

FISA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR MINIMALE NAȚIONALE

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Fișa de verificare a standarde minime necesare și obligatorii pentru conferirea titlurilor didactice din învățământul superior și a gradelor profesionale de cercetare – dezvoltare (Anexa 13 din Monitorul Oficial al României, Comisia Inginerie Aerospațială, Autovehicule și Transporturi)

Condiții minime					
Nr. crt.	Categoria				
	Domeniul de activitate	Conferențiar universitar	CSII	Profesor universitar	CSI
1	Activitate didactică și profesională (A1)	min. 100 puncte		min. 180 puncte	
2	Activitatea de cercetare (A2)	min. 100 puncte	min. 200 puncte	min. 200 puncte	min. 380 puncte
3	Recunoașterea impactului activității (A3)	min. 50 puncte	min. 50 puncte	min. 100 puncte	min. 100 puncte
TOTAL		250 puncte	250 puncte	480 puncte	480 puncte

Categoria: Profesor universitar			
Nr. crt.	Domeniul de activitate	Minim de îndeplinit (puncte)	Punctaj calculat
1	Activitate didactică și profesională (A1)	min. 180	312,61
2	Activitatea de cercetare (A2)	min. 200	611,88
3	Recunoașterea impactului activității (A3)	min. 100	394,61
TOTAL			1319,1 puncte

Criteriul 1		
1.1	Cărți și capitole în cărți de specialitate	80,1
1.2	Materiale didactice/lucrări didactice	67,51
1.3	Organizare și coordonare programe de studii	80
1.4	Conducere proiecte de diplomă și disertație	50
1.5	Introducere discipline și laboratoare noi, confirmate prin manuale și îndrumare publicate	35
1.6	Director/responsabil programe parteneriat academic internațional/Erasmus	0
TOTAL (A1) (min.180)		312,61

Criteriul 2		
2.1	Articole in extenso în reviste cotate și proceedings indexate ISI Thomson Reuters sau SAE	267,07
2.2	Brevete de invenție	0
2.3	Articole publicate în reviste naționale și volumele unor manifestări științifice indexate în BDI recunoscute de comisia CNATDCU	147,32
2.4	Articole publicate în reviste naționale și volumele unor manifestări științifice naționale și internaționale, neindexate	70,49
2.5	Granturi/proiecte câștigate prin competiție/de cercetare/consultanță pentru companii	127
	TOTAL (A2) (min. 200)	611,88
Criteriul 3		
3.1	Citări în reviste ISI și BDI (fără autocitări)	268,61
3.2	Prezentări în plenul unor manifestări științifice naționale și internaționale	0
3.3	Profesor invitat, în cadrul acordurilor academice internaționale și programelor de colaborare cu instituții și firme internaționale, inclusiv programele Erasmus+ (predare)	0
3.4	Membru în colectivele de redacție sau comitetele științifice ale revistelor sau manifestărilor științifice. Organizator de manifestări științifice/Recenzor	24
3.5	Experiență de management, analiză și evaluare în cercetare și/sau învățământ	77
3.6	Referent în comisii de doctorat/abilitare; Membru în echipe de îndrumare doctorat	5
3.7	Premii/distincții	0
3.8	Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării	20
	TOTAL (A3) (min. 100)	394,61
TOTAL (Criteriul 1 + Criteriul 2 + Criteriul 3)		1319,1

Tipul activităților	Activitate	Punctaj
Activitatea didactică și profesională (A1)		
1.1 Cărți și capitole în cărți de specialitate		
1.1.1. Cărți/ capitole, ca autor	1. Chiru A., Țârulescu, S. - Echipamente și proceduri destinate cercetării motoarelor cu ardere internă, Editura Universității Transilvania din Brașov, 2015, ISBN 978-606-19-0706-9, https://www.worldcat.org/oclc/1288693758	14,1
1.1.1.2 Cărți naționale Profesor - minim 4 Punctaj: nr.pag/(5*nr.autori)	2. Țârulescu R., Țârulescu S., Mijloace de transport ecologice. Autobuze electrice și troleibuze, decembrie 2016, Editura Universității Transilvania din Brașov ISBN 978-606-19-0804-2, https://www.worldcat.org/oclc/1288690899	16,9

	3. Țârulescu R., Țârulescu S., Mijloace de transport ecologice. (Versiune electronică CD), decembrie 2016, Editura Universității Transilvania din Brașov ISBN 978-606-19-0803-5, https://www.worldcat.org/oclc/1288696868	16,9
	4. Chiru A., Țârulescu, S., Testarea și omologarea motoarelor cu ardere internă, Editura Matrix Rom, București, 2018, https://www.matrixrom.ro/produs/testarea-si-omologarea-motoarelor-cu-ardere-interna/	25
	5. Țârulescu S., Țârulescu R., Țârulescu N., Metodica și aparatura pentru analiza datelor de trafic rutier, Editura GlobeEdit, 2020, ISBN: 978-613-9-41804-6, https://my.globeedit.com/catalog/details/store/se/book/978-613-9-41804-6/metodica-%C8%99i-aparatura-pentru-analiza-datelor-de-trafic-rutier	7,2
Subtotal		80,1
1.2 Material didactic / Lucrări didactice		
1.2.1. Manuale didactice /monografii Profesor - minim 2 Punctaj: nr.pag/(10*nr.autori)	1. Țârulescu, S., Cofaru C., Ingineria si Legislatia Mediului, Curs pentru Învățământ cu Frecvență Redusă, Editura Universității Transilvania din Brașov, 2017.	9,4
	2. Țârulescu, S. - Instalații de comandă și control ale circulației, Editura Universității Transilvania din Brașov, 2016, ISBN 978-606-19-0788-5, https://www.worldcat.org/oclc/1288689440	14,1
	3. Țârulescu, S. - Metode numerice: Curs pentru Invatamant cu Frecventa Redusa editura: Reprografia Universitatii Transilvania din Brasov, 2009, ISBN 678-629-33-37-018-43, https://www.worldcat.org/oclc/1310205745	11,7
	4. Năstăsioiu M., Ispas N., Țârulescu, S., Trușcă D., Calculul si construcția motoarelor cu ardere internă, Vol. II, Curs pentru Invatamant cu Frecventa Redusa editura: Reprografia Universitatii Transilvania din Brasov, 2011.	5,18
	5. Cofaru C., Florea D., Țârulescu S., ș.a., Advanced road transport systems, Editura Universitatii Transilvania din Brasov, ISBN: 978-973-635-776-3, 2007, https://www.worldcat.org/oclc/895257526	2,3
	6. Florea D., Cofaru C., Țârulescu S., ș.a., Sisteme avansate de transport rutier, Editura Universitatii Transilvania din Brasov, 973-635-775-9, https://www.worldcat.org/oclc/895257524	2,2
	7. Țârulescu R., Țârulescu S., Ispas N., Sensors and control systems for vehicles, 2019, ISBN 978-606-19-1127-1, https://www.worldcat.org/oclc/1288698416	3,13
	8. Țârulescu R., Țârulescu S., Bazele sistemelor automate, 2019, ISBN 978-606-19-1119-6, https://www.worldcat.org/oclc/1288699110	5,35
	9. Țârulescu R., Țârulescu S., Vehicle mechatronics, 2019, ISBN 978-606-19-1128-8, https://www.worldcat.org/oclc/1288691703	4,05
1.2.2. Îndrumătoare de laborator/aplicatii; Profesor - minim 2 Punctaj: nr.pag/(20*nr.autori)	1. Țârulescu, S. - Instalații de comandă și control a circulației, îndrumar de laborator, Editura Universității Transilvania din Brașov, 2016, ISBN 978-606-19-0766-3, https://www.worldcat.org/oclc/1288691395	5,05
	2. Țârulescu, S. - Protecția și ingineria mediului, Editura Universității Transilvania din Brașov, 2018, ISBN 978-606-19-1001-4, https://www.worldcat.org/oclc/1288695098	5,05

