

# UNIVERSITATEA POLITEHNICA DIN BUCUREȘTI

**FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDDELOR DE PREZENTARE LA  
CONCURS ABILITARE CONDUCĂTOR DE DOCTORAT [CONFERENȚIAR]  
CANDIDAT: MINEA G. MARIUS - Conferențiar, Departamentul TELECOMENZI și  
ELECTRONICĂ în TRANSPORTURI, Facultatea TRANSPORTURI**

<b>Condiții</b>	<b>Îndeplinire condiții</b>	
<b>A. Doctor</b>	Diploma de Doctor în domeniul <b>Transporturi</b> Nr. 288/02.09.1997, OM Nr. 4268/ 23.07.1997 emisă de Universitatea POLITEHNICA din București	
<b>B. Îndeplinirea standardelor minime naționale conform OMECTS nr. 6560/20.12.2012; MO, I, 890 si 890bis/27.12.2012.</b>	Standarde îndeplinite, 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:	
<b>Condiții minime [Punctaj]</b>	<b>Minim prevăzut</b>	<b>Realizat</b>
A1. Activitatea didactică și profesională	100	335,62
A2. Activitatea de cercetare	600	1526,79
A3. Recunoașterea și impactul activității	150	360,60
<b>TOTAL (A)</b>	<b>850</b>	<b>2223,01</b>
<b>Condiții minime obligatorii pe subcategorii [Număr]</b>	<b>Minim prevăzut</b>	<b>Realizat</b>
A 1.1.1– A 1.1.2 Cărți și capitole în cărți de specialitate în edituri recunoscute	1 carte / capitol	7 [7] <sup>1</sup>
A 1.2.1– A 1.2.2 Manuale didactice – Lucrări didactice		7 [3]
A 2.1 Articole in reviste cotate si in volumele unor manifestari stiintifice indexate ISI proceedings [nr / nr în Q]	15 / 3	51 / 7 [22]
A 2.4.1 Granturi/proiecte câștigate prin competiție (director / responsabil)	2	8 [6]
A 3.1.1 - A 3.1.2 Număr de citări în cărți, reviste și volume ale unor manifestări științifice ISI sau BDI	25	97 [80]
Factor de impact cumulat pentru publicații	10	<b>42,68</b>
<b>C. Atestarea studiilor (diploma + Foi Matricole) și a altor realizări profesionale</b>	<b>Diploma de Inginer</b> - (domeniul INGINERIE ELECTRONICĂ) - profil ELECTRIC, Specializarea Tehnologia Transporturilor și Telecomenzi Feroviare Nr. 1192 din 03.01.1986 emisă de Institutul Politehnic București	
<b>Standarde suplimentare</b>	<b>Îndeplinire standarde suplimentare</b>	



<sup>1</sup>[xx] – de la ultima avansare

a) 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 solicita abilitarea și de citările acestor lucrări	Domeniul fundamental - Științe Inginerești Domeniul de doctorat - Inginerie Electronică, Telecomunicații și Tehnologii Informaționale Domeniul științific propriu definit – Sisteme telematice pentru transporturi, eficiente energetic
b) Dovada participării în comisiile de îndrumare pentru cel puțin 3 doctoranzi și/sau în cel puțin 3 comisii pentru susținerea tezelor de doctorat	1. Membru în Comisiile de îndrumare pentru 3 doctoranzi 2. Membru în Comisiile pentru susținerea a 5 teze de doctorat Anexată: Dovada participării din partea UPB/CSUD
c) Participarea la construcția unei echipe și/sau unui laborator	1. Participare la construcția laboratorului de Telematică pentru navigație, sala JF101, corp J – dotare cu echipamente de semnalizare rutieră și software de specialitate UTOPIA-SPOT
d) 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, conform declarației din dosarul de abilitare.
e) 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 evaluare, conform declarației din dosarul de abilitare.

Subsemnatul MINEA G. Marius, candidat la concursul pentru acordarea atestatului de abilitare, Departamentul Telecomenzi și electronică în transporturi, Facultatea de Transporturi, din Domeniul de Studii Univ. Inginerie Electronică și Telecomunicații, arondat Comisiei de Specialitate CNATDCU [OMECTS 6573/2012] Nr11, 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 2013 pentru înscrierea la concurs [Secțiunea II.3], Ordin 6129/2016 [C + P], 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 sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la această dată.

Candidat,

Minea Marius

Data (semnătura)

19.04.2023

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# Justificarea activității

Candidat: conf.dr.ing. Marius MINEA

Structura activității candidatului										
Nr.crt.	Domeniul activităților	Categoriile și restricții		Subcategoriile		Indicatori (Kpi)		Valoare MM		CNATDCU
0	1	2		3		4		Pe categorii	Global	
1	Activitatea didactică și profesională (A1)	Cărți de autor sau capitole de specialitate în edituri cu ISBN		A 1.1.1	Internationale	50 / nr. autori sau 100 / nr. autori cu condiția [2]	16.67	335.62	100.00	
		Cărți / monografii		A 1.1.2	Naționale	50 / nr. Autori	118.95			
		Material didactic / Lucrări didactice publicate în edituri cu ISBN	Manuale didactice	A 1.2.1		40 / nr. autori	200.00			
2	Activitatea de cercetare (A2)	Articole în reviste cotate ISI și lucrări în volumele unor manifestări științifice indexate ISI		A 2.1		(25 + 30*factor impact)/nr. autori	1110.89	1526.79	600.00	
		Articole în reviste și în volumele unor manifestări științifice indexate în alte baze de date internaționale recunoscute (BDI)		A 2.2		20 / nr. de autori	63.33			
		Proprietate intelectuală, brevete de invenție, certificate ORDA		A 2.3.1	Internationale	35 / nr. de autori	0.00			
				A 2.3.2	Naționale (OSIM)	25 / nr. de autori	8.57			
		Granturi / Proiecte de cercetare câștigate prin competiție sau Contracte de cercetare în valoare de minim 10.000 dolari SUA echivalent încasat	Director / Responsabil partener	A 2.4.1.1	Internationale	20 * ani de desfășurare	140.00			
			Membru în echipă	A 2.4.2.1	Internationale	4 * ani de desfășurare	120.00			
		A 2.4.2.2	Naționale	2 * ani de desfășurare	84.00					
3	Recunoașterea și impactul activității (A3)	Citări în cărți, reviste și volume ale unor manifestări științifice		A 3.1.1	Cărți, ISI	8 / nr. autori art. citat	282.67	360.60	150.00	
				A 3.1.2	BDI	4 / nr. autori art. citat	57.93			
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate ISI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate ISI	Punctaj unic pentru fiecare activitate	A 3.2		10	20.00			
		Membru în colectivele de redacție sau comitetele științifice ale revistelor indexate BDI, chair, co-chair sau membru în comitetele de organizare ale manifestărilor științifice internaționale indexate BDI	Punctaj unic pentru fiecare activitate	A 3.3		6	0.00			
		Premii în domeniu conferite de Academia Română, ASTR, AOSR, sau premii internaționale de prestigiu		A 3.4		15	0.00			
								<b>Punctaj TOTAL</b>	<b>2223.01</b>	850.00
								<b>TOTAL CITĂRI ISI</b>	<b>97.00</b>	25.00
								<b>FACTOR IMPACT CUMULAT</b>	<b>42.68</b>	

Note:

- La rubrica Recunoașterea și impactul activității (A3), secțiunea A3.1.1., lucrarea citată este marcată cu culoare galbenă, iar lucrările ISI care citează sunt plasate în rubricile de dedesubt, fără culoare de marcaj
- La rubrica Recunoașterea și impactul activității (A3), secțiunea A3.1.2, lucrarea citată este marcată cu culoare albastră, iar lucrările BDI care citează sunt plasate în rubricile de dedesubt, fără culoare de marcaj (la rubrica observații este trecut baza de date în care este indexată lucrarea care citează. Sunt considerate doar bazele de date agreeate de Comisia 11 domeniu IETTI).

<b>Categoria A1</b>		
<b>Sub-categorie</b>	<b>Titlu</b>	<b>Punctaj</b>
A 1.1.1	C.M. Dumitrescu, M. Minea, I.M. Costea. Development of an Acoustic System for UAV discovery and Tracking Employing Concurrent Neural Network, book chapter, Prime Archives in Sensors, 1st Edition, Hyderabad, Vide Leaf, ISBN: 978-81-945175-7-3, January 2020, nr pag 36.	16.67
<b>TOTAL A 1.1.1</b>		<b>16.67</b>
A 1.1.2	D. Dumitrescu (coord.), M. Minea si alții, “Manual RIS”, Editura Nautica, Constanta, 2011, ISBN 978-606-8105-59-8; 223 pagini, cod CNCISIS 121	5.56
	M. Minea, R.A. Gheorghiu, M.C. Surugiu. Cercetări europene pentru îmbunătățirea siguranței și securității transportului public de suprafață. Linii directe pentru Certificare, Acreditare și Controlul Calității în Instruirea Profesională – European Research for Improving Safety and Security in Public Surface Transport. Guidelines for Certification, Accreditation and Quality Control in Professional Training. Bilingv. ISBN 978-606-515-091-1, 206 pag., Ed. Politehnica Press, București 2010; cod CNCISIS nr. 19	16.67
	C.M. Alexandrescu, G. Stan, M. Minea. Managementul centralizat al traficului rutier urban. 214 pag., Centrul Tehnic Editorial al Armatei, București 2007; CNCISIS cod 51, ISBN 978-973-1743-62-2	16.67
	M. Minea, F.D. Grafu, M.C. Surugiu. Sisteme inteligente de transport – Aplicații. Ed. MATRIXROM, 255 pag., ISBN 978-973-755-157-3, București martie 2007, Acreditări CNCISIS cod 39 și CNRI, SIEAR.	16.67
	E. Catană, M. Minea, I. Filip. Telematica. Studii de caz., Ed. PRINTECH, ISBN 973-718-494-7, 978-973-718-494-8, 305 pag.; (2006) București; CNCISIS cod 54	16.67
	S. Platon, M. Minea. Fiabilitatea sistemelor de transport feroviar. Ed. PRINTECH, ISBN 973-652-332-2, 135 pag.; (2001) București; CNCISIS cod 54;	25.00
	C.E. Stan, M. Minea, I. Pop, A. Ciugudean, T. Popa, B. Ștefănescu, INFOTRAFIC. Soluții de management online a traficului rutier, bazat pe tehnologii avansate. Editat cu sprijinul Ministerului Educației și Cercetării la Editura ROF, Suceava, ISBN 10 973-0-04726-X, ISBN 13 978-973-0-04726-4, Suceava, 2006;	8.33
	M. Lăcraru, S. Dumitru, T. Popa, L. Ștefan, A. Eșanu, M. Minea, C. Căruntu. Reducerea impactului traficului urban asupra mediului prin monitorizarea poluării. Editat cu sprijinul Ministerului Educației și Cercetării la Editura ROF, Suceava, ISBN 10 973-0-04721-9, ISBN 13 978-973-0-04721-9, Suceava, 2006	7.14
	G.R. Hrin, C.M. Alexandrescu, A. Eșanu, M. Minea ș.a. – Îndrumar privind sistemele inteligente de transport. Concepte, funcții, arhitecturi, sisteme, standarde, ICI - CEPETET-U.P.B.- MLPTL - ITS Romania, Ed. TRIUMF, ISBN 973-85872-3-9, 50 pag., ( <a href="http://www.ici.ro/ici/revista/ria2002_4/art03.htm">http://www.ici.ro/ici/revista/ria2002_4/art03.htm</a> ); (2002) București	6.25
<b>TOTAL A 1.1.2</b>		<b>118.95</b>
A 1.2.1	M. Minea. Tehnologii pentru vehicule autonome, Ed. Politehnica Press, ISBN 978-606-9608-18-0, 170 pagini, București 2022 - CNCIS cod 19, 2022	40.00

M. Minea. Sisteme la bord, ghidare dinamică și navigație. Tehnologii, concepte și echipamente. Ed. Politehnica Press, ISBN 978-606-515-669-2.629.783, 238 pagini, București 2016 - CNCIS cod 19	40.00
M. Minea. Sisteme de dirijare a traficului naval. Curs, Partea I. Ed. Politehnica Press, 214 pagini, ISBN 978-606-515-258-8, ISBN 978-606-515-259-5, Bucuresti 2011- CNCIS cod 19	40.00
M. Minea. Telematică pentru navigație, Ed. PRINTECH, ISBN 973-652-475-2, 123 pag. (2001) București; CNCSIS cod 54	40.00
M. Minea, F.D. Grafu. Telematica în Transporturi. Noțiuni fundamentale și aplicații, Ed. PRINTECH – ISBN 973-718-336-3, 275 pag, (2005) București.; CNCSIS cod 54	20.00
M. Minea, R.A. Gheorghiu. Sisteme de dirijare a traficului feroviar. Îndrumar de laborator, 270 pag.,Ed. Politehnica Press, ISBN 978-606-515-099-7, București 2010;	20.00
M. Minea. Sisteme și echipamente de dirijare a traficului naval, Editura U.P.B., Curs, 219 pag., (2000) București;	Alte lucrari publicate
M. Minea. Echipamente de dirijare a traficului feroviar, Editura U.P.B., Curs, 203 pag. (1999) București;	Alte lucrari publicate
M. Minea. Echipamente de dirijare în trafic naval. Partea I. Semnalizare navală. Echipamente autonome de navigație, Editura U.P.B., Curs. 257 pag., (1998) București	Alte lucrari publicate
M. Minea. Echipamente de dirijare în trafic naval. Îndrumar de laborator, Editura U.P.B., 177 pag.; (1997) București	Alte lucrari publicate
M. Minea. Tehnologia și fiabilitatea echipamentelor. Îndrumar pentru activități de laborator, Editura U.P.B., 140 pag., (1997) București	Alte lucrari publicate
M. Minea. Echipamente de dirijare a traficului feroviar. Îndrumar de laborator, 150 pag., Editura U.P.B.; (1996) București	Alte lucrari publicate
<b>TOTAL A 1.2.1</b>	<b>200.00</b>
<b>TOTAL A1</b>	<b>335.62</b>

<b>Categoria A2</b>				
<b>Subc ateg orie</b>	<b>Titlu</b>	<b>Factor impact</b>	<b>Nr. autori</b>	<b>Punctaj</b>
<b>A2.1</b>	Minea, M.; Dumitrescu, C.M. Urban Traffic Noise Analysis Using UAV-Based Array of Microphones. Sensors 2023, 23, 1912. <a href="https://doi.org/10.3390/s23041912">https://doi.org/10.3390/s23041912</a> , (rank Q1, IF 3,847), accession number: CCC:000942273000001, 2023	3.847	2	70.205
	Minea, M. "An Experimental Assessment of People's Location Efficiency Using Low-Energy Communications-Based Movement Tracking". Sensors 2022, 22, 9025. eISSN1424-8220, Accession NumberMEDLINE:36433620, NLM Unique ID101204366, WOS000887592600001 <a href="https://doi.org/10.3390/s22229025">https://doi.org/10.3390/s22229025</a> , (rank Q1, IF 3,847 ), 2022	3.847	1	140.41
	Minea, M and Dumitrescu, C. M. "On the Feasibility and Efficiency of Self-Powered Green Intelligent Highways," Energies (Basel), vol. 15, no. 13, p. 4693, Jun. 2022, doi: 10.3390/en15134693, WOS000824267800001 (rank Q1, IF 3,847 ), 2022	3.252	2	61.28
	Minea, M. ; Dumitrescu, C.M. ; Costea, I.M. Advanced e-Call Support Based on Non-Intrusive Driver Condition Monitoring for Connected and Autonomous Vehicles. SENSORS Volume: 21, Issue: 24, Article Number: 8272, PubMed ID: 34960361. IF 3,847, ISSN 1424-8220, DOI 10.3390/s21248272, WOS 000745275000001	3.847	3	46.80
	Minea, M.; Dumitrescu, C.M.; Dima, M. Robotic Railway Multi-Sensing and Profiling Unit Based on Artificial Intelligence and Data Fusion. SENSORS, Volume: 21, Issue: 20 Article Number: 6876, PubMed ID: 34696089. IF 3,576. ISSN 1424-8220, DOI 0.3390/s21206876, WOS 000714796100001	3.847	3	46.80
	Minea, M.; Dumitrescu, C.M.; Minea, V.L. Intelligent Network Applications Monitoring and Diagnosis Employing Software Sensing and Machine Learning Solutions. Sensors 2021, 21, 5036. <a href="https://doi.org/10.3390/s21155036">https://doi.org/10.3390/s21155036</a> , WOS000682176000001	3.847	3	46.80
	Minea, M., Dumitrescu,C.M. , Costea, I.M., Chiva,I.C., Semenescu, A. Developing a Solution for Mobility and Distribution Analysis Based on Bluetooth and Artificial Intelligence. Sensors 2020, 20(24), 7327; <a href="https://doi.org/10.3390/s20247327">https://doi.org/10.3390/s20247327</a> . WOS 000603324600001	3.847	5	28.08
	Minea,M., Dumitrescu,C.M., Costea, I.M., Chiva,I.C. , Semenescu, A. Development of an Acoustic System for UAV Detection. Sensors 2020, 20(17), 4870; <a href="https://doi.org/10.3390/s20174870">https://doi.org/10.3390/s20174870</a> . WOS 000569742800001	3.847	5	28.08
	Minea, V.L. ; Minea, M.; Semenescu, A. Efficiency of Application of Monitoring in Improving Mobile Communication Networks' Resilience - A Case Study. UPB SCIENTIFIC BULLETIN SERIES C- ELECTRICAL ENGINEERING AND COMPUTER SCIENCE, Volume: 83. Issue: 4. Pages: 149-160. ISSN/e-ISSN 2286-3540 / 2286-	0.25	3	10.83

