		3.4.1.2 Recenzor	80
		1. Optimization Of The Synergetic Between Preparation Of High-Speed Railway Trainrunning Diagram And Station Route Allocation Plan, Romanian Journal of Transport Infrastructure	10
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3.5.	Experiența de management, analiză și evaluare în cercetare și/sau învățământ		61
	3.5.2.	Organizatii nationale	61
		Director Departament Transporturi, Trafic și Logistică	1 an 5
		Prodecan Facultatea Transporturi	4 ani 20
		Membru in Consiliul profesoral al facultatii Transporturi	15 ani 30
		Evaluator POSCCE	3 ani 6

3.7	Premii		10
	1.7.4.	Internaționale	
		<i>Premiul II Conferinta Internationala ModTech 2013, volum indexat ISI</i>	10

3.8	Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării		10
	3.7.4	Asociații profesionale naționale: 5	5
		Asociația Generală a Inginerilor din România	5
		Colegiul Psihologilor din România – Psihologie educațională, consiliere școlară și vocațională	5

30.03.2021

Prof.dr.ing. Eugen Roșca