		Subtotal	67,51
1.3 Coordonare de programe de studii, organizare și coordonare programe de formare continuă			
1.3.1. Director/ responsabil Punctaj: 10* nr. ani de desfășurare	1. Securitate Rutieră, Transport și Interacțiunea cu Mediul, din 2016		80
		Subtotal	80
1.4 Conducere proiecte de diplomă, disertație			
1.4.1. Conducere proiecte de disertație Punctaj: 1,5*proiect disertație (max. 50 pct. în total)	<ol style="list-style-type: none"> 1. Optimizarea traficului rutier prin modificarea parametrilor geometrici si dinamici ai unei intersectii, masterand: Achim Gheorghe 2. Metode de reducere a poluarii motoarelor cu aprindere prin compresie, masterand: Pop Paul-Alexandru 3. Evaluarea poluării sonore în mediul urban - studiu de caz în orașul Ghimbav, masterand: Moldoveanu Eugen 4. Studiu privind nivelul de poluare în cazul pornirii la rece a motoarelor cu aprindere prin comprimare, masterand: Topală Vlad Alin 5. Studiu privind beneficiile implementării unui sistem activ de pre-tensionare pentru centurile de siguranță, masterand: Căpitanu Marius-Dumitru 6. Sisteme inteligente de transport. Dirijarea mijloacelor de transport public prin metode moderne, masterand: Guiman Elena (Ciobotariu) 7. Studiu privind reducerea poluării la alimentarea cu GPL a unui M.A.I., masterand: Gyero Csongor-Gergely 8. Studiu privind nivelul de poluare produs de autovehicule in funcție de uzura motorului, masterand: Lucaș Laurențiu Gabriel 9. Studiu de impact privind introducerea transportului public în Orașul Ghimbav ca urmare a construirii Aeroportului Internațional Brașov - Ghimbav, masterand: Satcău Elena Mădălina 10. Studiu privind realizarea unei variante ocolitoare pentru localitățile Cristian si Râșnov, situate pe DN73, masterand: Scarlet Alexandru Lucian 11. Evaluarea nivelului de poluare produs de autovehicule echipate cu motor cu aprindere prin comprimare în funcție de temperatura ambientală, masterand: Știrbăț Nicolae-Valentin 12. Studiu privind amenajarea și organizarea parcarilor de tip Park & Ride în zonele urbane, masterand: Toma Liviu-Gabriel 13. Studiu privind utilizarea biocombustibililor în vederea reducerii poluării aerului, masterand: Boșteog Mihai 14. Analiza transportului de mărfuri utilizând autotransportoare, masterand: Luca Adrian 15. Mijloace de reducere activă a emisiilor poluante la M.A.C., masterand: Murariu Adrian 16. Utilizarea combustibililor alternativi in vederea reducerii poluarii generate de motorul cu aprindere prin comprimare, masterand: Ioan Vlad 		30

	<p>17. Reducerea poluării prin organizarea traficului rutier – sensurile giratorii, masterand: Imre Tamas</p> <p>18. Reducerea poluării prin optimizarea transportului în comun în zonele urbane, masterand: Leca George Bogdan</p> <p>19. Reducerea poluării prin organizarea traficului rutier, masterand: Molnar Csaba</p> <p>20. Reducerea poluării aerului produsă de autovehicule prin utilizarea GPL-ului ca si combustibil alternativ, masterand: Dragu Stefan</p>	
<p>1.4.2. Conducere proiecte de diplomă Punctaj: 1*proiect diplomă</p>	<p>1. Influența traficului rutier asupra nivelului de poluare chimică pe traseul B-dul Saturn + Strada Al. Vlahuță și analiza a 3 intersecții aparținând acestuia, 2015 , student: Deaconu Alin</p> <p>2. Influența traficului rutier asupra nivelului de poluare chimică pe traseul B-dul Eroilor + Strada 15 noiembrie și analiza a 3 intersecții aparținând acestuia, 2014, student: Taranu Stefanel</p> <p>3. Influența traficului rutier asupra nivelului de poluare chimică pe traseul Strada Mureșenilor + Șirul Bethhoven + Strada Nicolae Bălcescu și analiză a 3 intersecții aparținând acestuia, 2014, student: Stirbat Nicolae Valentin</p> <p>4. Influența traficului rutier asupra nivelului de poluare chimică pe traseul Strada Iuliu Maniu + Strada Nicolae Iorga și analiza a 3 intersecții aparținând acestuia, 2013, student: Edu Marian</p> <p>5. Influența traficului rutier asupra nivelului de poluare chimică pe traseul B-dul Saturn + Strada Al. Vlahuță și analiza a 3 intersecții aparținând acestuia, 2013, student: Neagu Ovidiu Andrei</p> <p>6. Influența traficului rutier asupra nivelului de poluare sonoră pe străzile de tip canion în mediul urban, student: Cristea A. Alexandru</p> <p>7. Proiectarea tehnologiei de manipulare, depozitare și transport intern, student: Ailioaic Andrei-Florentin</p> <p>8. Studiu privind influența traficului rutier din orașul Brașov asupra nivelului de poluare a aerului, student: Bîrsan Paul Nicolae.</p> <p>9. Studiu privind influența traficului rutier din centrul istoric al orașului Brașov asupra nivelului de poluare a aerului, student: Buzătoiu Claudiu-Constantin.</p> <p>10. Studiu privind influența traficului rutier din orașul Brașov asupra nivelului de poluare sonoră, student: Cozma Eduard Gabriel.</p> <p>11. Studiu privind influența traficului rutier din centrul istoric al orașului Brașov asupra nivelului de poluare sonoră, student: Pletosu Constantin Bogdan.</p> <p>12. Studiu privind măsurile de reducere a ambuteiajelor și aglomerației la orele de vârf pentru pentru un traseu din orașul Brașov, student: Bica Marius Gabriel.</p> <p>13. Studiu privind soluțiile de reducere a punctelor de conflict dintre categoriile principale de participanți la trafic pentru un traseu din orașul Brașov, student: Bordeanu Andrei Victor.</p> <p>14. Studiu privind implementarea benzilor de bicicliști pentru un traseu din orașul Brașov, student: Radu Paul Iulian.</p> <p>15. Studiu privind accesibilitatea transportului public pentru un traseu din orașul Brașov, student: Popescu Silviu-Bogdan.</p>	<p>20</p>