	3559, WOS000741473700014			
	Minea, M. "Improving the Efficiency of Traffic and Traveller Information Services. Buletinul Științific U.P.B., Series C, nr. 1/2015, vol. 77, pp. 105 - 114, ISSN 2286-3540, eISSN: 2286-3559, WOS:000421796300010	0.25	1	32.50
	Minea, M., Boehm, M., Dumitrescu, S. Data Fusion Integrated Mobile Platform for Intelligent Travel Information Management. ICCGI 2011, The Sixth International Multi-Conference on Computing in the Global Information Technology. 2011/6/19, pp. 89-94. ISBN: 978-1-61208-139-7. WOS:000456651700015	0.25	3	10.83
	M. Minea. Cellular - Sensorless V2I-Based Traffic Information and Communications Infrastructure Case study for high class motorways. 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI). Targoviste, ROMANIA, JUN 29-JUL 01, 2017, ISBN:978-1-5090-6458-8, ISSN: 2378-7147, WOS:000425865900034	0.25	1	32.50
	Minea, M. An Experimental Survey on Wi-Fi Efficiency for Smart Subway Applications. International Conference on Traffic and Transport Engineering (ICTTE 2018). Pp. 1032-1041, CITY NET SCIEN RES CTR LTD-BELGRADE, ISBN:978-86-916153-4-5, WOS:000542956800140	0.25	1	32.50
	Dumitrescu, C., Minea, M., Ciofârnae, P. UAV Detection Employing Sensor Data Fusion and Artificial Intelligence. Information Systems Architecture and Technology, ISAT 2019, PT I. Advances in Intelligent Systems and Computing, Vol. 1050. Pages: 129-139 DOI: 10.1007/978-3-030-30440-9_13, Published: 2020. ISBN:978-3-030-30440-9; 978-3-030-30439-3, WOS:000564746100013	0.25	3	10.83
	Minea, M.; Chiva, I.C.; Minea, V.L.; Semenescu, A. Experimental Tests for Non-Intrusive Travel Demand Data Collection Employing Wi-Fi Sensing - Part 1. UPB SCIENTIFIC BULLETIN SERIES C-ELECTRICAL ENGINEERING AND COMPUTER SCIENCE Volume: 82, Issue: 3, Pages: 125-136. ISSN/e-ISSN 2286-3540 / 2286-3559. WOS000557847800010	0.25	4	8.13
	Minea, M.; Chiva, I.C.; Minea, V.L.; Semenescu, A. Experimental Tests for Non-Intrusive Travel Demand Data Collection Employing Wi-Fi Sensing – Part 2 UPB SCIENTIFIC BULLETIN SERIES C-ELECTRICAL ENGINEERING AND COMPUTER SCIENCE. - Part 2. UPB SCIENTIFIC BULLETIN SERIES C-ELECTRICAL ENGINEERING AND COMPUTER SCIENCE. Volume: 82 Issue: 4 Pages: 197-208. ISSN/e-ISSN 2286-3540 / 2286-3559, WOS000596151000016	0.25	4	8.13
	V. Iordache, R.A. Gheorghiu, M. Minea. Analysis of Interferences in Data Transmission for Wireless Communications Implemented in Vehicular Environments. 2017 Federated Conference on Computer Science and Information Systems (FedCSIS). WOS 000417412800123	0.25	3	10.83



R.A. Gheorghiu, V. Iordache, M. Minea, A.C. Cormoș. Bluetooth latency analysis for vehicular communications in a Wi-Fi noisy environment. 2017 40th International Conference on Telecommunications and Signal Processing (TSP). DOI: 10.1109/TSP.2017.8075956. WOS000425229000030	0.25	4	8.13
Iordache,V., Minea,M., and Gheorghiu,R. A. "Considerations for using ZigBee technology in vehicular non-critical applications," 2017 Federated Conference on Computer Science and Information Systems (FedCSIS), 2017, pp. 853- 856, doi: 10.15439/2017F30. WOS 000417412800124	0.25	3	10.83
V. Iordache, R. A. Gheorghiu, M. Minea and A. C. Cormos, "Field testing of Bluetooth and ZigBee technologies for vehicle-to-infrastructure applications," 2017 13th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS), 2017, pp. 248-251, doi: 10.1109/TELSKS.2017.8246274. WOS 000425463200052	0.25	4	8.13
Minea, M. (2017). On the design of V2I communications architecture with reduced infrastructural set: Urban scenario. 1-4. 10.1109/ECAI.2017.8166409. WOS 000425865900025	0.25	1	32.50
Iordache,V. , Gheorghiu,R. A. , and Minea,M. "On the usability of Bluetooth in V2I based communications for extended infrastructure support," 2017 13th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS), 2017, pp. 287- 290, doi: 10.1109/TELSKS.2017.8246282.	0.25	3	10.83
Minea,M., Minea, V. L. , and Stan,V. A. "A Survey on Wi-Fi Usability for Additional Safety Communications in Subway Environment," 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2018, pp. 1-6, doi: 10.1109/ECAI.2018.8678974. WOS 000467734100044	0.25	3	10.83
Minea,M. , Gheorghiu,R. A. , Iordache,V., Surugiu, M. C. , and Dima,M. "A Survey on ZigBee Communications Efficiency for Subway Additional Services," 2018 41st International Conference on Telecommunications and Signal Processing (TSP), 2018, pp. 1-5, doi: 10.1109/TSP.2018.8441391. WOS 000454845100122	0.25	5	6.50
Dima,M. , Chihaiia,I. A. , Surugiu, M. C. , and Minea,M. "Preventive Maintenance of the Railway Infrastructure employing Robotized Platform and Virtual Instrumentation," 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2018, pp. 1-6, doi: 10.1109/ECAI.2018.8679065. WOS 000467734100135	0.25	4	8.13
Minea,M., Gheorghiu,R. A. , Iordache, V. , Surugiu,M. C. , and Dima,M. "ZigBee Efficiency Assessment for Additional Subway Safety Communications in Tunnel Environments," 2018 41st International Conference on Telecommunications and Signal Processing (TSP), 2018, pp. 1-4, doi: 10.1109/TSP.2018.8441180. WOS 000454845100119	0.25	5	6.50



R. A. Gheorghiu, V. Iordache and M. Minea, "Assessment of ZigBee communications efficiency for truck platooning applications," 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2019, pp. 1-4, doi: 10.1109/ECAI46879.2019.9041989.WOS 000569985400036	0.25	3	10.83
Gheorghiu, R.A., Cormoș, A.C., Minea, M., and Radu, M. "Digitally migration concept for railway failsafe protection circuit," 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2018, pp. 1-4, doi: 10.1109/ECAI.2018.8678932.	0.25	4	8.13
Minea, M., Dumitrescu, C.M., and Costea, I. M. "Non-Intrusive Driver Condition Monitoring in Highly Automated Vehicles with Medical Information Support for Emergency Calling," 2019 42nd International Conference on Telecommunications and Signal Processing (TSP), 2019, pp. 62-66, doi: 10.1109/TSP.2019.8769094. WOS 000493442800013	0.25	3	10.83
Minea, M., Dumitrescu, C.M., and Chiva, I.C. "Unconventional Public Transport Anonymous Data Collection employing Artificial Intelligence," 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2019, pp. 1-6, doi: 10.1109/ECAI46879.2019.9041957.	0.25	3	10.83
Gheorghiu, R.A., Iordache, V., Minea, M. Messaging capabilities of V2I networks, Procedia Manufacturing, Volume 22, 2018, Pages 476-484, ISSN 2351-9789, <a href="https://doi.org/10.1016/j.promfg.2018.03.073">https://doi.org/10.1016/j.promfg.2018.03.073</a> . WOS 000456199200068	0.25	3	10.83
Minea, M., Gheorghiu, R.A. On the Connectivity of Vehicular Ad-Hoc Networks in Highway Scenario. 22nd International Conference on Applied Electromagnetics and communications. INSPEC Accession Number: 16657185, DOI: 10.1109/ICECom.2016.7843897, ISI WOS:000400382100026, ISBN:978-953-6037-72-8. Proceedings pages 115-120. Dubrovnik, Croatia, 19-21 Sept.2016. <a href="http://toc.proceedings.com/33450webtoc.pdf">http://toc.proceedings.com/33450webtoc.pdf</a>	0.25	2	16.25
Nemțanu, F.C., Minea, M., Buretea, D.L., Costea, I.M: Development of the Romanian Cities based on a European Smart-City Concept. 4th International Academic Conference Strategica. ISSN 2392-702X, ISBN 978-606-749-181-4, ISI WOS:000392267300086, Bucharest, Romania, oct. 20-21, 2016 Book Series: Strategica Pages: 1029-1039; Published: 2016;	0.25	4	8.13
Minea, M. Requirements for a pro-active cooperative cruise control strategy employing vehicular ad-hoc networking. 3rd International Conference on Traffic and Transport Engineering (ICTTE). ISBN 978-86-916153-3-8. ISI WOS:000391016300026, Belgrade, Serbia, nov. 24-25, 2016; Proceedings of the third International Conference on Traffic and Transport Engineering (ICTTE) Pages: 182-190, Published: 2016;	0.25	1	32.50

	<p>Minea, M., Surugiu, M.C., Stăncel, I.N., Bădescu, I. A survey on vehicular ad-hoc network communications efficiency in dense urban traffic scenarios. 3rd International Conference on Traffic and Transport Engineering (ICTTE). ISBN 978-86-916153-3-8, ISI WOS:000391016300027. Belgrade, Serbia, nov. 24-25, 2016; Proceedings of the third International Conference on Traffic and Transport Engineering (ICTTE) Pages: 191-199, Published: 2016;</p>	0.25	4	8.13
	<p>Nemțanu, F.C., Minea, M., Costea, I.M., Cormoș, A.C., Iordache, V. Active and dynamic reliability measures based on autonomic behaviour of ITS. 3rd International Conference on Traffic and Transport Engineering (ICTTE). ISBN 978-86-916153-3-8. ISI WOS:000391016300125. Belgrade, Serbia, nov. 24-25, 2016; Proceedings of the Third International Conference on Traffic and Transport Engineering (ICTTE). Pages: 880-885, Published: 2016;</p>	0.25	5	6.50
	<p>Gheorghiu, R.A., Minea, M. Energy-efficient solution for vehicle prioritisation employing Zig-Bee V2I communications. International Conference on Applied and Theoretical Electricity (ICATE). ISSN 2376-4163, ISBN 978-1-4673-8562-6, ISI WOS 000390767500089, Craiova, Romania, oct. 06-08, 2016; 2016 International Conference on Applied and Theoretical Electricity (ICATE) 5 pages, Book Series: International Conference on Applied and Theoretical Electricity. INSPEC Accession Number: 16498423. Proceedings, pp. 610-616. Published: 2016; Electronic document: <a href="http://IEEE-xplore.ieee.org/document/7754691/">http://IEEE-xplore.ieee.org/document/7754691/</a>; Article number 7754691; SCOPUS Category number CFP1699S-ART; Code 125037;</p>	0.25	2	16.25
	<p>Minea, M., Surugiu, M.C., Bădescu, I. Algorithm for cooperative management of road traffic emissions in urban areas. International Conference on Applied and Theoretical Electricity (ICATE). ISSN 2376-4163, ISBN 978-1-4673-8562-6, ISI WOS 000390767500087, Craiova, Romania, oct. 06-08, 2016; 6 pages, 2016 International Conference on Applied and Theoretical Electricity (ICATE). Book Series: International Conference on Applied and Theoretical Electricity. Proceedings, pp. 598-604. Published: 2016; Electronic document: <a href="http://IEEE-xplore.ieee.org/document/7754689/">http://IEEE-xplore.ieee.org/document/7754689/</a>; INSPEC Accession Number: 16488902; SCOPUS: Article number 7754689, Category number CFP1699S-ART; Code 125037;</p>	0.25	3	10.83
	<p>Minea, M., Surugiu, M.C., Stăncel, I., Minea, V.L.. Combined opportunistic vehicular/cellular networking for cooperative driving assistance in highway scenarios. International Conference on Applied and Theoretical Electricity (ICATE). ISSN 2376-4163, ISBN 978-1-4673-8562-6, ISI WOS 000390767500090, Craiova, Romania, oct. 06-08, 2016; Book Series: International Conference on Applied and Theoretical Electricity. Published: 2016; Proceedings, pp. 616-622. Electronic document: <a href="http://IEEE-xplore.ieee.org/document/7754692/">http://IEEE-xplore.ieee.org/document/7754692/</a>; INSPEC Accession Number: 16498421; SCOPUS: Article number 7754692, Category number CFP1699S-ART; Code 125037;</p>	0.25	4	8.13

Dumitrescu, M.C., Costea, I.M., Minea, M., Banică, A. Developing an automated system for simultaneous recording of the human psychological parameters. 39th International Spring Seminar on Electronics Technology ISSE. Pages: 301-305, ISSN 2161-2536, ISBN 978-1-5090-1389-0, ISI WOS:000387089800060, INSPEC Accession Number: 16284977, Pilsen, Czech Republic, May 18-22, 2016;	0.25	4	8.13
Costea, I.M., Dumitrescu, C. M., Minea, M., Banică, A. Analysis of facial expressions using thermal imaging. 39th International Spring Seminar on Electronics Technology (ISSE). ISSN 2161-2536, ISBN 978-1-5090-1389-0, ISI WOS: 000387089800061, INSPEC Accession Number: 16285015, Pilsen, CZECH REPUBLIC, may 18-22, 2016; 2016 39th International Spring Seminar on Electronics Technology (ISSE) Book Series: International Spring Seminar on Electronics Technology ISSE. Pages: 306-315, Published: 2016;	0.25	4	8.13
Niculescu, M.C., Minea, M. Developing a single window integrated platform for multimodal transport management and logistics. 6th Transport Research Arena (TRA). ISSN 2352-1465, ISI WOS:000383251001055, Warsaw, POLAND, apr. 18-21, 2016; Transportation Research Procedia. Volume: 14, Pages: 1453-1462. Published: 2016;	0.25	2	16.25
Minea, M., Niculescu, M.C. Challenges in developing WiFi wide coverage access for River Information Services on the Danube River. 12th International Conference on Telecommunications in Modern Satellite Cable and Broadcasting Services TELSIKS. ISBN 978-1-4673-7516-0, ISI WOS:000380406700028, INSPEC Accession Number: 15677899, Nis, SERBIA, oct. 14-17, 2015; Book Series: International Conference on Telecommunications in Modern Satellite Cable and Broadcasting Services TELSIKS, Pages: 141-144. Published: 2015;	0.25	2	16.25
Minea, M. Cooperative V2V Clustering Algorithm for Improving Road Traffic Safety Information. 12th International Conference on Telecommunication in Modern Satellite, Cable and Broadcasting Services (TELSIKS), ISBN 978-1-4673-7516-0, ISI WOS:000380406700075, INSPEC Accession Number: 15667781, Nis, Serbia, 2015; Book Series: International Conference on Telecommunications in Modern Satellite Cable and Broadcasting Services TELSIKS, Pages: 369-372. Published: 2015;	0.25	1	32.50
Minea, M., Dumitrescu, S.D. Vehicle to Infrastructure Communications - Technologies and EMC Problems in Public Transport Management Systems. 9th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services. ISI WOS:000289094600088. ISBN:978-1-4244-4381-9. INSPEC Accession Number: 11022103, Nis, SERBIA.2009; Natl Soc Microwave Theory & Technology TELSIKS 2009, Vols. 1 and 2 Pages: 453-457, Published: 2009;	0.25	2	16.25