	<p>16. Studiu privind organizarea și funcționarea unei firme de transport, student: Sandu Iulian Constantin.</p> <p>17. Proiectarea unui sistem de transport de marfă. Calcul dinamic al unui autovehicul de transport, student: Nistor Andrei Mihai.</p> <p>18. Proiectarea unui sistem de transport de pasageri. Calcul dinamic al unui autovehicul de transport, student: Dogaru Cristina.</p> <p>19. Proiectarea unui sistem de transport de pasageri interurban. Calcul dinamic al unui autovehicul de transport, student: Opincă Sorin Ioan.</p> <p>20. Proiectarea tehnologiei de manipulare, depozitare și transport intern pentru un depozit, student: Necula Cătălin.</p>	
Subtotal		50
1.5 Introducere de noi discipline		
1.5 Introducere noi discipline Punctaj: 15*disciplină (max. 45 pct. în total)	Instalații de control și comanda circulației, Specializarea: Ingineria Transporturilor și a Traficului, anul de studii 3, https://www.worldcat.org/oclc/1288689440	15
1.5.2 Lucrări noi de laborator (2/lucrare)	<p>Instalații de control și comanda circulației, Specializarea: Ingineria Transporturilor și a Traficului, anul de studii 3, lucrări de laborator, https://www.worldcat.org/oclc/1288691395:</p> <ol style="list-style-type: none"> 1. Reglementarea bazată pe priorități și indicatoare de prioritate în cadrul transporturilor rutiere 2. Reglementări prin semaforizare în cadrul transporturilor rutiere 3. Marcaje utilizate în cadrul transporturilor rutiere 4. Intersecții reglementate prin diferențe de nivel (pasaje subterane sau supraterane) 5. Intersecții dintre căile rutiere cu căile feroviare 6. Transporturile maritime și fluviale - Sisteme de navigație și control 7. Managementul și controlul transporturilor aeriene 8. Sisteme, senzori și principii de poziționare globală 9. Analiza programelor de semaforizare pe sistemele de semaforizare 10. Simularea programelor de semaforizare utilizând componentele software 	20
Subtotal		35
Activitatea didactică și profesională (A1) minim 180 puncte - Total		312,61
Activitatea de cercetare (A2)		
2.1. Articole în extenso în reviste cotate și în proceedings indexate ISI Thomson Reuters - Tarulescu S (Author) – 29 – Web of Science Core Collection		
Minim 11 articole indexate ISI sau 60 puncte, pentru Profesor Punctaj: (25+20*factor impact)/nr. autori	<p>1. Țârulescu, R., Țârulescu, S., Leahu, Cl., Luca-Motoc, D. (2020). Marine Ship Equipped with Air Turbine – Electric Generator Aggregate. In: Dumitru, I., Covaciu, D., Racila, L., Rosca, A. (eds) The 30th SIAR International Congress of Automotive and Transport Engineering. SMAT 2019. Springer, Cham. https://doi.org/10.1007/978-3-030-32564-0_22, WOS:000528526600022,</p>	6,25

	https://www.webofscience.com/wos/woscc/full-record/WOS:000528526600022	
	<p>2. Țârulescu, S., Țârulescu, R., Leahu, CI. (2020). On-Board Measurement of Emissions from Spark Ignition Engine Vehicle for Urban Routes. In: Dumitru, I., Covaciu, D., Racila, L., Rosca, A. (eds) The 30th SIAR International Congress of Automotive and Transport Engineering. SMAT 2019. Springer, Cham. https://doi.org/10.1007/978-3-030-32564-0_29, WOS:000528526600029, https://www.webofscience.com/wos/woscc/full-record/WOS:000528526600029</p>	8,33
	<p>3. Chiru A., Țârulescu, S., Testing and approval of internal combustion engines, Ingineria Autovehiculului, (50), pp.2-2, martie 2019, WOS:000486368200001, https://www.webofscience.com/wos/woscc/full-record/WOS:000486368200001 0.01- Journal Citation Indicator™ (2022)</p>	12,5
	<p>4. Leahu, CI., Țârulescu, S., Radu S., Steady state engine efficiency specific to series hybrid electric vehicles, Ingineria Autovehiculului, (50), pp.19-22, martie 2019, WOS:000486368200008, https://www.webofscience.com/wos/woscc/full-record/WOS:000486368200008 0.01 - Journal Citation Indicator™ (2022)</p>	8,33
	<p>5. Florea, D., Covaciu, D., Timar, J., Țârulescu, S. (2019). Critical Evaluation of the Pedestrian Walking Distances on the Congested Urban Networks. In: Burnete, N., Varga, B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018). AMMA2018 2018. Proceedings in Automotive Engineering. Springer, Cham. https://doi.org/10.1007/978-3-319-94409-8_86, WOS:000578264900086, https://www.webofscience.com/wos/woscc/full-record/WOS:000578264900086</p>	6,25
	<p>6. Leahu, CI., Radu, S., Țârulescu, S., Țârulescu, R. (2019). Usage of Electric Motors/Generators for Engines Supercharging in Order to Increase the Efficiency of Exhaust Gas Energy Recovery. In: Burnete, N., Varga, B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018). AMMA2018 2018. Proceedings in Automotive Engineering. Springer, Cham. https://doi.org/10.1007/978-3-319-94409-8_64, WOS:000578264900064, https://www.webofscience.com/wos/woscc/full-record/WOS:000578264900064</p>	6,25
	<p>7. Luca Motoc, D., Țârulescu, R., Țârulescu, S., Șoica, A. (2019). Designing Hybrid BF/FF Epoxy Based Composites with Tailorable Dielectric Properties. In: Burnete, N., Varga, B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018). AMMA2018 2018. Proceedings in Automotive Engineering. Springer, Cham. https://doi.org/10.1007/978-3-319-94409-8_40,</p>	6,25

	WOS:000578264900040, https://www.webofscience.com/wos/woscc/full-record/WOS:000578264900040	
	8. Țârulescu, R., Țârulescu, S., Soica, A. (2019). Optimization of Cooling System for Internal Combustion Engines. In: Burnete, N., Varga, B. (eds) Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018). AMMA2018 2018. Proceedings in Automotive Engineering. Springer, Cham. https://doi.org/10.1007/978-3-319-94409-8_62 , WOS:000578264900062, https://www.webofscience.com/wos/woscc/full-record/WOS:000578264900062	8,33
	9. Leahu, CI., Țârulescu, S., Țârulescu, R., The exhaust gas temperature control through an adequate thermal management of the engine, Published under licence by IOP Publishing Ltd, IOP Conference Series: Materials Science and Engineering, Volume 444, Issue 7, WOS:000467443600123, https://www.webofscience.com/wos/woscc/full-record/WOS:00046744360012	8,33
	10. Manea Laurențiu, Manea Adriana, Florea Daniela, Țârulescu Stelian, Road Traffic Noise Pollution Analysis for Cernavoda City, IOP Conference Series: Materials Science and Engineering, Volume 252, Conference 1, indexare ISI 2018, WOS:000419817200057, https://www.webofscience.com/wos/woscc/full-record/WOS:000419817200057	6,25
	11. Țârulescu Stelian, Țârulescu Radu, Șoica Adrian, Leahu Cristian Ioan, Smart Transportation CO2 Emission Reduction Strategies, IOP Conference Series: Materials Science and Engineering, Volume 252, Conference 1, indexare ISI 2018, WOS:000419817200051, https://www.webofscience.com/wos/woscc/full-record/WOS:000419817200051	6,25
	12. Țârulescu Radu, Țârulescu Stelian, Șoica Adrian, Leahu Cristian Ioan, Downforce variation dependence of angle of incidence modification for the rear wing of high speed vehicles, IOP Conference Series: Materials Science and Engineering, Volume 252, Conference 1, indexare ISI 2018, WOS:000419817200025, https://www.webofscience.com/wos/woscc/full-record/WOS:000419817200025	8,33
	13. Țârulescu Stelian, Țârulescu Radu, Researches on Combustion Quality for a Single Cylinder Diesel Engine, 12th International Congress of Automotive and Transport Engineering (CONAT), DOI: 10.1007/978-3-319-45447-4_48, ISBN:978-3-319-45447-4, indexare ISI 2017, WOS:000390821400048, https://www.webofscience.com/wos/woscc/full-record/WOS:000390821400048	12,5
	14. Țârulescu Stelian, Țârulescu Radu, Urban Transportation Solutions for the CO2 Emissions Reduction Contributions, 12th International Congress of Automotive and Transport Engineering (CONAT), DOI: 10.1007/978-3-319-45447-4_49, ISBN:978-3-319-45447-4, indexare	12,5

	ISI 2017, WOS:000390821400049 , https://www.webofscience.com/wos/woscc/full-record/WOS:000390821400049	
	15. Țârulescu Radu, Țârulescu Stelian, Electronic Control Systems of E-Smart Vehicle, 12th International Congress of Automotive and Transport Engineering (CONAT), DOI: 10.1007/978-3-319-45447-4_49, ISBN:978-3-319-45447-4, indexare ISI 2017, WOS:000390821400056 , https://www.webofscience.com/wos/woscc/full-record/WOS:000390821400056	12,5
	16. Țârulescu Radu, Țârulescu Stelian, Battery Management System of E-Smart Vehicle, 12th International Congress of Automotive and Transport Engineering (CONAT), DOI: 10.1007/978-3-319-45447-4_49, ISBN:978-3-319-45447-4, indexare ISI 2017, WOS:000390821400057 , https://www.webofscience.com/wos/woscc/full-record/WOS:000390821400057	12,5
	17. Tolea Bogdan, Țârulescu Stelian, Trusca Daniel Dragos, Toganel George, Radu Alexandru Ionut, The Assessment of the Head Injury of a Pedestrian in Comparison with a Cyclist, 12th International Congress of Automotive and Transport Engineering (CONAT), DOI: 10.1007/978-3-319-45447-4_49, ISBN:978-3-319-45447-4, indexare ISI 2017, WOS:000390821400088 , https://www.webofscience.com/wos/woscc/full-record/WOS:000390821400088	5
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	28. Țârulescu S., Țoica A., Țârulescu R., Emissions level approximation at cold start for diesel vehicles, –IMT Oradea 2015, ANNALS OF THE ORADEA UNIVERSITY, Fascicle of Management and Technological Engineering, ISSUE #1, 2015, https://imt.uoradea.ro/auo.fmte/files-2015-v2/Tarulescu%20Stelian,%20Adrian%20Soica,%20Radu%20Tarulescu%20-%20EMISSIONS%20LEVEL%20APPROXIMATION%20AT%20COLD%20START%20FOR%20DIESEL%20VEHICLES.pdf	1,66
	29. Țârulescu R., Țârulescu S., Benche V., Dynamic characteristics of a translational mobile aggregate, –IMT Oradea 2015, ANNALS OF THE ORADEA UNIVERSITY, Fascicle of Management and Technological Engineering, ISSUE #1, 2015, https://www.researchgate.net/publication/294421256_DYNAMIC_CHARACTERISTICS_OF_A_TRANSLATIONAL_MOBILE_AGGREGATE	1,66
	30. Țârulescu S., Țârulescu R., Țoica A., Pollution level produced at engine start for a hybrid vehicle, European Automotive Congress, EAEC-ESFA'15 006B – FEP, November 25 - 27, 2015, ISSN 2067-1083, p 54-61, https://www.researchgate.net/publication/321545531_Proceedings_of_the_European_Automotive_Congress_EAEC-ESFA_2015	1,66
Subtotal		70,49
2.5. Granturi/proiecte câștigate prin competiție / de cercetare		
- Minim 2 granturi sau valoarea contractelor cu mediul economic minimum 200.000 lei pentru Profesor 20* nr. ani de desfasurare		
2.5.1 Director /responsabil:	1. ISDEGO - Implementation of Sustainable Urban Development Goals in Transport Bachelor Degree, Programul: ERASMUS-EDU-2024-CBHE-STRAND-2 1011799154, Coordonator UNITBV: Stelian TÂRULESCU, Rol UNITBV: Partener, Perioadă de implementare: 2024-2027, https://www.unitbv.ro/cercetare/rezultatele-cercetarii/competitii-internationale.html	20
2.5.1.1 Internaționale 20*nr.ani desfășurare (1 an = 12 luni)		
2.5.2. Membru în echipă	1. PN II 3733-7220/2008, Cercetări privind controlul inteligent al unui sistem de propulsie electric hibrid cu transmisie continuă (CVT),	6