	Minea, M. EMC and related problems in detection of road and rail vehicles. 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS). ISBN:978-86-85195-54-9, ISI WOS:000251017900117. INSPEC Accession Number: 9834839, Nis, Serbia, sept. 26-28, 2007; 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Vols 1 and 2 Pages: 581-584, Published: 2007;	0.25	1	32.50
	Minea, M. , Nemțanu, F.C. Intelligent urban traffic signalling infrastructure with optimised intrinsic safety. International Journal of Computers, Communications & Control. Volume: 1 Supplement: S Pages: 313-319. ISSN 1841-9836, ISI WOS:000203014800052, 2006;	0.25	2	16.25
	Minea, M. , Nemțanu, F.C., Stan, V. Establishing communications needs for the urban traffic and public transport integrated system in Bucharest. 7th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS). Proceedings, Vols. 1 and 2 Pages: 261-264; ISI WOS:000233336900055, INSPEC Accession Number: 8802197, Nis, Serbia, sept. 28-30, 2005; SCOPUS: Category number 05EX1072; Code 68922;	0.25	3	10.83
	Minea, M. , Grafu, F., Cormoș, A.C. Reliable integrated communications for urban intelligent transport systems. 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS), Vols. 1 and 2. ISBN:978-86-85195-54-9, ISI WOS:000251017900125, Nis, SERBIA, sept. 26-28, 2007; TELSIKS 2007: 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Vols 1 and 2 Pages: 617-620, Published: 2007;	0.25	3	10.83
	Minea, M. , Stan, G. Field tests of a new Integrated Electronic System for Vehicle Monitoring, Mobile Data Communications and e-Commerce in Road Transportation. 6th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services (TELSIKS), ISBN: 0-7803-7963-2, ISI WOS:000188740300092, INSPEC Accession Number: 8007670, Nis, Serbia, 2003; TELSIKS 2003: 6th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Vols. 1 and 2, Proceedings of papers. Pages: 449-452, Published: 2003; SCOPUS: Category number 03EX718; Code 106693;	0.25	2	16.25
	Dobre, O.A., Bădescu, I. , Minea, M. Markov characterization of a digital channel. 5th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Service (TELSIKS). ISBN:0-7803-7228-X, ISI WOS:000175459500110. Vols. 1 & 2, Proceedings. Pages: 579-580. INSPEC Accession Number: 7225965, Nis, Yugoslavia. sept. 19-21, 2001; SCOPUS: Category number 01EX517; Code 106793;	0.25	3	10.83

	Bădescu, I. , Dobre, O.A., Minea, M. Cyclic spectral codes. TELSIKS '99: 4th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Proceedings, Vols. 1 and 2. Pages: 255-258, ISBN 0-7803-5768-X, ISI WOS:000089497200054, INSPEC Accession Number: 6536732, Nis, Yugoslavia, 1999; SCOPUS: Category number 99EX365; Code 106694;	0.25	3	10.83
	Dobre, O.A., Bădescu,I. , Minea, M. . Computer model for a land mobile fading channel. 4th International Conference on Telecommunications in Modern Cable, Satellite and Broadcasting Services (TELSIKS 99), Proceedings vols. 1 and 2, pp. 244-246, ISBN 0-7803-5768-X, ISI WOS:000089497200051, INSPEC Accession Number: 6536729, Nis, Yugoslavia, 1999; SCOPUS: Category number 99EX365; Code 106694;	0.25	3	10.83
	Minea, M., Bădescu, I., Dobre, O.A., Wetzel, N. Estimation of disturbative effects of electric traction on data transmission equipment for high-speed trains. 4th International Conference on Telecommunications in Modern Cable, Satellite and Broadcasting Services (TELSIKS 99). Proceedings pp. 106-109. ISBN 0-7803-5768-X, ISI WOS:000089497200022. INSPEC Accession Number: 6543968, Nis, Yugoslavia, 1999. SCOPUS: Category number 99EX365; Code 106694.	0.25	4	8.13
		41.681		1110.89
<b>TOTAL A 2.1</b>		<b>41.681</b>		<b>1110.89</b>
A 2.2	Minea,M. , Badescu,I., Dumitrescu, S. Efficiency of Multimodal Real-time Travel and Traffic Information Services employing Mobile Communications. Telecommunication in Modern Satellite Cable and Broadcasting Services (TELSIKS), 2011 10th International Conference on. Pp. 765-768, Nis, Serbia, 2011, Indexare IEEE Explore		3	6.67
	Minea, M., Timnea,R.S. , Stan, G. Integrated Platform for Road Traffic Safety Data Collection and Information Management. 2010 Fifth International Multi-Conference on Computing in the Global Information Technology (ICCGI). Indexare IEEE Explore. CD product number E4181, BMS part number CFP10408-CDR, ISBN 978-0-7695-4181-3; Pages: 54 - 59, DOI: 10.1109/ICCGI.2010.23, Indexare INSPEC Accession Number: 11648810; 2010 September 20-25, Valencia, Spain (IEEE)		3	6.67
	Niculescu, M.C., Ropot,F. ,Minea, M. Analysis of the Requirements for the Communication Link used in the Transmission of e-CALL Messages. 16th Conference on Automatic Control, Modelling and Simulation ACMOS, vol. 14. Advances in Automatic Control, pp. 169-174, ISBN 978-960-474-383-4, Indexari: Google Academic, Springer		3	6.67
	Riches, E., Minea, M. The Bucharest Traffic Management System - Delivering an Integrated ITS Solution. Traffic engineering & control Journal, vol. 48, Issue 5, pp. 224-227, 2007. Indexari: Google Scholar, Scopus		2	10.00



	Catana, E., Minea, M. et al.. Integrated Adaptive Urban Traffic Control System with Public Transport Management System in the Bucharest E-BISUT Project. 12th World Congress on Intelligent Transport Systems, 6 pages, 2005. Indexari: Google Academic, Scopus, TRID (TRIS & ITRD)		6	3.33
	Minea, M. Modelling the Quality of Service for the Communication Chain Employed in Mobile Real-Time Information Systems. ACMOS 2014 Conference, Proceedings and Advances in Automatic Control, pp. 193-198. Brasov, Romania. Indexări: EI-Compendex, DBLP, SCOPUS, Google Scholar, Springer-link		1	20.00
	Minea, M.; Gheorghiu, R.A.. On the connectivity of vehicular ad-hoc networks in highway scenarios. ICECom 2016 - Conference Proceedings, 22nd International Conference on Applied Electromagnetics and Communications. DOI: 10.1109/ICECom.2016.7843897. EID: 2-s2.0-85015196522, Indexare SCOPUS		2	10.00
				63.33
	<b>TOTAL A 2.2</b>			<b>63.33</b>
A 2.3.1				
A 2.3.2	Minea M; Dumitrescu C; Chiva I C; Minea V L; Semenescu A. Sistem de culegere anonimă a informațiilor de poziție și mobilitate în transportul public de călători, bazată pe Bluetooth și inteligență artificială. RO134415-B1 / 2022.	0.5	5	5.00
	Bureștea, D.L., Cormoș, A.C., Nemțanu, F.C., Minea, M., Timnea, R.S., Iordache, V., Gheorghiu, R.A.. System and a method for graphically and acoustically assisting vehicle driver by providing information concerning indications of traffic-control lights. Sistem și metodă pentru asistarea în trafic a unui conducător de vehicul. RO128955-B1. Publicat în RO BOPI 12/2018.	0.5	7	3.57
	<b>TOTAL A 2.3.2</b>	<b>1.00</b>		<b>8.57</b>
A 2.4.1. 1	Proiect Internațional FP7: Intelligent and Efficient Travel Management for European Cities – In-Time; Grant Agreement: 238880 ICT PSP; Competitiveness and Innovation Framework Programme (ICT Policy Support Programme); CIP-ICT-PSP-2008-2; Objective 2.2; Pilot Type 2 – funcția ocupată: Director de Proiect, Partener P5 UPB, 2009 – 2012; <a href="http://www.research.softeco.it/in-time.aspx">http://www.research.softeco.it/in-time.aspx</a> . Partener principal: 1. ATE- AUSTRIATECH - GESELLSCHAFT DES BUNDES FUERTECHNOLOGIEPOLITISCHE MASSNAHMEN GMBH, Total parteneri proiect: 22. Buget total: 1.838.866 EUR	Resp. Partener proiect	3	60.00
	2007-1974/001-001LE3 MULPRO Grant Internațional Ag. Națională Leonardo da Vinci - “Improving Safety And Security In Public Surface Transport” Project (acronym “ISSTE”) In The Lifelong Learning-Leonardo Da Vinci 2007 Programme; funcție: Director de Proiect UPB-CEPETET (2007 – 2010). Partener principal: Trambus SpA, Italia. Total parteneri proiect: 8. Buget total: 518.454 EUR <a href="http://www.scabg.net/projects/2007-2010-ISSTE-">http://www.scabg.net/projects/2007-2010-ISSTE-</a>	Resp. Partener proiect	3	60.00

	Improving%20safety%20and%20security%20in%20public%20surface%20transport.html			
<b>TOTAL A 2.4.1.1</b>				<b>120.00</b>
A 2.4.1. 2	71-018-2/14.09.2007 - Sistem on-line de monitorizare a traficului rutier pentru asigurarea siguranței și fluenței circulației în aglomerații urbane și îmbunătățirea calității vieții – SAFETRAFF, Programul 4 „Parteneriate în domenii prioritare”, 2007-2010. Parteneri: CO – SC ITC – Institutul pentru Tehnică de Calcul SA P1 – SC SIAT SA P2 - Universitatea POLITEHNICA din București – Centrul de Cercetarea, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET) P3 – Universitatea Lucian Blaga din Sibiu <a href="http://www.cnmp.ro/pncdi2/program4/competitie/main/index.php?&amp;we=26531b94a8aa9ff7df5c5d983a506cd6&amp;wf=detail&amp;id=882&amp;wchk=2a52ea9949c56bd1cea4c8c758e9b00e">http://www.cnmp.ro/pncdi2/program4/competitie/main/index.php?&amp;we=26531b94a8aa9ff7df5c5d983a506cd6&amp;wf=detail&amp;id=882&amp;wchk=2a52ea9949c56bd1cea4c8c758e9b00e</a>	Resp. Partener proiect	3	30.00
	Program CEEEX 2006 - 53 / 20.07.2006 - Sistem informatic pentru administrarea on-line a traficului urban, suport pentru mobilitatea persoanelor în condiții de confort și siguranță, componentă a dezvoltării durabile în context european (MONITRAF); Parteneri: P1-CO – SC ITC – Institutul pentru Tehnică de Calcul SA P2 – SC SIAT SA P3 – Universitatea POLITEHNICA din București – Centrul de Cercetarea, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET) P4 – SSIB P5 – PMS Funcție ocupată: Director de proiect UPB-CEPETET; <a href="http://www.cnmp.ro/ceex/comp1_2006/oferta.php?id=522">http://www.cnmp.ro/ceex/comp1_2006/oferta.php?id=522</a>	Resp. Partener proiect	3	30.00
	Program Național de Cercetare MENER, PED Nr.425/20.09.04, Subprogram A/A.5; „Tehnologie de monitorizare a nivelului de poluare pentru reducerea impactului transportului urban asupra mediului. Sistem pilot – TRAFICPOL”; Parteneri: Institutul pentru Tehnică de Calcul (ITC) București - ITS România — SSI Bucovina – Primăria Municipiului Suceava; Funcție ocupată: Director de proiect ITS România	Resp. Partener proiect	2	20.00
	Program național INFOSOC, 16B/.2005 – Sistem telematic avansat de informare a cetățenilor privind transportul public local. Sistem pilot. (INFOCITE)” Coord. SIAT SA, part. RATB, RASSCO TRAFFIC SRL, UPB-CEPETET; Funcție în cadrul proiectului: Director de proiect UPB-CEPETET;	Resp. Partener proiect	2	20.00



	CEEX X2C25/09.2006 – Servicii avansate de informare și ghidare pentru conducători auto și călători utilizând hărți digitale – SAIGHID. Valoarea proiectului: 130.778 lei. Coordonator: Organizația Română pentru Implementarea Sistemelor Inteligente de Transport ITS România. Autoritatea contractantă: SC IPA SA – Societatea pentru Cercetare, Proiectare și Producție de Echipamente și Instalații de Automatizare. București 2006-2008, Funcție în cadrul proiectului: Director de proiect UPB-CEPETET;	Resp. Partener proiect	2	20.00
	7C11/09.2004 – Platformă pilot avansată de management online a informațiilor cu privire la transportul și traficul rutier, în concordanță cu evoluția mediului socio-economic național și cerințele de integrare europeană – INFOTRAFIC. Program Național AMTRANS. București 2004-2006	Resp. Partener proiect	2	20.00
<b>TOTAL A 2.4.1.2</b>				<b>140.00</b>
A 2.4.2. 1	-	-	-	-
A 2.4.2. 2	71-115 / 14.09.2007 - Managementul performanțelor referitoare la fiabilitate, disponibilitate, mentenabilitate și siguranță pentru un sistem dispecer feroviar, aliniat la cerințele standardelor europene privind sistemele feroviare – MANDIF, Valoarea proiectului: 2.068.400 lei. Programul 4 „Parteneriate în domenii prioritare”, 2007-2010. Parteneri: CO - Universitatea POLITEHNICA din București – Centrul de Cercetare, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET) P1 – Transoft, P2 – Aerofina, P3 – AFER, P4 – ATKINS, UK.	Membru echipă cercetare	3	6.00
	72-213/2008 - Noi concepte, servicii și arhitecturi de informare și management al traficului de nave și al transportului pe ape interioare, armonizate cu tendințele europene – RIS-COSAR, Programul 4 „Parteneriate în domenii prioritare”, 2007-2010, Valoarea proiectului: 2.164.489 lei. Parteneri: CO – Universitatea POLITEHNICA din București – Centrul de Cercetare, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET) P1 – Organizația Română pentru Implementarea Sistemelor Inteligente de Transport P2 – TeamNet International SA P3 – CN Administrația Canalelor Navigabile SA	Membru echipă cercetare	2	4.00
	CEEX X2C23/09.2006 – Managementul riscului în cadrul unui sistem de centralizare electronică a stațiilor de cale ferată - MaRis. Valoarea proiectului: 1.498.600 lei. Parteneri: P1-CO – Universitatea POLITEHNICA din București – Centrul de Cercetare, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET) P2 – TT, P3 – Transsoft, P4 – Aerofina, P5 – AFER Program Cercetare de Excelență. București 2006-2008	Membru echipă cercetare	2	4.00

	<p>CEEX 121/15.09.2006 Soluții inovative destinate vehiculelor inteligente pentru modernizarea și dezvoltarea transportului public în concordanță cu cerințele de mobilitate urbană durabilă (SMARTBUS); Valoarea proiectului: 225.000 lei.</p> <p>Parteneri:  P1-CO – SC ITC – Institutul pentru Tehnică de Calcul SA  P2 – SC IPA SA  P3 – SC SIAT SA  P4 – Universitatea POLITEHNICA din București – Centrul de Cercetarea, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET)  P5 – SC Software și Sisteme Informatice „Bucovina” SA  Program Cercetare de Excelență. București 2006-2008</p>	Membru echipă cercetare	2	4.00
	<p>CEEX 160/09.2006 – Managementul integrat al resurselor în transportul public local - TRESMAN. Valoarea proiectului: 1.700.000 lei. Parteneri:  CO - Universitatea POLITEHNICA din București – Centrul de Cercetarea, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET)  P1 – SC SIAT S.A.  P2 – Regia Autonomă de Transport București  P3 – SC ASTER Consulting SRL  P4 – ITS România  Program Cercetare de Excelență. București 2006-2008</p>	Membru echipă cercetare	2	4.00
	<p>CEEX - 45/09.2005 – Creșterea siguranței intrinseci a infrastructurii de semnalizare rutiera , în contextul armonizării cu normativele europene – ROSARO. Valoarea proiectului: 1.500.000 lei. Parteneri:  CO - Universitatea POLITEHNICA din București – Centrul de Cercetarea, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET)  P1 - SC ITC – Institutul pentru Tehnică de Calcul SA  P2 - SC SIAT SA  P3 - SICOR  Program Cercetare de Excelență. București 2005-2008</p>	Membru echipă cercetare	3	6.00
	<p>CEEX - 7/09.2005 – Tehnologie informatica de simulare si analiza a fluxurilor de circulatie urbana, suport pentru managementul traficului, componenta a dezvoltarii durabile – TRAFICSIM. Valoarea proiectului: 1.970.322,60 lei.</p> <p>Parteneri:  P1-CO – SC ITC – Institutul pentru Tehnică de Calcul SA  P2 – Societatea comercială pentru cercetare, proiectare și producție de echipamente și instalații de automatizare – SC IPA SA  P3 – Universitatea POLITEHNICA din București – Centrul de Cercetarea, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET)  P4 – SC SIAT SA  Program Cercetare de Excelență. București 2005-2008</p>	Membru echipă cercetare	3	6.00

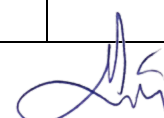
CEEX - 8/09.2005 – Servicii integrate mobile de informare pentru cetatean, suport pentru accesul la rețeaua de transport public urban – tehnologii de asistare într-o societate bazată pe cunoaștere - TRANSASIST. Valoarea proiectului: 1.852.741,90 lei. Parteneri: P1-CO – SC ITC – Institutul pentru Tehnică de Calcul SA P2 – Societatea comercială pentru cercetare, proiectare și producție de echipamente și instalații de automatizare – SC IPA SA P3 – Universitatea POLITEHNICA din București – Centrul de Cercetare, Proiectare, Service și Consulting în domeniul Telecomenzilor și Electronicii în Transporturi – (UPB-CEPETET) P4 – Institutul Național de Cercetare-Dezvoltare în Informatică - ICI Program Cercetare de Excelență. București 2005-2008	Membru echipă cercetare	3	6.00
CEEX – X1C04/09.2005 – Echipamente moderne pentru alimentarea serviciilor auxiliare, agregate de condiționare a aerului și unități de comandă, reglare, diagnoză, destinate vagoanelor de călători în curs de modernizare și a celor noi - EMVC. Program Cercetare de Excelență. București 2005-2008	Membru echipă cercetare	3	6.00
Securitate-7/09.2005 – Arhitectura de securitate pentru protecția obiectivelor de importanță strategică în zona litorală și a apelor interioare împotriva acțiunilor teroriste. Program Securitate. București 2005-2006	Membru echipă cercetare	1	2.00
2173/4.11.2004 – Echipament inteligent de localizare și indentificare a vagoanelor de tramvai. Prototip omologat. Program Național RELANSIN. București 2004-2006	Membru echipă cercetare	2	4.00
1695/28.09.2004 – Sistem telematic avansat de informare a cetățenilor privind transportul public local. Sistem pilot. Program Național INFOSOC. București 2004-2006.	Membru echipă cercetare	2	4.00
7C11/09.2004 – Platformă pilot avansată de management online a informațiilor cu privire la transportul și traficul rutier, în concordanță cu evoluția mediului socio-economic național și cerințele de integrare europeană – INFOTRAFIC. Program Național AMTRANS. București 2004-2006	Membru echipă cercetare	2	4.00
7C06/14.09.2004 – Sistem telematic avansat de management al priorităților transportului public local în intersecțiile semaforizate. Sistem pilot demonstrativ – PRIOTRANS. Program Național AMTRANS. București 2004-2006	Membru echipă cercetare	2	4.00
7C05/13.09.2004 – Sistem inteligent de management al resurselor în transportul multimodal de mărfuri. Sistem pilot demonstrativ – SINMAR-TMM. Program Național AMTRANS. București 2004-2006	Membru echipă cercetare	2	4.00
6C01/30.10.2003 – Sistem telematic avansat pentru informarea călătorilor transportului public local – Sistem Pilot (SICROM). Program Național AMTRANS. București 2003-2005.	Membru echipă cercetare	2	4.00
7C20/22.09.2004 – Soluții integrate de logistică pentru gestionarea activităților de transport rutier intern și internațional. Program Național AMTRANS. București 2004-2006	Membru echipă cercetare	2	4.00
1C09/2001 – Elaborarea Manualului ITS (Intelligent	Membru	1	2.00

	Transport Systems). Program Național AMTRANS. București, 2001-2002	echipă cercetare		
	1C01/2001 – Sistem de Optimizare, Monitorizare și Comerț Electronic în domeniul transportului rutier – SOMCET-Net. Programul Național AMTRANS. București 2001-2003	Membru echipă cercetare	2	4.00
	C6(C1-94 INF17) – Sistem Telematic Avansat de Management al Traficului Rutier Urban. Program INFOSOC. București, 2001-2002	Membru echipă cercetare	1	2.00
<b>TOTAL A 2.4.2.2</b>				<b>84.00</b>
<b>FACTOR DE IMPACT CUMULAT</b>		<b>42.681</b>		
<b>TOTAL A2</b>				<b>1526.79</b>

### Categoria A3

#### PUBLICAȚII CITATE DE LUCRĂRI INDEXATE ISI WEB OF KNOWLEDGE

Subcategorie	Denumire articol/prezentare - citat de:	Nr. citări ISI	Nr. autori	Punctaj	Obs.
A 3.1.1	<b>Minea, M.; Dumitrescu, C.M.; Dima, M.</b> <b>"Robotic Railway Multi-Sensing and Profiling Unit Based on Artificial Intelligence and Data Fusion". Sensors 2021, 21, 6876.</b> <a href="https://doi.org/10.3390/s21206876">https://doi.org/10.3390/s21206876</a> , <b>WOS:000714796100001</b>	2	3	5.33	Q1, IF 3,847
	Judek, S.; Wilk, A.; Koc, W.; Lewiński, L.; Szumisz, A.; Chrostowski, P.; Grulkowski, S.; Szmagliński, J.; Michna, M.; Karwowski, K.; Skibicki, J.; Licow, R. Preparatory Railway Track Geometry Estimation Based on GNSS and IMU Systems. Remote Sens. 2022, 14, 5472. <a href="https://doi.org/10.3390/rs14215472">https://doi.org/10.3390/rs14215472</a> , WOS:000881471000001	1			
	Andrusca, M.; Adam, M.; Dragomir, A.; Lunca, E. Innovative Integrated Solution for Monitoring and Protection of Power Supply System from Railway Infrastructure. Sensors 2021, 21, 7858. <a href="https://doi.org/10.3390/s21237858">https://doi.org/10.3390/s21237858</a> , WOS:000735110900001	1			
A 3.1.1	<b>Minea, M.; Dumitrescu, C.M.; Minea, V.L.</b> <b>"Intelligent Network Applications Monitoring and Diagnosis Employing Software Sensing and Machine Learning Solutions". Sensors 2021, 21, 5036.</b> <a href="https://doi.org/10.3390/s21155036">https://doi.org/10.3390/s21155036</a> , <b>WOS:000682176000001</b>	4	3	10.67	Q1, IF 3,847
	Dumitrescu, C.; Costea, I.-M.; Semenescu, A. Using Brain-Computer Interface to Control a Virtual Drone Using Non-Invasive Motor Imagery and Machine Learning. Appl. Sci. 2021, 11, 11876. <a href="https://doi.org/10.3390/app112411876">https://doi.org/10.3390/app112411876</a> , WOS:000739665600001	1			
	Li, Zhiming. Fault Diagnosis of Subway Mechanical Equipment Based on 5G Intelligent Sensor Network Signal Processing. Journal of Sensors, vol. 2022, article number: 3266205, DOI10.1155/2022/3266205, ISSN: 1687-725X, HINDAWI LTDADAM HOUSE, 3RD FLR, 1 FITZROY SQ, LONDON W1T 5HF, ENGLAND.	1			



	WOS:000880073300004				
	Brodny, J.; Tutak, M. Applying Sensor-Based Information Systems to Identify Unplanned Downtime in Mining Machinery Operation. <i>Sensors</i> 2022, 22, 2127. <a href="https://doi.org/10.3390/s22062127">https://doi.org/10.3390/s22062127</a> , WOS:000774352100001	1			
	T. Guo, T. Zhang, E. Lim, M. López-Benítez, F. Ma and L. Yu, "A Review of Wavelet Analysis and Its Applications: Challenges and Opportunities," in <i>IEEE Access</i> , vol. 10, pp. 58869-58903, 2022, doi: 10.1109/ACCESS.2022.3179517, WOS:000809391500001	1			
<b>A 3.1.1</b>	<b>Minea, M.; Dumitrescu, C.; Costea, I.M.; Chiva, I.C.; Semenescu, A. "Developing a Solution for Mobility and Distribution Analysis Based on Bluetooth and Artificial Intelligence". <i>Sensors</i> 2020, 20, 7327. <a href="https://doi.org/10.3390/s20247327">https://doi.org/10.3390/s20247327</a>, WOS:000603324600001</b>	<b>1</b>	<b>5</b>	<b>1.60</b>	<b>Q1, IF 3,847</b>
	Dumitrescu, C.; Ciotirnae, P.; Vizitiu, C. Fuzzy Logic for Intelligent Control System Using Soft Computing Applications. <i>Sensors</i> 2021, 21, 2617. <a href="https://doi.org/10.3390/s21082617">https://doi.org/10.3390/s21082617</a> , WOS:000644809100001	1			
<b>A 3.1.1</b>	<b>Dumitrescu, C.; Minea, M.; Costea, I.M.; Cosmin Chiva, I.; Semenescu, A. "Development of an Acoustic System for UAV Detection". <i>Sensors</i> 2020, 20, 4870. <a href="https://doi.org/10.3390/s20174870">https://doi.org/10.3390/s20174870</a>, WOS:000569742800001</b>	<b>7</b>	<b>5</b>	<b>11.20</b>	<b>Q1, IF 3,847</b>
	M. -A. Lahmeri, M. A. Kishk and M. -S. Alouini, Artificial Intelligence for UAV-Enabled Wireless Networks: A Survey, in <i>IEEE Open Journal of the Communications Society</i> , vol. 2, pp. 1015-1040, 2021, doi: 10.1109/OJCOMS.2021.3075201. WOS:000710534700003	1			
	Gluck, T.; Kravchik, M.; Chocron, S.; Elovici, Y.; Shabtai, A. Spoofing Attack on Ultrasonic Distance Sensors Using a Continuous Signal. <i>Sensors</i> 2020, 20, 6157.	1			

	<a href="https://doi.org/10.3390/s20216157">https://doi.org/10.3390/s20216157</a> , WOS:000589207300001				
	Madokoro, H.; Yamamoto, S.; Watanabe, K.; Nishiguchi, M.; Nix, S.; Woo, H.; Sato, K. Prototype Development of Cross-Shaped Microphone Array System for Drone Localization Based on Delay-and-Sum Beamforming in GNSS-Denied Areas. Drones 2021, 5, 123. <a href="https://doi.org/10.3390/drones5040123">https://doi.org/10.3390/drones5040123</a> , WOS:000737063600001	1			
	Fang, J; Finn, A; Wyber, R; Brinkworth, RSA. Acoustic detection of unmanned aerial vehicles using biologically inspired vision processing. Journal of the Acoustical Society of America, Volume151, Issue2, Page 968-981, DOI10.1121/10.0009350, WOS:000758825600003	1			
	Liu, SL; Qu, JY and Wu, RB. HollowBox: An anchor-free UAV detection method. IET Image Processing, Volume16, Issue11, Page2922-2936, DOI10.1049/ipr2.12523, WOS:000811594100001	1			
	Utebayeva, D.; Ilipbayeva, L.; Matson, E. Practical Study of Recurrent Neural Networks for Efficient Real-Time Drone Sound Detection: A Review. Drones 2023, 7, 26. <a href="https://doi.org/10.3390/drones7010026">https://doi.org/10.3390/drones7010026</a> , Accession number CCC:000914557600001, <a href="https://www.webofscience.com/wos/allldb/full-record/CCC:000914557600001">https://www.webofscience.com/wos/allldb/full-record/CCC:000914557600001</a>	1			
	Arif, Muhammad; Guptha M, Nageswara; Guruprasad, Y. K.; Teekaraman, Yuvaraja; Kuppusamy, Ramya; Thelkar, Amruth Ramesh "Generative Adversarial Networks for Unmanned Aerial Vehicle Object Detection with Fusion Technology", 2022 ISSN 0197-6729, <a href="https://doi.org/10.1155/2022/7111248">https://doi.org/10.1155/2022/7111248</a> , Journal of Advanced Transportation, Hindawi, WOS:000791188300001	1			



A 3.1.1	<p>Minea, M ; Dumitrescu, C ; Costea, IM. "Non-Intrusive Driver Condition Monitoring in Highly Automated Vehicles with Medical Information Support for Emergency Calling", 2019 42ND INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), Page62-66, Published2019, WOS:000493442800013</p>	1	3	2.67	
	<p>Yang, Z ; Mitsui, K ; Wang, JQ; Saito, T ; Shibata, S ; Mori, H ; Ueda, G. Non-Contact Heart-Rate Measurement Method Using Both Transmitted Wave Extraction and Wavelet Transform, Sensors, Volume21, Issue8, Article Number2735, DOI10.3390/s21082735, PublishedAPR 2021. WOS:000644794200001</p>	1			
A 3.1.1	<p>Gheorghiu, RA; Iordache, V; Minea, M. "Messaging capabilities of V2I networks" 11TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2017 / Procedia Manufacturing Volume: 22, Pages: 476-484, ISSN 2351-9789, WOS000456199200068</p>	5	3	13.33	
	<p>Aza, A., Melendi, D., García, R. et al. Bluetooth 5 performance analysis for inter-vehicular communications. Wireless Netw 28, 137–159 (2022). <a href="https://doi.org/10.1007/s11276-021-02830-9">https://doi.org/10.1007/s11276-021-02830-9</a>, WOS:000719737900002</p>	1			
	<p>García-Ortiz, J.C.; Silvestre-Blanes, J.; Sempere-Payá, V. Experimental Application of Bluetooth Low Energy Connectionless in Smart Cities. Electronics 2021, 10, 2735. <a href="https://doi.org/10.3390/electronics10222735">https://doi.org/10.3390/electronics10222735</a>, WOS:000815328700001</p>	1			
	<p>Ortiz, JCG; Silvestre-Blanes, J; Sempere-Paya, V ; Tortajada, RP. "Feasibility of Bluetooth 5.0 connectionless communications for 12V applications" Book Group Author: IEEE, 2020 25TH IEEE INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND FACTORY AUTOMATION (ETF A), Book SeriesIEEE International Conference on Emerging Technologies and Factory Automation-ETF A, Page1119-1122, Published2020, Indexed2021-04-24, Document Type Proceedings Paper, WOS:000627406500156</p>	1			

	Banach, M ; Dlugosz, R . "Techniques to Facilitate the Use of V2I Communication System as Support for Traffic Sign Recognition Algorithms", 019 24TH INTERNATIONAL CONFERENCE ON METHODS AND MODELS IN AUTOMATION AND ROBOTICS (MMAR), Page308-313 Published2019, Indexed2020-08-19, Document TypeProceedings Paper, WOS:000556208300053	1			
	Martínez, A.; Cañibano, E.; Romo, J. Analysis of Low Cost Communication Technologies for V2I Applications. Applied Sciences-Basel 2020, 10, 1249. <a href="https://doi.org/10.3390/app10041249">https://doi.org/10.3390/app10041249</a> - WOS:00052528790005	1			
<b>A 3.1.1</b>	<b>R.A. Gheorghiu, V. Iordache, M. Minea, A.C. Cormoș. "Bluetooth latency analysis for vehicular communications in a Wi-Fi noisy environment." 2017 40th International Conference on Telecommunications and Signal Processing (TSP). DOI: 10.1109/TSP.2017.8075956. WOS000425229000030</b>	<b>6</b>	<b>4</b>	<b>12.00</b>	
	J. Barnett et al., "Automated Vehicles Sharing the Road: Surveying Detection and Localization of Pedalcyclists," in IEEE Transactions on Intelligent Vehicles, doi: 10.1109/TIV.2020.3046859, WOS:000722000500007	1			
	Aza, A.; Melendi, D.; Garcia, R; Paneda, X.G.; Pozueco, L.; Corcoba, V. "Bluetooth 5 performance analysis for inter-vehicular communications". WIRELESS NETWORKS, Volume28, Issue1, Pages 137-159, Special IssueSI DOI10.1007/s11276-021-02830-9, Published JAN 2022, Indexed2021-11-26, WOS:000719737900002	1			
	Y. Minami, R. Saka, E. Kohno and Y. Kakuda, "On the Effect of BLE Beacons on Fast Bluetooth Connection Establishment Scheme," 2019 Seventh International Symposium on Computing and Networking Workshops (CANDARW), 2019, pp. 28-32, doi: 10.1109/CANDARW.2019.00012, WOS:000532701200005	1			