2.5.2.2 Proiecte naționale Punctaj: 2* nr. ani de desfasurare	perioada: 2008 – 2011, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/proiecte-nationale/Arhiva_proiecte_nationale_site_actualizat_ianuarie_2024.pdf	
	2. Proiect CEEEX nr. X2C34, Cod MEC 1589, Managementul creșterii mobilității urbane și modalități de implementare a soluțiilor durabile, menit să satisfacă cerințele sociale și economice de perspectivă, în traficul rutier, perioada: 2006 – 2008, https://www.unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/proiecte-nationale/Arhiva_proiecte_nationale_site_actualizat_1_ianuarie_2018.pdf	6
	3. Contract CEEEX X1C01/03.10.2005, Posibilitățile și limitele ecologizării transportului urban prin utilizarea combustibililor proveniți din uleiuri vegetale, partener Universitatea Transilvania din Brașov, perioada: 2006 – 2008, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/proiecte-nationale/Arhiva_proiecte_nationale_site_actualizat_ianuarie_2024.pdf	4
	4. Proiect IDEI ID_130 “Influența profilului frontal al caroseriei asupra vătămării pietonilor“, proiect PN CD II, perioada: 2007 – 2009, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/proiecte-nationale/Arhiva_proiecte_nationale_site_actualizat_ianuarie_2024.pdf	6
Subtotal		42
2.5.2 Proiecte de cercetare/consultanță cu mediul economic		
2.5.2. Director/responsabil Punctaj: 5* nr. ani de desfasurare	1. 1181/1.02.2022, Studiu privind realizarea Planului de Acțiuni pentru Climă și Energie Durabilă - PACED Brașov 2021-2030, în valoare de 11.795 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	5
	2. 14979/1.11.2021, Thematic Trail Trigger – Three T” (Inițierea unor Trasee Tematice) – Proiect pilot ”Zone de liniște ca atracție turistică”, valoarea 72.737,56 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	5
	3. 3058/22.03.2019, Soluții și măsuri privind sistematizarea traficului pe Platforma AUTOLIV Brasov, valoarea 11.682 lei,	5

	https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	
4.	15427/26.10.2018, Sistematizarea traficului pe Platforma AUTOLIV Braşov, valoarea 12.980 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	5
5.	7281/14.06.2018, Studiu privind adaptarea spaţiului urban şi clădirilor civile la nevoile individuale ale persoanelor cu handicap, valoarea 16.247 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	5
6.	9239/07.08.2017, Studiu de trafic rutier pentru oraşul Cernavodă, 2017, valoarea: 117.810 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	5
7.	1755/16.02.2017, Introducere sistem de transport urban inteligent şi ecologic în oraşul Ghimbav. Trasee şi infrastructură pentru transport electric, valoarea: 10.115 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	5
8.	2842/14.03.2016, Planul de mobilitate urbană durabilă al oraşului Ghimbav, valoarea: 28.500 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	5
9.	2964/13.03.2015, Plan de acţiune privind energia durabilă pentru Municipiul Săcele, valoarea: 1.700 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	5
10.	10496/14.09.2015, Studiu de mobilitate privind traficul rutier al oraşului Ghimbav, 2015 - 2016 valoarea: 13.451,62 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva_CONTRACTE_CU_TERTI_31_ian_2024_site.pdf	5
11.	12845/14.10.2016, Studiu privind parametrii de eficienţă energetică la nivelul strategiei locale şi a PAED pentru oraşul	5

	Ghimbav, valoarea: 2.000 lei, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	
2.5.2. Membru în echipă Punctaj: 2* nr. ani de desfasurare	1. Proiect de cercetare cu terți 25254/03.08.2009, Studiu de trafic în municipiul Călărași, 2009 – 2010, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	2
	2. Proiect de cercetare cu terți, Optimizarea traficului rutier pe Strada Câmpului din Municipiul Săcele – Contract de cercetare științifică cu Primăria Municipiului Săcele, 2008,	2
	3. Contract cu terți UnitBv, nr. 11656/29.09.2016, “Analiză tehnico-economică comparativă între autobuze Diesel, autobuze electrice și troleibuze”, 2016, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	2
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	5. 3680/24.03.2022, Studiu pentru realizarea Planului de Mobilitate Urbană Durabilă a orașului Nădlac, 2022, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	2
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	8. 11918/11.10.2019, Studiu privind masurarea lungimii efective a traseelor liniilor de autobuze ale RATBv, 2019, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	2
	9. 666/22.01.2020, Modernizarea transportului în municipiul Hunedoara prin investiții în transportul public ecologic – Coridorul Central, 2020, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	2

	cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	
	10. 667/22.01.2020, Modernizarea transportului în municipiul Hunedoara prin investiții în transportul public ecologic – Coridorul de Est, 2020, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	2
	11. 668/22.01.2020, Modernizarea transportului în municipiul Hunedoara prin investiții în transportul public ecologic – Coridorul de Vest, 2020, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	2
	12. 2741/09.03.2021, Modelarea Traficului rutier pentru intersecțiile orasului Agnita, 2021, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	2
	13. 7216/31.05.2022, Studiu de oportunitate privind stabilirea modalității de gestiune a serviciului de transport public local de călători în Municipiul Mangalia, 2022, https://unitbv.ro/documente/cercetare/rezultatele-cercetarii/proiecte/contracte-terti/Arhiva CONTRACTE CU TERTI 31 ian 2024 site.pdf	2
	14. 4377/06.04.2023, Studiu pentru realizarea Planului de Mobilitate Urbană Durabilă pentru localitatea Cajvana, 2022-2023, https://unitbv.ro/cercetare/rezultatele-cercetarii/contracte-cu-companii.html	2
	15. 12215/18.09.2023, Studiu pentru realizarea Planului de Mobilitate Urbană Durabilă pentru localitatea Negru Vodă, 2023 – 2024, https://unitbv.ro/cercetare/rezultatele-cercetarii/contracte-cu-companii.html	2
	Subtotal	85
	Activitatea de cercetare (A2) minim 200 puncte - Total	611,88
Recunoașterea și impactul activității (A3)		
3.1. Citări în reviste ISI și BDI		
Pofsor minim 40 de puncte		
3.1.1 ISI cu factor de impact Punctaj: 20/nr. autori	1. Titlu citat : Urban Transportation Solutions for the CO2 Emissions Reduction Contributions, Tarulescu, S.; Tarulescu, R. – Titlu : A prospective study to evaluate CO2 emission mitigation strategies for highway transportation, Gedik, A; Uslu, O; Lav, AH, ENVIRONMENTAL MONITORING AND ASSESSMEN, Volume194 Issue10, DOI10.1007/s10661-022-10349-5, 2022, ISSN 0167-6369, Journal Citation Indicator TM (2022) = 0,52,	10