	K. Surakitbovorn and J. Rivas-Davilla, "Design of a GaN-Based Wireless Power Transfer System at 13.56 MHz to Replace Conventional Wired Connection in a Vehicle," 2018 International Power Electronics Conference (IPEC-Niigata 2018 -ECCE Asia), 2018, pp. 3848-3854, doi: 10.23919/IPEC.2018.8507473, WOS:000449328903127	1			
	J. Barnett et al., "Automated Vehicles Sharing the Road: Surveying Detection and Localization of Pedalcyclists," in IEEE Transactions on Intelligent Vehicles, doi: 10.1109/TIV.2020.3046859, WOS:000722000500007	1			
	R. A. Gheorghiu, V. Iordache and I. Badescu, "Analysis of possible Wi-Fi interferences of wireless communications implemented in vehicular environments," 2017 13th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS), 2017, pp. 244-247, doi: 10.1109/TELSIKS.2017.8246273 WOS:000425463200051	1			
<b>A 3.1.1</b>	<b>V. Iordache, R. A. Gheorghiu, M. Minea and A. C. Cormos, "Field testing of Bluetooth and ZigBee technologies for vehicle-to-infrastructure applications," 2017 13th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS), 2017, pp. 248-251, doi: 10.1109/TELSIKS.2017.8246274, WOS:000425463200052</b>	<b>8</b>	<b>4</b>	<b>16.00</b>	
	R. Q. Malik et al., "Mapping and Deep Analysis of Vehicle-to-Infrastructure Communication Systems: Coherent Taxonomy, Datasets, Evaluation and Performance Measurements, Motivations, Open Challenges, Recommendations, and Methodological Aspects," in IEEE Access, vol. 7, pp. 126753-126772, 2019, doi: 10.1109/ACCESS.2019.2927611, WOS:000487231700011	1			
	R. Q. Malik, A. A. Zaidan, B. B. Zaidan. "Novel Roadside Unit Positioning Framework in the Context of the Vehicle-to-Infrastructure Communication System Based on AHP — Entropy for Weighting and Borda — VIKOR for	1			

	Uniform Ranking." <a href="https://doi.org/10.1142/S0219622021500061">https://doi.org/10.1142/S0219622021500061</a> , WOS:000831081900005				
	Altaf, I., Kaul, A. "Vulnerable road user safety: A systematic review and mesh-networking based vehicle ad hoc system using hybrid of neuro-fuzzy and genetic algorithms". INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS. Volume34, Issue13, Article Numbere4907, DOI10.1002/dac.4907, WOS:000670402500001 Published SEP 10 2021, Early AccessJUL 2021. Indexed2021-07-17	1			
	Nguyen, A.Q., Tran, H.A., Tran, T.H., Dao, N.P. "Implementation of a WiFi-based V2V-V2I Communication Unit for Low Speed Vehicles". 2021 INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES FOR COMMUNICATIONS (ATC 2021). Book SeriesProceedings International Conference on Advanced Technologies for Communications Page79-82. DOI10.1109/ATC52653.2021.9598224 Published2021 Indexed2022-05-11. Document TypeProceedings Paper, Conference MeetingInternational Conference on Advanced Technologies for Communications (ATC). LocationHo Chi Minh City, VIETNAM, DateOCT 14-16, 2021, WOS:000788323300015	1			
	Rojas, Beimar; Bolaños, Cristhian; Salazar-Cabrera, Ricardo; Ramírez-González, Gustavo; Pachón de la Cruz, Álvaro; Madrid Molina, Juan M. 2020. "Fleet Management and Control System for Medium-Sized Cities Based in Intelligent Transportation Systems: From Review to Proposal in a City" Electronics 9, no. 9: 1383. <a href="https://doi.org/10.3390/electronics9091383">https://doi.org/10.3390/electronics9091383</a> , WOS:000581309600001	1			
	Arena, Fabio; Pau, Giovanni. 2019. "An Overview of Vehicular Communications" Future Internet 11, no. 2: 27. <a href="https://doi.org/10.3390/fi11020027">https://doi.org/10.3390/fi11020027</a> , WOS:000460740900002	1			



	lordache, V., Gheorghiu, R.A., Stan, V.A., Tarla, M. "ZigBee localization system for public transport vehicles", ROCEEDINGS OF THE 11TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE (ECAI-2019) Book SeriesInternational Conference on Electronics Computers and Artificial Intelligence. Published 2019. Indexed2020-09-29. LocationPitesti, ROMANIA DateJUN 27-29, 2019. WOS:000569985400064	1			
	Gheorghiu, R.A.; lordache, V. Use of Energy Efficient Sensor Networks to Enhance Dynamic Data Gathering Systems: A Comparative Study between Bluetooth and ZigBee. Sensors 2018, 18, 1801. <a href="https://doi.org/10.3390/s18061801">https://doi.org/10.3390/s18061801</a> , WOS:000436774300135	1			
<b>A 3.1.1</b>	<b>lordache, V; Gheorghiu, RA; Minea, M. "On the Usability of Bluetooth in V2I based Communications for Extended Infrastructure Support", 2017 13TH INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES, SYSTEMSAND SERVICES IN TELECOMMUNICATIONS (TELSIKS). Pages: 287-290, ISBN 978-1-5386-1800-4, WOS000425463200059</b>	<b>4</b>	<b>3</b>	<b>10.67</b>	
	García-Ortiz, J.C.; Silvestre-Blanes, J.; Sempere-Payá, V. "Experimental Application of Bluetooth Low Energy Connectionless in Smart Cities". Electronics 2021, 10, 2735. <a href="https://doi.org/10.3390/electronics10222735">https://doi.org/10.3390/electronics10222735</a> , WOS:000815328700001	1			
	Belhassen, H; Verney, E. "Proof of Concept of Vehicle to Infrastructure Power Line Communication Link for Tramway CCTV", IEEE INTELLIGENT TRANSPORTATION SYSTEMS MAGAZINE, Volume13, Issue 3, Page89-98, DOI10.1109/MITS.2019.2953507, Published 2021, Indexed 2021-08-17, Document TypeArticle, WOS:000680471900009	1			
	Ortiz, JCG; Silvestre-Blanes, J; Sempere-Paya, V ; Tortajada, RP. "Feasability of Bluetooth 5.0 connectionless communications for 12V applications" Book Group Author: IEEE, 2020 25TH IEEE INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND FACTORY AUTOMATION (ETFA), Book SeriesIEEE	1			

	International Conference on Emerging Technologies and Factory Automation-ETFA, Page1119-1122, Published2020, Indexed2021-04-24, Document Type Proceedings Paper, WOS:000627406500156				
	Landauer, C. "Degrees of Intimacy in SiSSy Systems: "How to Join a Team", IEEE 2019 IEEE 4TH INTERNATIONAL WORKSHOPS ON FOUNDATIONS AND APPLICATIONS OF SELF* SYSTEMS (FAS*W 2019), Pages 10-17, DOI10.1109/FAS-W.2019.00017, Published 2019, Indexed 2020-03-24, Document Type Proceedings Paper, WOS:000518905900004	1			
<b>A 3.1.1</b>	<b>Iordache, V ; Gheorghiu, RA ; Minea, M. "Analysis of Interferences in Data Transmission for Wireless Communications Implemented in Vehicular Environments". PROCEEDINGS OF THE 2017 FEDERATED CONFERENCE ON COMPUTER SCIENCE AND INFORMATION SYSTEMS (FEDCSIS). Book Series Federated Conference on Computer Science and Information Systems, Page849-852, DOI10.15439/2017F284, Published2017. WOS:000417412800123</b>	<b>1</b>	<b>3</b>	<b>2.67</b>	
	Oliveira, L.; Rodrigues, J.J.P.C.; Kozlov, S.A.; Rabêlo, R.A.L.; Albuquerque, V.H.C.d. MAC Layer Protocols for Internet of Things: A Survey. Future Internet 2019, 11, 16. <a href="https://doi.org/10.3390/fi11010016">https://doi.org/10.3390/fi11010016</a> , WOS:000459675400008	1			
<b>A 3.1.1</b>	<b>C. Dumitrescu, I. Costea, M. Minea, A. Banica. "Analysis of Facial Expressions using Thermal Imaging." 2016 39th Spring Seminar on Electronics Technology. Pilsen, Czech Republic. Book Series: International Spring Seminar on Electronics Technology ISSE. Pages: 306-315 INSPEC Accession Number: 16285015, DOI: 10.1109/ISSE.2016.7563210</b>	<b>2</b>	<b>4</b>	<b>4.00</b>	

	Rehman, AU ; Javid, T; Khan, IU ; Murtaza, A. Thermal Imaging in Smart Applications, RECENT ADVANCES IN APPLIED THERMAL IMAGING FOR INDUSTRIAL APPLICATIONS, Book SeriesAdvances in Civil and Industrial Engineering Book Series, Page147-174, DOI10.4018/978-1-5225-2423-6.ch006 Accession NumberWOS:000404893700007, ISBN978-1-5225-2424-3978-1-5225-2423-6, ISSN2326-6155	1			
	Rooj, S; Antesh, U; Bhattacharya, S; Routray, A; Mandal, MK. Emotion Classification of Facial Thermal Images using Sparse Coded Filters. IECON 2020: THE 46TH ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY, Book SeriesIEEE Industrial Electronics Society Page453-458, Published 2020, Indexed 2021-05-26, WOS:000637323700071	1			
<b>A 3.1.1</b>	<b>M. Minea; M.C. Surugiu; I.N. Stăncel; I. Bădescu. "A Survey on Vehicular Ad-Hoc Network Communications Efficiency in Dense Urban Traffic Scenarios" PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON TRAFFIC ANDTRANSPORT ENGINEERING (ICTTE). Pages: 191-199, ISBN 978-86-916153-3-8, WOS000391016300027</b>	<b>2</b>	<b>4</b>	<b>4.00</b>	
	Surugiu, MC; Stancel, IN. "Monitoring and warning system of a route based on roadside sensors in VANET", 12TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING (INTER-ENG 2018), Book Series: Procedia Manufacturing, Volume 32, Page 745-752, DOI10.1016/j.promfg.2019.02.281, Published: 2019, Indexed: 2019-06-24, Document Type: Proceedings Paper, WOS:000471295800106	1			
	Gheorghiu, RA; Stan, VA; Iordache, V; Zamfir, D. "Use of V2I Communications to Enhance Accuracy of the Estimated Time of Arrival in Crowded Transport Environments" PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE - ECAI 2017, Book Series: International Conference on Electronics Computers and Artificial Intelligence, Published 2017, Indexed 2018-03-	1			

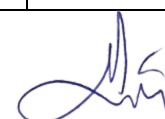




	14, Document Type: Proceedings Paper, WOS:000425865900044				
<b>A 3.1.1</b>	<b>Nemțanu, F; Minea, M; Buretea, D; Costea, I. "Development of the Romanian Cities Based on a European Smart City Concept" 4th International Academic Conference Strategica. STRATEGICA: OPPORTUNITIES AND RISKS IN THE CONTEMPORARY BUSINESS ENVIRONMENT. Book Series Title: Strategica, Pages: 1029-1039. ISBN 2392-702X / 978-606-749-181-4, WOS000392267300086</b>	<b>2</b>	<b>4</b>	<b>4.00</b>	
	Nemtanu, FC; Schlingensiepen, J. "New Technologies and ITS for Rail", SUSTAINABLE RAIL TRANSPORT, Book Series Lecture Notes in Mobility, Pages 225-247, DOI10.1007/978-3-319-58643-4_13, Published 2018, Indexed 2018-07-13, Document Type Proceedings Paper, WOS:000436422300013	1			
	Gheorghiu, RA ; Iordache, V; Cormos, AC. "Analysis of Handshake Time for Bluetooth Communications to be Implemented in Vehicular Environments", 2017 40TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), Barcelona, Pages 144-147, Published 2017, Indexed 2018-03-08, Document Type: Proceedings Paper, WOS:000425229000029	1			
<b>A 3.1.1</b>	<b>Nemțanu, FC; Minea, M; Costea, IM; Cormos, AC; Iordache, V. "Active and Dynamic Reliability Measures Based on an Autonomic Behavior of ITS", PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON TRAFFIC AND TRANSPORT ENGINEERING (ICTTE) Pages: 880-885. ISBN 978-86-916153-3-8, WOS000391016300125</b>	<b>2</b>	<b>5</b>	<b>3.20</b>	

	Stan, VA ; Gheorghiu, RA; Nemptanu, FC; lordache, V. "Highly efficiency radio network solution for Smart City infrastructure", PROCEEDINGS OF THE 2018 10TH INTERNATIONAL CONFERENCE ON ELECTRONICS, COMPUTERS AND ARTIFICIAL INTELLIGENCE (ECAI) Book SeriesInternational Conference on Electronics Computers and Artificial Intelligence, Published 2018, Indexed 2019-06-04, Document TypeProceedings Paper, WOS:000467734100068	1			
	Nemptanu, FC; Costea, IM; Obreja, LG. "Model of intelligent traffic sensors - application in hardware in the loop", 017 40TH INTERNATIONAL SPRING SEMINAR ON ELECTRONICS TECHNOLOGY (ISSE), Book SeriesInternational Spring Seminar on Electronics Technology ISSE, Published2017, Indexed 2018-03-30, Document Type: Proceedings Paper, Sofia, Bulgaria, WOS:000426973000080	1			
<b>A 3.1.1</b>	<b>M.C. Niculescu, M. Minea. "Developing a Single Window Integrated Platform for Multimodal Transport Management and Logistics". Transportation Research Procedia, Volume 14, 2016, Pages 1453-1462. <a href="https://doi.org/10.1016/j.trpro.2016.05.219">https://doi.org/10.1016/j.trpro.2016.05.219</a></b>	<b>10</b>	<b>2</b>	<b>40.00</b>	
	Pfoser, S. "Developing user-centered measures to increase the share of multimodal freight transport", Research in Transportation Business & Management, Volume 43, 2022, 100729, ISSN 2210-5395, <a href="https://doi.org/10.1016/j.rtbm.2021.100729">https://doi.org/10.1016/j.rtbm.2021.100729</a> . ( <a href="https://www.sciencedirect.com/science/article/pii/S2210539521001127">https://www.sciencedirect.com/science/article/pii/S2210539521001127</a> ), WOS:000810961600005	1			
	Xie, Feng-Jie, Ruo-Chen Feng, and Xue-Yan Zhou. "Research on the Optimization of Cross-Border Logistics Paths of the "Belt and Road" in the Inland Regions." Journal of Advanced Transportation 2022 (2022). WOS:000766522900001	1			

<p>Torlak, I; Tijan, E; Aksentijevic, S; Oblak, R. "Analysis of Port Community System Introduction in Croatian Seaports - Case Study Split" TRANSACTIONS ON MARITIME SCIENCE-TOMS, Volume9, Issue 2, Page331-341, DOI10.7225/toms.v09.n02.015, Published OCT 2020, Indexed 2021-02-03, Document TypeArticle, WOS:000607089200016</p>	1			
<p>Bauk, S; Kapidani, N and Schmeink, A. On Intelligent Use of ICT in Some Maritime Business Organizations. Montenegrin Journal of Economics, Volume 13, Issue 2, Pages 163-173, DOI10.14254/1800-5845/2017.13-2.11 Published 2017, Accession Number WOS:000412442800011, ISSN 1800-5845, eISSN 1800-6698</p>	1			
<p>Kapidani, N ; Tijan, E ; Jovic, M; Kocan, E. NATIONAL MARITIME SINGLE WINDOW - COST-BENEFIT ANALYSIS OF MONTENEGRO CASE STUDY. Promet-Traffic &amp; Transportation, Volume32, Issue4, Page543-557, Published2020, Indexed2020-08-04, WOS:000551517200008</p>	1			
<p>Tijan, E.; Agatić, A.; Jović, M.; Aksentijević, S. Maritime National Single Window—A Prerequisite for Sustainable Seaport Business. Sustainability 2019, 11, 4570. <a href="https://doi.org/10.3390/su11174570">https://doi.org/10.3390/su11174570</a>, WOS:000486877700059</p>	1			
<p>Saragiotis, P. "Business process management in the port sector: a literature review". Maritime Business Review, ISSN: 2397-3757, WOS:000468332200005</p>	1			
<p>Bauk, S; Kapidani, N ; Schmeink, A ; Holtham, C. Concerning Intelligent ICT Exploitation in some Maritime Business Organizations: A Pilot Study. Nase More, Volume 64, Issue 2, Pages 63-68, DOI10.17818/NM/2017/2.5, Accession Number WOS:000417807100005, ISSN 0469-6255, eISSN 1848-6320</p>	1			
<p>Tijan, E ; Jovic, M ; Jardas, M ; Gulic, M. "The Single Window Concept in International Trade, Transport and Seaports". Pomorstvo, Vol. 33 No. 2, 2019. <a href="https://doi.org/10.31217/p.33.2.2">https://doi.org/10.31217/p.33.2.2</a>, WOS:000503809100002</p>	1			



	Petraska, A ; Ciziuniene, K ; Jarasuniene, A ; Maruschak, P; Prentkovskis, O. "ALGORITHM FOR THE ASSESSMENT OF HEAVYWEIGHT AND OVERSIZE CARGO TRANSPORTATION ROUTES", JOURNAL OF BUSINESS ECONOMICS AND MANAGEMENT, Volume 18, Issue 6, Pages 1098-1114, DOI10.3846/16111699.2017.1334229, Published 2017, Indexed 2018-01-30, Document Type Article, WOS:000419968900003	1			
A 3.1.1	<b>M. Minea, S.E. Dumitrescu. "Vehicle to infrastructure communications — Technologies and EMC problems in public transport management system." 2009 9th International Conference on Telecommunication in Modern Satellite, Cable, and Broadcasting Services, Proceedings Vol 1 and 2, Pages: 453-457, ISI WOS:000289094600088, DOI: 10.1109/TELSKS.2009.5339476, INSPEC Accession Number: 11022103</b>	1	2	4.00	
	Gheorghiu, RA, Iordache V. ANALYSIS OF VEHICLE TO INFRASTRUCTURE (V2I) COMMUNICATION EFFICIENCY USING THE ZIGBEE PROTOCOL. PROCEEDINGS OF THE THIRD INTERNATIONAL CONFERENCE ON TRAFFIC AND TRANSPORT ENGINEERING (ICTTE), Page173-181, Published 2016, Indexed 2017-01-25, WOS:000391016300025	1			
A 3.1.1	<b>M. Minea, F.C. Nemptanu, V.A. Stan. "Establishing communications needs for the urban traffic and public transport integrated system in Bucharest". Edited by: Milovanovic, BD Conference: 7th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services. Proceedings, Vols. 1 and 2 Pages: 261-264. 2005. INSPEC Accession Number: 8802197, DOI: 10.1109/TELSKS.2005.1572104, Indexing: IEEE Xplore, WOS:000233336900055</b>	2	3	5.33	

	Gheorghiu, RA ; Iordache, V ; Cormos, AC. Analysis of Handshake Time for Bluetooth Communications to be Implemented in Vehicular Environments. 2017 40TH INTERNATIONAL CONFERENCE ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP), Page 144-147, Published 2017, Indexed 2018-03-08 , Accession Number WOS:000425229000029, ISBN 978-1-5090-3982-1	1			
	Grigoreva, E; Grigoryev, V; Khvorov, I; Raspaev, Y; Kellerer, W. Techno-economic case study on dedicated RAN for an intelligent transportation system: impact of the legislation-driven costs. Volume 18, Issue 1, Pages 23-41, Special Issue SI, DOI10.1007/s11066-016-9113-3, Published MAY 2017, Indexed 2017-11-19, WOS:000412078400003	1			
<b>A 3.1.1</b>	<b>O.A. Dobre, I. Badescu, M. Minea. "Markov characterization of a digital channel". TELSIS 2001, VOL 1 &amp; 2, Proceedings. Pages: 579-580. Published: 2001. Conference: 5th International Conference on telecommunications in Modern Satellite, Cable and Broadcasting Services. INSPEC Accession Number: 7225965, DOI: 10.1109/TELSIS.2001.955842. WOS:000175459500110</b>	<b>1</b>	<b>3</b>	<b>2.67</b>	
	G.A.B. Marcondes, J.M.C. Brito. Discrete channel models application for error analysis in Rayleigh channels. 2nd IASTED International Multi-Conference on Automation, Control, and Information Technology. Novosibirsk, RUSSIA. JUN 20-24, 2005. ACTA PRESS, pp. 2-13. Accession Number: WOS:000233196100002, ISBN:0-88986-492-6. Indexing: ISI WOS	1			
<b>A 3.1.1</b>	<b>R. A. Gheorghiu and M. Minea, "Energy-efficient solution for vehicle prioritisation employing ZigBee V2I communications," 2016 International Conference on Applied and Theoretical Electricity (ICATE), 2016, pp. 1-6, doi: 10.1109/ICATE.2016.7754691. WOS:000390767500089</b>	<b>8</b>	<b>2</b>	<b>32.00</b>	

J. Wang, J. Liu and N. Kato, "Networking and Communications in Autonomous Driving: A Survey," in IEEE Communications Surveys & Tutorials, vol. 21, no. 2, pp. 1243-1274, Secondquarter 2019, doi: 10.1109/COMST.2018.2888904. WOS:000470838000010	1			
Y. Li, L. Yang, S. Han, X. Wang and F. Wang, "When LPWAN Meets ITS: Evaluation of Low Power Wide Area Networks for V2X Communications," 2018 21st International Conference on Intelligent Transportation Systems (ITSC), 2018, pp. 473-478, doi: 10.1109/ITSC.2018.8569320. WOS:000457881300071	1			
Martínez, Alejandro; Cañibano, Esteban; Romo, Javier. 2020. "Analysis of Low Cost Communication Technologies for V2I Applications" Appl. Sci. 10, no. 4: 1249. <a href="https://doi.org/10.3390/app10041249">https://doi.org/10.3390/app10041249</a> , WOS:000525287900056	1			
Xing Liu, Panwen Liu, Lun Hu, Chengming Zou, Zhangyu Cheng. "Energy-aware task scheduling with time constraint for heterogeneous cloud datacenters". 04 July 2019 <a href="https://doi.org/10.1002/cpe.5437">https://doi.org/10.1002/cpe.5437</a> , WOS:000565246000022	1			
Martins, Vanessa; Rufino, João; Silva, Luis; Almeida, João; Miguel Fernandes Silva, Bruno; Ferreira, Joaquim; Fonseca, José. 2019. "Towards Personal Virtual Traffic Lights" Information 10, no. 1: 32. <a href="https://doi.org/10.3390/info10010032">https://doi.org/10.3390/info10010032</a> , WOS:000459747300031	1			
Lakas, A; Fekair, ME; Korichi, A; Lagraa, N. "A Multiconstrained QoS-Compliant Routing Scheme for Highway-Based Vehicular Networks Wireless Communications & Mobile Networking". Article Number4521859 DOI10.1155/2019/4521859, Published 2019, Indexed 2019-03-01, Accession Number WOS:000459104500001, ISSN 1530-8669, eISSN 1530-8677	1			

	Farsimadan, E., Palmieri, F., Moradi, L., Conte, D., Paternoster, B. (2021). "Vehicle-to-Everything (V2X) Communication Scenarios for Vehicular Ad-hoc Networking (VANET): An Overview". In: , et al. Computational Science and Its Applications – ICCSA 2021. ICCSA 2021. Lecture Notes in Computer Science(), vol 12956. Springer, Cham. https://doi.org/10.1007/978-3-030-87010-2_2,	1			
	R. A. Gheorghiu, V. Iordache and A. C. Cormos, "Analysis of handshake time for bluetooth communications to be implemented in vehicular environments," 2017 40th International Conference on Telecommunications and Signal Processing (TSP), 2017, pp. 144-147, doi: 10.1109/TSP.2017.8075955. WOS:000425229000029	1			
<b>A 3.1.1</b>	<b>M. Minea, S. Dumitrescu, I. Badescu.</b> <b>"Efficiency of multimodal real-time travel and traffic information services employing mobile communications". 2011 10th International Conference on Telecommunication in Modern Satellite Cable and Broadcasting Services (TELSIKS), (Volume:2 , pp. 765-768), DOI: 10.1109/TELSKS.2011.6143223. Indexare IEEE Explore, INSPEC, Accession Number: 12527379</b>	<b>8</b>	<b>3</b>	<b>21.33</b>	
	S.A. Bajcetic, P.V.Zivanovic, S.M. Tica, M.M. Petrovic, A.M. Dorojevic, B.M. Milovanovic. Implementation of the New Public Transport Management System in Belgrade. 2013 11th International Conference on Telecommunication in Modern Satellite, Cable and Broadcasting Services (TELSIKS) Vols. 1 and 2. Pages: 643-646 Published: 2013. Pages: 643-646 Published: 2013, WOS:000335919700126. Indexing: ISI WOS, IEEE Explore, Google Scholar	1			
	H.C. Gan. To switch travel mode or not? Impact of Smartphone delivered high-quality multimodal information. IET Intelligent Transport Systems Volume: 9 Issue: 4 Pages: 382-390 DOI: 10.1049/iet-its.2014.0150. WOS:000354468200005 Published: MAY 2015.	1			



	<p>H.C. Gan, Y.F. Zhao, J. Wei. Impact of smartphone-delivered real-time multi-modal information. International Journal of Mobile Communications. Volume: 14 Issue: 3 Pages: 244-255. DOI: 10.1504/IJMC.2016.076282. WOS:000376375800003, Published: 2016. Indexing: ISI WOS, IEEE EXplore.</p>	1			
	<p>D. Jakovljevic, J. Balen, K. Vidovic. Integration of Traffic and Travel Data Exchange in Command and Control Platform. 2016 International Conference on Smart Systems and Technologies (SST). Pages: 281-286. Published: 2016. Accession Number: WOS:000390568900040. ISBN:978-1-5090-3720-9 . Indexed: ISI WOS, IEEE Explore.</p>	1			
	<p>Muhammad Arif and Guojun Wang. Cloud-based service oriented architecture for social vehicular ad hoc network communications. International Journal of Communication Networks and Distributed Systems. Volume 24, Issue 2, Pages 143-166, DOI10.1504/IJCND.2020.104746 , Accession Number WOS:000510905400002, ISSN 1754-3916, eISSN 1754-3924</p>	1			
	<p>Bellocchi, L., Latora, V. &amp; Geroliminis, N. Dynamical efficiency for multimodal time-varying transportation networks. Sci Rep 11, 23065 (2021). <a href="https://doi.org/10.1038/s41598-021-02418-5">https://doi.org/10.1038/s41598-021-02418-5</a></p>	1			
	<p>Gheorghiu, R. A., Iordache, V., &amp; Cormos, A. C. (2017, April). Cooperative communication network for adaptive truck platooning. In International Conference on Vehicle Technology and Intelligent Transport Systems (Vol. 2, pp. 228-235). SCITEPRESS. DOI10.5220/0006302402280235, Accession Number WOS:000671783900024, ISBN 978-989-758-242-4</p>	1			
	<p>A. Frey, F.C. Gan. Mode-Switching Behavior with the Provision of Real-Time Multimodal Traveler Information. Transportation Research Record Issue: 2496 Pages: 20-27. DOI: 10.3141/2496-03 Published: 2015. ISI WOS:000367639100004</p>	1			

<b>A 3.1.1</b>	<b>M. Minea, F.D. Grafu, M.C. Surugiu. "Sisteme inteligente de transport-aplicații (Intelligent transportation systems–applications)." 255 pag., ISBN 978-973-755-157-3, Ed.Matrixrom, Bucuresti 2007</b>	<b>1</b>	<b>3</b>	<b>2.67</b>	
	A.M.N. Mocofan, R. Ghita, V.R.T. Lopez, F.C. Nemtanu Comparative Assessment of Traffic Control Parameters within an UTC-Distributed System. Journal of Transportation Engineering Volume: 140 Issue: 3. Pages: 12. Article Number: 05013003. DOI: 10.1061/(ASCE)TE.1943-5436.0000634. Published: Mar 1 2014. ISI WOS:000332660000002	1			
<b>A 3.1.1</b>	<b>G.Stan, C.M. Alexandrescu, M. Minea. "Managementul centralizat al traficului rutier urban." 214 pag., Centrul Tehnic Editorial al Armatei, București 2007; ISBN 978-973-755-157-3, CNCIS cod 51</b>	<b>2</b>	<b>3</b>	<b>5.33</b>	
	E.A. Stanciu, I.M. Moise, L.M. Nemtoi. Optimization of Urban Road Traffic in Intelligent Transport Systems. 11th International Conference on Applied and Theoretical Electricity (ICATE) Proceedings, pages 1-4, Published: 2012. Accession Number: WOS:000332581900065. ISBN:978-1-4673-1810-5. Indexing: ISI WOS, IEEE Explore etc.	1			
	E.A. Stanciu, I.M. Moise, L.M. Nemtoi. Use of Equipment for Collecting and Processing Data in Intelligent Transportation Systems to Improve Traffic Indicators. 11th International Conference on Applied and Theoretical Electricity (ICATE). Conference Proceedings, pages 1-5, Published: 2012. Accession Number: WOS:000332581900066. ISBN:978-1-4673-1810-5. Indexing: ISI WOS, IEEE Explore etc.	1			
<b>A 3.1.1</b>	<b>Minea, M., Grafu, F., Cormos, A.C. "Reliable integrated communications for urban intelligent transport systems." TELSIKS 2007: 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Vols. 1 and 2, Pages: 617-620. Nis, SERBIA. INSPEC Accession Number: 9834847, DOI:</b>	<b>1</b>	<b>3</b>	<b>2.67</b>	

	<b>10.1109/TELSKS.2007.4376090, Indexing: IEEE Xplore</b>				
	Pan, Hsin-Hung; Wang, Shu-Ching; Yan, Kuo-Qin. An integrated data exchange platform for Intelligent Transportation Systems. Computer Standards & Interfaces. Volume: 36 Issue: 3 Pages: 657-671. DOI: 10.1016/j.csi.2013.08.015. Accession Number: WOS:000331162800023. ISSN: 0920-5489. eISSN: 1872-7018. Indexing: ISI WOS	1			
<b>A 3.1.1</b>	<b>F.C. Nemtanu, M. Minea. "The development of its architecture for urban transport new components and new relations." Transport Telematics systems TST'05 (5; 03-05.10.2005, Katowice-Ustroń, Poland). Published: Science notebooks. Transportation/Silesian University of Technology. Vol. 59, pp. 317-325. <a href="https://yadda.icm.edu.pl/baztech/element/bwmeta1.element.baztech-article-BPG5-0007-0008">https://yadda.icm.edu.pl/baztech/element/bwmeta1.element.baztech-article-BPG5-0007-0008</a>. Indexing: ISI (Conference Proceedings Citation Index), EI-Compindex, DBLP, SCOPUS</b>	<b>1</b>	<b>2</b>	<b>4.00</b>	
	F.C. Nemtanu, I.M. Costea, I. Badescu, V. Iordache, J. Schlingensiepen The framework of using models for comparative assessment of traffic sensors. 22nd IEEE International Symposium for Design and Technology in Electronic Packaging (SIITME). OCT 20-23, 2016, pp. 200-204. Accession Number: WOS:000390557400042. ISBN:978-1-5090-4446-7. Indexing: ISI WOS, IEEE Explore etc.	1			
<b>A 3.1.1</b>	<b>M. Minea, A.C. Cornoş. "EMC and Related Problems in the Implementation of Urban Traffic Management and Public Transport Management Systems". Annals of the University of Craiova, Electrical Engineering series, No. 30, 2006.</b>	<b>1</b>	<b>2</b>	<b>4.00</b>	
	D. Lee, M. Y. Soh, T. Hui Teo and K. S. Yeo, "Precompliance Test Setup for Pyroelectric Sensor Devices in IoT Applications," TENCON 2018 - 2018 IEEE Region 10 Conference, 2018, pp. 2075-2079, doi: 10.1109/TENCON.2018.8650256. WOS:000465799100396	1			

A 3.1.1	<p><b>M. Minea. "EMC and related problems in detection of road and rail vehicles." TELSIKS 2007: 8th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services, Vols. 1 and 2. Pages: 581-584 Nis, SERBIA, SEP 26-28, 2007. Electrical Engineering Series, No. 30, 2006, pp. 73 - 78 INSPEC Accession Number: 9834839, DOI: 10.1109/TELSKS.2007.4376079. Indexing: ISI WOS, IEEE Explore etc.</b></p>	2	1	16.00	
	<p>R.D. Persichini, D. Di Febo, V. Cala, C. Malta, A. Orlandi. EMC Analysis of Axle Counters in the Italian Railway Network. IEEE TRANSACTIONS ON ELECTROMAGNETIC COMPATIBILITY Volume: 57 Issue: 1 Pages: 44-51. DOI: 10.1109/TEMC.2014.2360065 Published: FEB 2015. Accession Number: WOS:000350157000007 ISSN: 0018-9375. eISSN: 1558-187X. Indexing: ISI WOS, IEEE Explore</p>	1			
	<p>Luan Xiaotian; Zhu Haijing; Qiu Bo; Han. Bochong. EMC in Rail Transportation.Clean Energy for Clean City: CUE 2016 - Applied Energy Symposium and Forum: Low-Carbon Cities and Urban Energy Systems. Book Series: Energy Procedia. Volume: 104 Pages: 526-531 DOI: 10.1016/j.egypro.2016.12.089. Published: 2016. Accession Number: WOS:000391447900088. ISSN: 1876-6102. Indexing: ISI WOS</p>	1			
A 3.1.1	<p><b>M. Minea, I. Badescu, O.A. Dobre, N. Wetzel. "Estimation of distrubative effects of electric traction on data transmission equipment for high-speed trains." TELSIKS '99: 4th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services. Proceedings pp. 106-109. INSPEC Accession Number: 6543968, DOI: 10.1109/TELSKS.1999.804705, ISI WOS:000089497200022, Indexing: ISI WOS, IEEE Xplore etc.</b></p>	1	4	2.00	