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	<p>2. Titlu citat: The Assessment of the Head Injury of a Pedestrian in Comparison with a Cyclist, Tolea, B.; Tarulescu, S.; Trusca, DD.; Toganel, G.; Radu, AI. – Titlu: Head injury of two-wheeler cyclist based on fluid-solid coupling head model, Yang, N; Liu, T; Wang, JF; Li, ZY; Li, WH; Liu, YQ, HELIYON, Volume9Issue3, DOI10.1016/j.heliyon.2023.e14346, 2023, eISSN 2405-8440, Journal Citation Indicator TM (2022) = 0,8, https://www.webofscience.com/wos/woscc/summary/9c241da6-23de-40b1-8235-f9cbcaef405-e91f55e8/date-descending/1</p>	4
	<p>3. Titlu citat: The exhaust gas temperature control through an adequate thermal management of the engine, Leahu, CI; Tarulescu, S; Tarulescu, R – Titlu: A review of regeneration mechanism and methods for reducing soot emissions from diesel particulate filter in diesel engine, Luo, JB; Zhang, HG; Liu, ZH; Zhang, ZQ; Pan, YJ; Liang, XG; Wu, SZ; Xu, HX H; Xu, S; Jiang, CM, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Volume30Issue37Page86556-86597, DOI10.1007/s11356-023-28405-z, 2023, ISSN 0944-1344, Journal Citation Indicator TM (2022) = 0,91, https://www.webofscience.com/wos/woscc/summary/462f2371-3812-430a-b414-33ddf4199b78-e91f89e6/date-descending/1</p>	6,66
	<p>4. Titlu citat: The exhaust gas temperature control through an adequate thermal management of the engine, Leahu, CI; Tarulescu, S; Tarulescu, R – Titlu: Investigation of the effect of JP-8 fuel and biodiesel fuel mixture on engine performance and emissions by experimental and statistical methods, Ardebili, SMS; Kocakulak, T; Aytav, E; Calam, A - ENERGY, Volume254PartA, DOI10.1016/j.energy.2022.124155, 2022, ISSN 0360-5442, Journal Citation Indicator TM (2022) = 1,55, https://www.webofscience.com/wos/woscc/summary/462f2371-3812-430a-b414-33ddf4199b78-e91f89e6/date-descending/1</p>	6,66
	<p>5. Titlu citat: The exhaust gas temperature control through an adequate thermal management of the engine, Leahu, CI; Tarulescu, S; Tarulescu, R – Titlu: Bench Tests for Exhaust Gas Temperature Distribution in an Aircraft Piston Engine with and without a Turbocharger, Czarnigowski, J; Skiba, K; Rekas, D; Scislowski, K; Jaklinski, P, ADVANCES IN SCIENCE AND TECHNOLOGY-RESEARCH JOURNAL, Volume15Issue3Page155-166, DOI10.12913/22998624/139688, 2021, ISSN 2080-4075, Journal Citation Indicator TM (2022) = 0,31,</p>	6,66

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	<p>7. Titlu citat: The exhaust gas temperature control through an adequate thermal management of the engine, Leahu, CI; Tarulescu, S; Tarulescu, R – Titlu: Experimental Research on Exhaust Thermal Management Control Strategy for Diesel Particular Filter Active Regeneration, Wang, J; Wang, B; Cao, Z, INTERNATIONAL JOURNAL OF AUTOMOTIVE TECHNOLOGY, Volume21Issue5Page1185-1194, DOI10.1007/s12239-020-0112-x, 2020, ISSN 1229-9138, Journal Citation Indicator™ (2022) = 0,36, https://www.webofscience.com/wos/woscc/summary/462f2371-3812-430a-b414-33ddf4199b78-e91f89e6/date-descending/1</p>	6,66
	<p>8. Titlu citat: Road Traffic Noise Pollution Analysis for Cernavoda City, Manea, L; Manea, A; Florea, D; Tarulescu, S – Titlu: Urban noise assessment and its nonauditory health effects on the residents of Chiniot and Jhang, Punjab, Pakistan, Farooqi, ZUR; Ahmad, I; Zeeshan, N; Ilic, P; Imran, M (Imran, Muhammad) [2]; Saeed, MF, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Volume28Issue39Page54909-54921, DOI10.1007/s11356-021-14340-4, 2021, ISSN 0944-1344, Journal Citation Indicator™ (2022) = 0,91, https://www.webofscience.com/wos/woscc/summary/b0629fe4-6baf-4266-ace2-cd7fe85eace4-e9205e05/date-descending/1</p>	5
	<p>9. Titlu citat: Smart Transportation CO2 Emission Reduction Strategies, Tarulescu, S; Tarulescu, R; Soica, A; Leahu, CI – Titlu: A Systematic Review on Carbon Dioxide (CO2) Emission Measurement Methods under PRISMA Guidelines: Transportation Sustainability and Development Programs, Zubair, M; Chen, SY; Ma, YF; Hu, XJ, SUSTAINABILITY, Volume15Issue6, DOI10.3390/su15064817, 2023, eISSN 2071-1050, Journal Citation Indicator™ (2022) = 0,67, https://www.webofscience.com/wos/woscc/summary/ea1864a-2200-411d-8f72-888ce2c288d8-e920ae63/date-descending/1</p>	5

	<p>10. Titlu citat: Smart Transportation CO2 Emission Reduction Strategies, Tarulescu, S; Tarulescu, R; Soica, A; Leahu, CI – Titlu: Fixed-charge solid transportation problem with budget constraints based on carbon emission in neutrosophic environment, Ghosh, S; Roy, SK; Verdegay, JL, SOFT COMPUTING, Volume26Issue21Page11611-11625, DOI10.1007/s00500-022-07442-9, 2022, ISSN 1432-7643, Journal Citation Indicator™ (2022) = 0,73, https://www.webofscience.com/wos/woscc/summary/eaal864a-2200-411d-8f72-888ce2c288d8-e920ae63/date-descending/1</p>	5
	<p>11. Titlu citat: Smart Transportation CO2 Emission Reduction Strategies, Tarulescu, S; Tarulescu, R; Soica, A; Leahu, CI – Titlu: Seeking low carbon urban design through modelling of carbon emission from different sources in urban neighbourhoods, case study: Semnan, Baghi, ESMS; Ranjbar, E, INTERNATIONAL JOURNAL OF URBAN SUSTAINABLE DEVELOPMENT, Volume13Issue3Page546-568, DOI10.1080/19463138.2021.1904245, 2021, ISSN 1946-3138, Journal Citation Indicator™ (2022) = 0,46, https://www.webofscience.com/wos/woscc/summary/eaal864a-2200-411d-8f72-888ce2c288d8-e920ae63/date-descending/1</p>	5
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	15. Titlu citat: Impact phase in frontal vehicle-pedestrian collisions, Soica, A; Tarulescu, S – Titlu: Deterministic Throw Model for Longitudinal Rear-End Vehicle to Cyclist Collisions, Condrea, OA; Toganel, GR; Trusca, DD, INTERNATIONAL JOURNAL OF AUTOMOTIVE TECHNOLOGY, Volume22Issue1Page37-46, DOI10.1007/s12239-021-0005-7, 2021, ISSN 1229-9138, Journal Citation Indicator TM (2022) = 0,36, https://www.webofscience.com/wos/woscc/summary/2d4b70df-7961-4673-87d9-5900101fefda-e9f1e25a/date-descending/1	10
	16. Titlu citat: Impact phase in frontal vehicle-pedestrian collisions, Soica, A; Tarulescu, S – Titlu: CYCLIST HEAD TO WINDSHIELD IMPACT ANALYSIS. DEFORMATION AND PERFORATION CASE STUDY, Condrea, OA; Chiru, A; Toganel, G; Radu, IA; Chiriac, RL, INGINERIA AUTOMOBILULUI, Issue54Page21-24, 2020, ISSN 1842-4074, Journal Citation Indicator TM (2022) = 0,01, https://www.webofscience.com/wos/woscc/summary/2d4b70df-7961-4673-87d9-5900101fefda-e9f1e25a/date-descending/1	10
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	19. Titlu citat: Impact phase in frontal vehicle-pedestrian collisions, Soica, A.; Tarulescu, S. – Titlu: MATHEMATICAL MODEL VALIDATED BY A CRASH TEST FOR STUDYING THE OCCUPANT'S KINEMATICS AND DYNAMICS IN A CARS' FRONTAL COLLISION, Ionut, RA; Corneliu, C; Bogdan, T,	10

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	<p>20. Titlu citat: Impact phase in frontal vehicle-pedestrian collisions, Soica, A.; Tarulescu, S. – Titlu: Multi-objective robust design optimization of a novel negative Poisson's ratio bumper system, Zhou,; Zhao, WZ; Ma, ZD; Wang, CY; Li, YF, SCIENCE CHINA-TECHNOLOGICAL SCIENCES, Volume60Issue7Page1103-1110, DOI10.1007/s11431-016-0751-6, 2017, ISSN 1674-7321, Journal Citation Indicator TM (2022) = 0,87, https://www.webofscience.com/wos/woscc/summary/2d4b70df-7961-4673-87d9-5900101fefda-e9f1e25a/date-descending/1</p>	10
	<p>21. Titlu citat: Impact phase in frontal vehicle-pedestrian collisions, Soica, A.; Tarulescu, S. – Titlu: Motion state recognition of debris ejected in vehicular collision after contact with the ground, Du, XJ; Su, DZ; Wang, ZY, INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY, Volume54Issue4Page332-346, DOI10.1504/IJMPT.2017.082623, 2017, ISSN 0268-1900, Journal Citation Indicator TM (2022) = 0,11, https://www.webofscience.com/wos/woscc/summary/2d4b70df-7961-4673-87d9-5900101fefda-e9f1e25a/date-descending/1</p>	10
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	<p>26. Titlu citat: Respiratory exposure to air pollutants, Taus, N.; Tarulescu, S.; Idomir, M.; Taus, R. – Titlu: Airborne fine particulate matter (PM2.5) at industrial, high- and low-density residential sites in a Nigerian megacity, Ezeh, GC; Obioh, IB; Asubiojo, OI; Onwudiegwu, CA; Nuviadenu, CK; Ayinla, SB, TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, Volume100Issue3Page326-333, DOI10.1080/02772248.2018.1485924, 2018, ISSN 0277-2248, Journal Citation Indicator™ (2022) = 0,3, https://www.webofscience.com/wos/woscc/summary/c3aa2d06-9d8d-4ce2-a34b-72caca531cd8-e9f3da85/date-descending/1</p>	5
	<p>27. Titlu citat: Respiratory exposure to air pollutants, Taus, N.; Tarulescu, S.; Idomir, M.; Taus, R. – Titlu: Characterization and source apportionment of PM2.5 based on error estimation from EPA PMF 5.0 model at a medium city in China, Liu,.; Wu, JH; Zhang, JY; Wang, L; Yang, JM; Liang, DN; Dai, QL; Bi, XH; Feng, YC; Zhang, YF; Zhang, QX, ENVIRONMENTAL POLLUTION, Volume222Page10-22, DOI10.1016/j.envpol.2017.01.005, 2017, ISSN 0269-7491, Journal Citation Indicator™ (2022) = 1,57, https://www.webofscience.com/wos/woscc/summary/c3aa2d06-9d8d-4ce2-a34b-72caca531cd8-e9f3da85/date-descending/1</p>	5

	<p>28. Titlu citat: Respiratory exposure to air pollutants, Taus, N.; Tarulescu, S.; Idomir, M.; Taus, R. – Titlu: Characteristics and health risk assessment of trace metal(loid)s in PM10 at a mining city in Southwest China, Cheng, X; Huang, Y; Wang, R; Ni, SJ; Long, ZJ; Liu, C, INTERNATIONAL JOURNAL OF ENVIRONMENT AND POLLUTION, Volume61Issue2Page119-133, DOI10.1504/IJEP.2017.085652, 2017, ISSN 0957-4352, Journal Citation Indicator™ (2022) = 0,06, https://www.webofscience.com/wos/woscc/summary/c3aa2d06-9d8d-4ce2-a34b-72caca531cd8-e9f3da85/date-descending/1</p>	5
	<p>29. Titlu citat: Respiratory exposure to air pollutants, Taus, N.; Tarulescu, S.; Idomir, M.; Taus, R. – Titlu: Characteristics, Sources and Health Risk Assessment of Trace Metals in PM10 in Panzhihua, China, Cheng, X; Huang, Y; Long, ZJ; Ni, SJ; Shi, ZM; Zhang, CJ, BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, Volume98Issue1Page76-83, DOI10.1007/s00128-016-1979-0, 2017, ISSN 0007-4861, Journal Citation Indicator™ (2022) = 0,54, https://www.webofscience.com/wos/woscc/summary/c3aa2d06-9d8d-4ce2-a34b-72caca531cd8-e9f3da85/date-descending/1</p>	5
	<p>30. Titlu citat: Respiratory exposure to air pollutants, Taus, N.; Tarulescu, S.; Idomir, M.; Taus, R. – Titlu: Chemical composition and source apportionment of ambient PM2.5 during the non-heating period in Taian, China, Liu, BS; Song, N; Dai, QL; Mei, RB; Sui, BH; Bi, XH; Feng, YC, ATMOSPHERIC RESEARCH, Volume170Page23-33, DOI10.1016/j.atmosres.2015.11.002, 2016, ISSN 0169-8095, Journal Citation Indicator™ (2022) = 1,32, https://www.webofscience.com/wos/woscc/summary/c3aa2d06-9d8d-4ce2-a34b-72caca531cd8-e9f3da85/date-descending/1</p>	5
	<p>31. Titlu citat: Respiratory exposure to air pollutants, Taus, N.; Tarulescu, S.; Idomir, M.; Taus, R. – Titlu: Health impacts due to particulate air pollution in Volos City, Greece, Moustiris, KP; Proias, GT; Larissi, IK; Nastos, PT; Koukouletsos, KV; Paliatsos, AG, JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, Volume51Issue1Page15-20, DOI10.1080/10934529.2015.1079099, 2016, ISSN 1093-4529, Journal Citation Indicator™ (2022) = 0,3, https://www.webofscience.com/wos/woscc/summary/c3aa2d06-9d8d-4ce2-a34b-72caca531cd8-e9f3da85/date-descending/1</p>	5
	<p>32. Titlu citat: Respiratory exposure to air pollutants, Taus, N.; Tarulescu, S.; Idomir, M.; Taus, R. – Titlu: Characteristics and Risk Assessment of Heavy Metals in Airborne PM10 from a Residential</p>	5