	S. Caban, J. Rodas, J.A. Garcia-Naya. A Methodology for Repeatable, Off-line, Closed-loop Wireless Communication System Measurements at Very High Velocities of up to 560 km/h. 2011 IEEE International Instrumentation and Measurement Technology Conference (I2MTC). Proceedings Pages: 1669-1673, Hangzhou, Peoples R China. MAY 10-12, 2011. Accession Number: WOS:000297171900336. ISBN:978-1-4244-7935-1. ISSN: 1091-5281. Indexed: ISI WOS, IEEE Explore	1			
<b>A 3.1.1</b>	<b>M. Minea, R.A.Gheorghiu, S. Tsegay, G. Franco. "Ways to create a greener traffic using traffic management systems and RTTI." ITS ROMANIA 2009 CONFERENCE &amp; ECALL WORKSHOP, Journal of Information Systems &amp; Operations Management. Vol. 3, Issue 1, pp. 146-156, 2009, ISSN: 1843-4711 Ed. Cartea Romaneasca (CNCSIS Cod 213 - Administrata de Ed. Paralela 45)</b>	<b>2</b>	<b>4</b>	<b>4.00</b>	
	Omid Avatefipour, Froogh Sadry, „Traffic Management System Using IoT Technology - A Comparative Review”, Conference: 2018 IEEE International Conference on Electro/Information Technology (EIT), DOI: 10.1109/EIT.2018.8500246, WOS:000627374800199	1			
	R.A. Gheorghiu, R.S. Timnea, V.A. Stan. A method to calculate the benefits of urban traffic management system implementation. 6th International Conference on Electronics, Computers and Artificial Intelligence (ECAI). Pitesti, ROMANIA. OCT 23-25, 2014. Page(s):79 - 84. Accession Number: WOS:000380489500024. ISBN:978-1-4799-5479-7. ISSN: 2378-7147 (Indexed: ISI WOS, IEEE)	1			
<b>A 3.1.1</b>	<b>F.C. Nemțanu, M. Minea. "New components of ITS functional architecture: mobility management and safety and security functional areas." European ITS Congress 2007 Aalborg Denmark. - Aalborg : paper 2393, 2007</b>	<b>1</b>	<b>2</b>	<b>4.00</b>	

	J. Schlingensiepen, F.C. Nemtanu, R. Mehmood, Lee McCluskey. Autonomic Transport Management Systems—Enabler for Smart Cities, Personalized Medicine, Participation and Industry Grid/Industry 4.0. Book Title: Intelligent Transportation Systems - Problems and Perspectives. pp 3-35, DOI 10.1007/978-3-319-19150-8_1, Print ISBN 978-3-319-19149-2, Springer 2016. Indexed: ISI WOS 00381768100002	1			
<b>A 3.1.1</b>	<b>I.C. Chiva, M. Minea, V.L. Minea, A. Semenescu. "Anonymous Detection of Traveler Flows employing Bluetooth Technologies". International Conference Inter-Eng 2020, Interdisciplinarity in Engineering. 8-9 October 2020, Târgu-Mureș, Romania. MDPI Reprint of Proceedings. ISBN 978-3-0365-0716-3 (Hbk). ISBN 978-3-0365-0717-0 (PDF), DOI 10.3390/proceedings2020063061, Indexări: Scopus, CNKI, J-Gate, OpenAIRE, Norwegian Register for Scientific Journals, Series and Publishers, BibCnrs, Sherpa Romeo, CLOCKSS, Swiss National Library (Helveticat), Google Scholar, Scilit, WorldCat, 2020</b>	<b>1</b>	<b>4</b>	<b>2.00</b>	
	Chen, ZY ; Huang, ZF; Yang, LL; Zheng, PJ. Evaluation of Transfer Efficiency between Subway and Bus Based on the Interval Number Ranking Method by Employing Probability Reliability: Taking Ningbo for Example. Volume2021 Article Number 9125605, DOI10.1155/2021/9125605. Accession NumberWOS:000771505100009, ISSN1026-0226, eISSN1607-887X	1			
<b>A 3.1.1</b>	<b>M. Minea, C.M. Surugiu, I.N. Stăncel, V.L. Minea. "Combined Opportunistic Vehicular/Cellular Networking for Cooperative Driving Assistance in Highway Scenarios". 2016 International Conference On Applied And Theoretical Electricity (ICATE), ISSN/ISBN 2376-4163 / 978-1-4673-8562-6, WOS 000390767500090, 2016</b>	<b>1</b>	<b>4</b>	<b>2.00</b>	

	KHOUNI, S ; CHEMALI, H. SSEA for PSN: A novel secure technique of communication through IOT devices. Sigma Journal of Engineering and Natural Sciences, Volume 40, Issue 2, Pages 300-309, DOI10.14744/sigma.2022.00034, Published JUN 2022, Indexed 2022-06-22, Accession Number WOS:000808584800004, ISSN1304-7205, eISSN1304-7191	1			
<b>A 3.1.1</b>	<b>Mihai, D. I. M. A., Chihaia, I. A., Surugiu, M. C., &amp; Minea, M. (2018, June). "Preventive Maintenance of the Railway Infrastructure employing Robotized Platform and Virtual Instrumentation". In 2018 10th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) (pp. 1-6). IEEE.</b>	<b>1</b>	<b>4</b>	<b>2.00</b>	
	Vithanage, R.K.W.; Harrison, C.S.; DeSilva, A.K.M. Importance and Applications of Robotic and Autonomous Systems (RAS) in Railway Maintenance Sector: A Review. Computers 2019, 8, 56. <a href="https://doi.org/10.3390/computers8030056">https://doi.org/10.3390/computers8030056</a> , Accession Number WOS:000487950600005, ISSN2073-431X	1			
<b>A 3.1.1</b>	<b>M. Minea. "Cooperative V2V Clustering Algorithm for Improving Road Traffic Safety Information". International Conference on Telecommunications in Modern Satellite Cable and Broadcasting Services TELSIKS, Pages: 369-372, ISBN 978-1-4673-7516-0, DOI 10.1109/TELSKS.2015.7357833, WOS 000380406700075, 2015</b>	<b>1</b>	<b>1</b>	<b>8.00</b>	
	Gheorghiu, RA; Iordache, V and Cormos, AC. Cooperative Communication Network for Adaptive Truck Platooning. 6th International Conference on Smart Cities and Green ICT Systems (SMARTGREENS) / 3rd International Conference on Vehicle Technology and Intelligent Transport Systems (VEHITS), 2017 VEHITS: PROCEEDINGS OF THE 3RD INTERNATIONAL CONFERENCE ON VEHICLE TECHNOLOGY AND INTELLIGENT TRANSPORT SYSTEMS , pp.228-235, DOI10.5220/0006302402280235, WOS:000671783900024	1			



A 3.1.1	M. Minea, R.A. Gheorghiu. "On the Connectivity of Vehicular Ad-Hoc Networks in Highway Scenarios." 22nd International Conference on Applied Electromagnetics and Communications (ICECOM). ISBN 978-953-6037-72-8, WOS 000400382100026, 2016	1	2	4.00	
	Y. Wang and J. Zheng, "Connectivity Analysis of a Highway With One Entry/Exit and Multiple Roadside Units," in IEEE Transactions on Vehicular Technology, vol. 67, no. 12, pp. 11705-11718, Dec. 2018, doi: 10.1109/TVT.2018.2873706. Accession Number WOS:000454112100034 ISSN0018-9545, eISSN1939-9359	1			IEEE-xplore
A 3.1.1	V. Iordache, M. Minea, R.A. Gheorghiu. "Considerations for using ZigBee technology in vehicular non-critical applications". Proceedings Of The 2017 Federated Conference On Computer Science And information Systems (FEDCSIS). Book Series Title: Federated Conference on Computer Science and Information Systems. Pages: 853-856, ISSN/ISBN 2325-0348 /978-8-3946-2537-5, DOI 10.15439/2017F30, WOS 000417412800124, 2017	1	3	2.67	
	R. A. Gheorghiu, V. Iordache and I. Badescu, "Analysis of possible Wi-Fi interferences of wireless communications implemented in vehicular environments," 2017 13th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS), 2017, pp. 244-247, doi: 10.1109/TELSIKS.2017.8246273. Accession Number WOS:000425463200051, ISBN978-1-5386-1800-4	1			
	Dumitrescu, C., Minea, M., Ciotirnae, P. (2020). UAV Detection Employing Sensor Data Fusion and Artificial Intelligence. In: Borzemski, L., Świętek, J., Wilimowska, Z. (eds) Information Systems Architecture and Technology: Proceedings of 40th Anniversary International Conference on Information Systems Architecture and Technology – ISAT 2019. ISAT 2019. Advances in Intelligent Systems and Computing, vol 1050. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-30440-9_13">https://doi.org/10.1007/978-3-030-30440-9_13</a>	2	3	5.33	

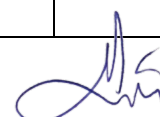


	Mebtouche, N.ED., Baha, N. Robust UAV detection based on saliency cues and magnified features on thermal images. <i>Multimed Tools Appl</i> (2022). <a href="https://doi.org/10.1007/s11042-022-14271-3">https://doi.org/10.1007/s11042-022-14271-3</a> , WOS:000896363400003, ISSN1380-7501, eISSN1573-7721	1			
	Yousaf, J.; Zia, H.; Alhalabi, M.; Yaghi, M.; Basmaji, T.; Shehhi, E.A.; Gad, A.; Alkhedher, M.; Ghazal, M. Drone and Controller Detection and Localization: Trends and Challenges. <i>Appl. Sci.</i> 2022, 12, 12612. <a href="https://doi.org/10.3390/app122412612">https://doi.org/10.3390/app122412612</a> , WOS:000900335100001, eISSN2076-3417	1			
	<b>Minea, M., Timnea, R. S., &amp; Stan, C. E. (2010, September). "Integrated platform for road traffic safety data collection and information management". In 2010 Fifth International Multi-conference on Computing in the Global Information Technology (pp. 54-59). IEEE.</b>	<b>1</b>	<b>3</b>	<b>2.67</b>	
	Rani, W. S. W., Sipan, I. A., & Mohammed, M. A. H. (2018, September). Highway traveller information services success (HiTISS): Tools and information needs. In <i>AIP Conference Proceedings</i> (Vol. 2016, No. 1, p. 020149). AIP Publishing LLC. WOS:000481577600149, ISBN978-0-7354-1734-2, ISSN0094-243X	1			
<b>A 3.1.1</b>	<b>Minea, M., Dumitrescu, C., &amp; Chiva, I. C. (2019, June). "Unconventional public transport anonymous data collection employing artificial intelligence". In 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) (pp. 1-6). IEEE.</b>	<b>1</b>	<b>3</b>	<b>2.67</b>	
	Ang, K.L.-M.; Seng, J.K.P.; Ngharamike, E.; Ijamaru, G.K. Emerging Technologies for Smart Cities' Transportation: Geo-Information, Data Analytics and Machine Learning Approaches. <i>ISPRS Int. J. Geo-Inf.</i> 2022, 11, 85. <a href="https://doi.org/10.3390/ijgi11020085">https://doi.org/10.3390/ijgi11020085</a> , WOS:000767533000001	1			
<b>TOTAL A 3.1.1</b>				<b>282.67</b>	

**PUBLICAȚII CITATE DE LUCRĂRI INDEXATE ÎN BAZE DE DATE INTERNAȚIONALE :**

Subcategorie	Denumire articol/prezentare - citat de:	BDI	Nr. Aut.	Punctaj	Indexare
A 3.1.2	M. G. Minea and M. - C. M. Niculescu, "Challenges in developing Wi-Fi wide coverage access for River Information Services on the Danube River," 2015 12th International Conference on Telecommunication in Modern Satellite, Cable and Broadcasting Services (TELSIKS), 2015, pp. 141-144, doi: 10.1109/TELSKS.2015.7357756.	1	2	2.00	
	Chen, W., Yao, R., Ye, J., Tang, X., Li, X. (2018). Design and Implementation of an Intelligent Shipborne Terminal System. In: Li, B., Shu, L., Zeng, D. (eds) Communications and Networking. ChinaCom 2017. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, vol 237. Springer, Cham. <a href="https://doi.org/10.1007/978-3-319-78139-6_49">https://doi.org/10.1007/978-3-319-78139-6_49</a> , Indexare Springer-link	1			Springer-link
A 3.1.2	M. Minea. Cellular - Sensorless V2I-Based Traffic Information and Communications Infrastructure Case study for high class motorways". Proceedings Of The 9th International Conference On Electronics, Computers And Artificial Intelligence - ECAI 2017, ISSN/ISBN2378-7147 / 978-1-5090-6458-8, WOS 000425865900034, 2017	1	1	4.00	
	A. Caillot, S. Ouerghi, P. Vasseur, R. Boutteau and Y. Dupuis, "Survey on Cooperative Perception in an Automotive Context," in IEEE Transactions on Intelligent Transportation Systems, vol. 23, no. 9, pp. 14204-14223, Sept. 2022, doi: 10.1109/TITS.2022.3153815.	1			IEEE-explore
A 3.1.2	Riches, Ed, and Marius Minea. "The Bucharest traffic management system: delivering an integrated ITS solution." Traffic engineering & control 48.5, ISSN 0041-0683, ICONDA Bibliographic (2007).	1	2	2.00	

	H. Ning, H. Yuguang and W. Chunhui, "Comparative analysis on a vehicle's speed control systems stability based on fuzz rules and PID method," Proceedings of 2011 International Conference on Electronic & Mechanical Engineering and Information Technology, 2011, pp. 2069-2072, doi: 10.1109/EMEIT.2011.6023509.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>M. Minea, R.A. Gheorghiu, "Sisteme de dirijare a traficului feroviar. Îndrumar de laborator". Ed. Politehnica Press, ISBN 978-606 515-099-7, 270 pag., cod CNCIS nr. 19, București, 2010.</b>	<b>1</b>	<b>2</b>	<b>2.00</b>	
	V. A. Stan and R. S. Timnea, "Power analysis over digital pulse fail-safe railway track circuit: C-4-64 railway protection," 2017 9th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2017, pp. 1-3, doi: 10.1109/ECAI.2017.8166511.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>Niculescu, M., F. Ropot, and M. Minea. "Analysis of the Requirements for the Communication Link used in the Transmission of e-CALL Messages." 16th Conference on Automatic Control, Modelling and Simulation ACMS. Vol. 14. 2014.</b>	<b>1</b>	<b>3</b>	<b>1.33</b>	
	N. -U. Kim and T. -M. Chung, "An efficient MSD protection and authentication scheme for automotive ICT based emergency call system," 2019 21st International Conference on Advanced Communication Technology (ICACT), 2019, pp. 435-439, doi: 10.23919/ICACT.2019.8701990.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>M. Minea, C.M. Surugiu, I.N. Stăncel, V.L. Minea. "Combined Opportunistic Vehicular/Cellular Networking for Cooperative Driving Assistance in Highway Scenarios". 2016 International Conference On Applied And Theoretical Electricity (ICATE), ISSN/ISBN 2376-4163 / 978-1-4673-8562-6, WOS 000390767500090, 2016</b>	<b>1</b>	<b>4</b>	<b>1.00</b>	
	R. A. Gheorghiu, V. A. Stan, V. Iordache and D. Zamfir, "Use of V2I communications to enhance accuracy of the estimated time of arrival in crowded transport environments," 2017 9th International Conference on Electronics, Computers and Artificial	1			IEEE-xplore



	Intelligence (ECAI), 2017, pp. 1-6, doi: 10.1109/ECAI.2017.8166428.				
<b>A 3.1.2</b>	<b>M. Minea, G. Stan. "Field tests of a new Integrated Electronic System for Vehicle Monitoring, Mobile Data Communications and e-Commerce in Road Transportation. 6th International Conference on Telecommunications in Modern Satellite, Cable, and Broadcasting Services (TELSIKS) Vols. 1 and 2, Proceedings of papers. Pages: 449-452, ISBN 0-7803-7963-2, WOS 000188740300092, 2003</b>	<b>1</b>	<b>2</b>	<b>2.00</b>	
	H. A. Rahim, R. B. Ahmad, A. S. M. Zain and U. U. Sheikh, "Implementation and analysis of integration GSM/GPRS modem in a TMS320VC6713 digital signal processor for vehicle location," International Conference on Computer and Communication Engineering (ICCCE'10), 2010, pp. 1-5, doi: 10.1109/ICCCE.2010.5556809.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>Minea, M., Gheorghiu, R. A., TSEGAY, S., FRANCO, G., &amp; Romfneascf, C. (2009). "Ways to create a greener traffic using traffic management systems and RTTI". In ITS ROMANIA 2009 CONFERENCE &amp; ECALL WORKSHOP, Ed. Cartea Romfneascf.</b>	<b>1</b>	<b>5</b>	<b>0.80</b>	
	O. Avatefipour and F. Sadry, "Traffic Management System Using IoT Technology - A Comparative Review," 2018 IEEE International Conference on Electro/Information Technology (EIT), 2018, pp. 1041-1047, doi: 10.1109/EIT.2018.8500246.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>V. Iordache, M. Minea, R.A. Gheorghiu. "Considerations for using ZigBee technology in vehicular non-critical applications". Proceedings Of The 2017 Federated Conference On Computer Science Andinformation Systems (FEDCSIS). Book Series Title: Federated Conference on Computer Science and Information Systems. Pages: 853-856, ISSN/ISBN 2325-0348 /978-8-3946-2537-5, DOI 10.15439/2017F30, WOS 000417412800124, 2017</b>	<b>1</b>	<b>3</b>	<b>1.33</b>	

	Politis, I., Tsagkaropoulos, M., Kotsopoulos, S. (2007). Video Transmission over Tetra. In: Terrestrial Trunked Radio - Tetra. Springer, Berlin, Heidelberg. <a href="https://doi.org/10.1007/3-540-71192-9_5">https://doi.org/10.1007/3-540-71192-9_5</a> , Print ISBN 978-3-540-71190-2, Online ISBN 978-3-540-71192-6	1			Springer-link
<b>A 3.1.2</b>	<b>Minea, M. „Implementation of the Bucharest Traffic Management System—solutions to problems and In-Time Project”—Invited speaker at 16th World ITS Congress." Special Interest Session SIS 33.</b>	<b>1</b>	<b>1</b>	<b>4.00</b>	
	J. Demmel, "Rethinking algorithms for future architectures: Communication-avoiding algorithms," 2011 IEEE Hot Chips 23 Symposium (HCS), 2011, pp. 1-63, doi: 10.1109/HOTCHIPS.2011.7477498.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>Nemtanu, F. C., R. Timnea, and M. Minea. "The ITS architecture—one of the most important component for planning and developing of the intelligent transportation systems and a new approach of the information and communication systems in transports field." International Congress CONAT. 2004.</b>	<b>2</b>	<b>3</b>	<b>2.67</b>	
	Nemtanu, Florin Codrut, and Marin Marinov. "Digital railway: Trends and innovative approaches." Sustainable Rail Transport. Springer, Cham, 2019. 257-268.	1			Springer-link
	C.M. Alexandrescu, R.S.Timnea. The Communication Architecture for an Interurban Traffic Management System Architecture., IFAC Proceedings Volumes, Volume 43, Issue 23, 2010, Pages 95-100, ISSN 1474-6670, ISBN 9783902661845, <a href="https://doi.org/10.3182/20101005-4-RO-2018.00032">https://doi.org/10.3182/20101005-4-RO-2018.00032</a> .	1			Elsevier
<b>A 3.1.2</b>	<b>Iordache, V; Gheorghiu, RA; Minea, M. "On the Usability of Bluetooth in V2I based Communications for Extended Infrastructure Support", 2017 13TH INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGIES, SYSTEMS AND SERVICES IN TELECOMMUNICATIONS (TELSIKS). Pages: 287-290, ISBN 978-1-5386-1800-4, WOS000425463200059</b>	<b>1</b>	<b>3</b>	<b>1.33</b>	

	R. Q. Malik, K. N. Ramli, Z. H. Kareem, M. I. Habelalmatee and H. Abbas, "A Review on Vehicle-to-Infrastructure Communication System: Requirement and Applications," 2020 3rd International Conference on Engineering Technology and its Applications (IICETA), 2020, pp. 159-163, doi: 10.1109/IICETA50496.2020.9318825.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>Minea, M., Dumitrescu, C., &amp; Chiva, I. C. (2019, June). "Unconventional public transport anonymous data collection employing artificial intelligence". In 2019 11th International Conference on Electronics, Computers and Artificial Intelligence (ECAI) (pp. 1-6). IEEE.</b>	<b>1</b>	<b>3</b>	<b>1.33</b>	
	B. Zorić, M. Dudjak and D. Bajer, "Predicting public transport arrival time and congestion based on BLE beacon crowdsourced data," 2022 IEEE Zooming Innovation in Consumer Technologies Conference (ZINC), 2022, pp. 81-86, doi: 10.1109/ZINC55034.2022.9840632.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>Nemtanu, F. C., &amp; Minea, M. (2005). "The development of ITS architecture for urban transport new components and new relations". Zeszyty Naukowe. Transport/Politechnika Śląska, (59), 317-325.</b>	<b>3</b>	<b>2</b>	<b>6.00</b>	
	Balint, A. O., & Toma, M. (2015). How does business intelligence solutions can streamline and influence transport networks?. Procedia Economics and Finance, 20, 59-64.	1			Elsevier
	Nemtanu, F. C., Costea, I. M., Buretea, D., & Obreja, L. G. (2017, October). Hardware in the loop simulation platform for intelligent transport systems. In 2017 IEEE 23rd International Symposium for Design and Technology in Electronic Packaging (SIITME) (pp. 247-250). IEEE.	1			IEEE-xplore
	Nemtanu, F. C., & Schlingensiepen, J. (2018). New technologies and ITS for rail. In Sustainable Rail Transport (pp. 225-247). Springer, Cham.	1			Springer-link
<b>A 3.1.2</b>	<b>MINEA, M., STAN, G., &amp; NEMTANU, F. C. (2005). "Incidence of new Telematic Systems for Transports in Romanian Information Society". Studies in Informatics and Control, 14(1), 23.</b>	<b>1</b>	<b>3</b>	<b>1.33</b>	



	Demmel, J. (2011, August). Rethinking algorithms for future architectures: Communication-avoiding algorithms. In 2011 IEEE Hot Chips 23 Symposium (HCS) (pp. 1-63). IEEE.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>Minea, M., Grafu, F. D., &amp; Surugiu, M. C. (2007). "Sisteme inteligente de transport-aplicații (Intelligent transportation systems-applications)". Editura Matrixrom, București.</b>	<b>1</b>	<b>3</b>	<b>1.33</b>	
	Mircea, M., Nicolae, F. Increasing of the urban traffic surveillance by automatic information device. cent.eur.j.eng 4, 133–141 (2014). <a href="https://doi.org/10.2478/s13531-013-0152-3">https://doi.org/10.2478/s13531-013-0152-3</a>	1			Springer-link
<b>A 3.1.2</b>	<b>M. Minea, S.E. Dumitrescu. "Vehicle to infrastructure communications — Technologies and EMC problems in public transport management system." 2009 9th International Conference on Telecommunication in Modern Satellite, Cable, and Broadcasting Services, Proceedings Vol 1 and 2, Pages: 453-457, ISI WOS:000289094600088, DOI: 10.1109/TELSKS.2009.5339476, INSPEC Accession Number: 11022103</b>	<b>2</b>	<b>2</b>	<b>4.00</b>	
	Wang, S. (2011, September). Improve vehicle's function safety with an approach investigating vehicle's electromagnetic interference with its function safety. In 2011 IEEE Vehicle Power and Propulsion Conference (pp. 1-7). IEEE.	1			IEEE-xplore
	Demmel, J. (2011, August). Rethinking algorithms for future architectures: Communication-avoiding algorithms. In 2011 IEEE Hot Chips 23 Symposium (HCS) (pp. 1-63). IEEE.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>G.Stan, C.M. Alexandrescu, M. Minea. "Managementul centralizat al traficului rutier urban." 214 pag., Centrul Tehnic Editorial al Armatei, București 2007; ISBN 978-973-755-157-3, CNCSIS cod 51</b>	<b>2</b>	<b>3</b>	<b>2.67</b>	
	I. M. Costea, P. A. Tanasă, I. Barbu, I. Cojocaru and N. Dumitru, "Automatic traffic monitoring system," Proceedings of the 2014 37th International Spring Seminar on Electronics Technology, 2014, pp. 332-335, doi: 10.1109/ISSE.2014.6887618.	1			IEEE-xplore

	J. Demmel, "Rethinking algorithms for future architectures: Communication-avoiding algorithms," 2011 IEEE Hot Chips 23 Symposium (HCS), 2011, pp. 1-63, doi: 10.1109/HOTCHIPS.2011.7477498.	1			IEEE-xplore
<b>A 3.1.2</b>	<b>Gheorghiu, RA; Iordache, V; Minea, M. "Messaging capabilities of V2I networks" 11TH INTERNATIONAL CONFERENCE INTERDISCIPLINARITY IN ENGINEERING, INTER-ENG 2017 / Procedia Manufacturing Volume: 22, Pages: 476-484, ISSN 2351-9789, WOS000456199200068</b>	<b>1</b>	<b>3</b>	<b>1.33</b>	
	Martínez, A., Romo, J., Cañibano, E. (2021). Alternative Technologies for V2I Communication. In: Zachäus, C., Meyer, G. (eds) Intelligent System Solutions for Auto Mobility and Beyond. AMAA 2020. Lecture Notes in Mobility. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-65871-7_2">https://doi.org/10.1007/978-3-030-65871-7_2</a>	1			Springer-link
<b>A 3.1.2</b>	<b>Gheorghiu, R. A. and Minea, M. "Energy-efficient solution for vehicle prioritisation employing ZigBee V2I communications," 2016 International Conference on Applied and Theoretical Electricity (ICATE), 2016, pp. 1-6, doi: 10.1109/ICATE.2016.7754691. WOS:000390767500089</b>	<b>2</b>	<b>2</b>	<b>4.00</b>	
	Martínez, A., Romo, J., Cañibano, E. (2021). Alternative Technologies for V2I Communication. In: Zachäus, C., Meyer, G. (eds) Intelligent System Solutions for Auto Mobility and Beyond. AMAA 2020. Lecture Notes in Mobility. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-65871-7_2">https://doi.org/10.1007/978-3-030-65871-7_2</a>	1			Springer-link
	R. Q. Malik, K. N. Ramli, Z. H. Kareem, M. I. Habelalmatee and H. Abbas, "A Review on Vehicle-to-Infrastructure Communication System: Requirement and Applications," 2020 3rd International Conference on Engineering Technology and its Applications (IICETA), 2020, pp. 159-163, doi: 10.1109/IICETA50496.2020.9318825.	1			IEEE-xplore

A 3.1.2	<p><b>M. Minea, S. Dumitrescu, I. Badescu.</b>  <b>"Efficiency of multimodal real-time travel and traffic information services employing mobile communications". 2011 10th International Conference on Telecommunication in Modern Satellite Cable and Broadcasting Services (TELSIKS), (Volume:2 , pp. 765-768), DOI: 10.1109/TELSKS.2011.6143223. Indexare IEEE Explore, INSPEC, Accession Number: 12527379</b></p>	2	3	2.67	
	<p>Xiping Hu, Weihong Wang, Victor C.M. Leung. VSSA: a service-oriented vehicular social-networking platform for transportation efficiency. DIVANet '12: Proceedings of the second ACM international symposium on Design and analysis of intelligent vehicular networks and applications October 2012 Pages 31–38, <a href="https://doi.org/10.1145/2386958.2386964">https://doi.org/10.1145/2386958.2386964</a></p>	1			ACM
	<p>Hongcheng Gan, XinYe. Will commute drivers switch to park-and-ride under the influence of multimodal traveler information? A stated preference investigation. Transportation Research Part F: Traffic Psychology and Behaviour, Volume 56, July 2018, Pages 354-361. <a href="https://doi.org/10.1016/j.trf.2018.05.015">https://doi.org/10.1016/j.trf.2018.05.015</a></p>	1			Science Direct
A 3.1.2	<p><b>Dumitrescu, C.; Minea, M.; Costea, I.M.; Cosmin Chiva, I.; Semenescu, A.</b>  <b>"Development of an Acoustic System for UAV Detection". Sensors 2020, 20, 4870.</b>  <b><a href="https://doi.org/10.3390/s20174870">https://doi.org/10.3390/s20174870</a>, WOS:000569742800001</b></p>	1	5	0.80	
	<p>R. F. Christianti, H. L. Fuadi, M. A. Afandi, A. S.N. and A. Dharmawan, "Comparison of Support Vector Machine and Neural Network Algorithm in Drone Detection System," 2022 IEEE International Conference on Cybernetics and Computational Intelligence (CyberneticsCom), 2022, pp. 421-426, doi: 10.1109/CyberneticsCom55287.2022.9865628 .</p>	1			IEEE-explore
A 3.1.2	<p><b>M.C. Niculescu, M. Minea.</b> "Developing a Single Window Integrated Platform for Multimodal Transport Management and Logistics". Transportation Research Procedia, Volume 14, 2016, Pages 1453-1462. <a href="https://doi.org/10.1016/j.trpro.2016.05.219">https://doi.org/10.1016/j.trpro.2016.05.219</a></p>	2	2	4.00	



	D. Soedarno, B. Ranti and W. S. Nugroho, "Use of Physical Internet System to Increase Effectiveness of Sea Toll Logistics Operations in Indonesia," 2020 6th International Conference on Interactive Digital Media (ICIDM), 2020, pp. 1-6, doi: 10.1109/ICIDM51048.2020.9339641.	1			IEEE-xplore
	de Barros, B. R. C., de Carvalho, E. B., & Junior, A. C. P. B. (2022). Inland waterway transport and the 2030 agenda: Taxonomy of sustainability issues. Cleaner Engineering and Technology, 100462. <a href="https://doi.org/10.1016/j.clet.2022.100462">https://doi.org/10.1016/j.clet.2022.100462</a>	1			Elsevier
<b>A 3.1.2</b>	<b>Dumitrescu, C., Minea, M., Ciotirnae, P. (2020). UAV Detection Employing Sensor Data Fusion and Artificial Intelligence. In: Borzemski, L., Świątek, J., Wilimowska, Z. (eds) Information Systems Architecture and Technology: Proceedings of 40th Anniversary International Conference on Information Systems Architecture and Technology – ISAT 2019. ISAT 2019. Advances in Intelligent Systems and Computing, vol 1050. Springer, Cham. <a href="https://doi.org/10.1007/978-3-030-30440-9_13">https://doi.org/10.1007/978-3-030-30440-9_13</a></b>	<b>1</b>	<b>3</b>	<b>2.00</b>	
	Mebtouche, N.ED., Baha, N. Robust UAV detection based on saliency cues and magnified features on thermal images. Multimed Tools Appl (2022). <a href="https://doi.org/10.1007/s11042-022-14271-3">https://doi.org/10.1007/s11042-022-14271-3</a>	1			Springer-link
<b>A 3.1.2</b>	<b>R.A. Gheorghiu, V. Iordache, M. Minea, A.C. Cormoș. "Bluetooth latency analysis for vehicular communications in a Wi-Fi noisy environment." 2017 40th International Conference on Telecommunications and Signal Processing (TSP). DOI: 10.1109/TSP.2017.8075956. WOS000425229000030</b>	<b>1</b>	<b>4</b>	<b>2.00</b>	
	A. Paraskevopoulos et al., "Software-defined LiFi - RF network for Industry 4.0 applications," IECON 2022 – 48th Annual Conference of the IEEE Industrial Electronics Society, 2022, pp. 1-6, doi: 10.1109/IECON49645.2022.9969087.	1			IEEE-xplore
		<b>TOTAL A 3.1.2</b>		<b>57.93</b>	

<b>A 3.2</b>	<b>Membru în colective de redacție / chair / conferințe ISI internaționale</b>	<b>Punctaj</b>
	Chairman la ECAI 2016 Conference	10

	Topic Editor at Sensors, MDPI Journals, IF Q1/Q2	10
<b>TOTAL A 3.2</b>		<b>20</b>

<b>A 3.3</b>	<b>Membru în colective de redacție / chair / conferințe BDI internaționale</b>	<b>Punctaj</b>
<b>TOTAL A 3.3</b>		<b>0</b>

<b>A 3.3</b>	<b>Premii în domeniu AR, ASTR, AOSR, Intl</b>	<b>Punctaj</b>
<b>TOTAL A 3.4</b>		<b>0</b>

<b>TOTAL A3</b>		<b>360.60</b>
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