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	34. Titlu citat: Respiratory exposure to air pollutants, Taus, N.; Tarulescu, S.; Idomir, M.; Taus, R. – Titlu: Estimations of primary and secondary organic carbon formation in PM2.5 aerosols of Santiago City, Chile, Seguel, R; Morales, RGE; Leiva, MA, ATMOSPHERIC ENVIRONMENT, Volume43Issue13Page2125-2131, DOI10.1016/j.atmosenv.2009.01.029, 2009, ISSN 1352-2310, Journal Citation Indicator™ (2022) = 1,07, https://www.webofscience.com/wos/woscc/summary/c3aa2d06-9d8d-4ce2-a34b-72caca531cd8-e9f3da85/date-descending/1	5
	Subtotal	22,3
3.1.1 ISI fără factor de impact Punctaj: 15/nr. autori	1. Titlu citat : Study on Mixture Formation at an Experimental Spark Ignition Engine, Dogariu, DM; Chiru, A; Târulescu, S; Lazar, M; Stancu, VS - Titlu : Theoretical calculation model of the propulsion engine admission parameters for different functional conditions, Vornicu, V; Ulian, T; (...); Talif, S, 21st Innovative Manufacturing Engineering and Energy International Conference (IManE and E), 2017, https://www.webofscience.com/wos/woscc/summary/cf61fa16-4688-4dbb-b5b0-80d19c481cea-e91ee91b/date-descending/1	3
	2. Titlu citat: Smart Transportation CO2 Emission Reduction Strategies, Tarulescu, S; Tarulescu, R; Soica, A; Leahu, CI – Titlu: A Review on Electric Bus Charging Scheduling from Viewpoints of Vehicle Scheduling, Rong, A (Rong, A.) [1] ; Chen, S (Chen, S.) [1] ; Shi, D (Shi, D.) [2] ; Zhang, M (Zhang, M.) [1] ; Wang, C (Wang, C.) [1], IEEE, 2021 IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL ENGINEERING AND ENGINEERING MANAGEMENT (IEEE IEEM21), Page1-5, DOI10.1109/IEEM50564.2021.9673069, 2021, ISSN 2157-3611,	3,75

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	3. Titlu citat: Respiratory exposure to air pollutants, Taus, N.; Tarulescu, S.; Idomir, M.; Taus, R. – Titlu: Characterization of organic functional groups, water-soluble ionic species and carbonaceous compounds in PM10 from various emission sources in Songkhla Province, Thailand, Thumanu, K; Pongpiachan, S; Ho, KF; Lee, SC; Sompongchaiyakul, P, AIR POLLUTION XVII, Volume123Page295-306, DOI10.2495/AIR090271, 2009, ISSN 1743-3541, https://www.webofscience.com/wos/woscc/summary/c3aa2d06-9d8d-4ce2-a34b-72caca531cd8-e9f3da85/date-descending/1	3,75
Subtotal		10,5
3.1.3 BDI Punctaj: 10/nr. autori	1. Titlu citat: Computer Simulation and Experimental Research of the Vehicle Impact, issncitat: 17905117, titlu: Development of lumped-parameter mathematical models for a vehicle localized impact, revista: Journal of Mechanical Science and Technology July 2011, Volume 25, Issue 7, pp 1737-1747 issn citeaza: 19763824 An Aparitie: 2011 nr Autori: 4 http://link.springer.com/article/10.1007/s12206-011-0505-x	2,5
	2. Titlu citat: Computer simulation and experimental research of the vehicle impact, issn citat: 17905117, titlu: A fuzzy logic approach to modeling a vehicle crash test, revista: Central European Journal of Engineering March 2013, Volume 3, Issue 1, pp 67-79 issn citeaza: 20819927 An Aparitie: 2013 nr Autori: 4 http://link.springer.com/article/10.2478/s13531-012-0032-2	2,5
	3. Titlu citat: Computer simulation and experimental research of the vehicle impact, issn citat: 17905117, titlu: Mathematical modeling of a vehicle crash test based on elasto-plastic unloading scenarios of spring-mass models, revista: The International Journal of Advanced Manufacturing Technology July 2011, Volume 55, Issue 1-4, pp 369-378 issn citeaza: 14333015 An Aparitie: 2011 nr Autori: 4 http://link.springer.com/article/10.1007/s00170-010-3056-x	2,5
	4. Titlu Citat: Emissions level approximation at cold start for spark ignition engine vehicles, titlu: The influence of thermal regime on gasoline direct injection engine performance and emissions link: http://iopscience.iop.org/article/10.1088/1757-899X/147/1/012127/meta	3,33
	5. Titlu Citat: Optimizing combustion in an single cylinder GDI engine RCV: IOP Conf. Series: Materials Science and Engineering 147 (2016), titlu: The influence of thermal regime on gasoline direct injection engine performance and emissions link: http://iopscience.iop.org/article/10.1088/1757-	3,33

	899X/147/1/012127/pdf http://iopscience.iop.org/article/10.1088/1757-899X/147/1/012127/pdf	
	6. Titlu citat: Emissions Level Approximation at Cold Start for Spark Ignition Engine Vehicles, titlu: Researches on the influence of pressure wave compressor on the intake air temperature at the supercharged engines, link: https://www.researchgate.net/publication/280733011_RESEARCHES_ON_THE_INFLUENCE_OF_PRESSURE_WAVE_COMPRESSOR_ON_THE_INTAKE_AIR_TEMPERATURE_AT_THE_SUPERCHARGED_ENGINES	3,33
	7. Titlu citat: Emissions Level Approximation at Cold Start for Spark Ignition Engine Vehicles, titlu: Research on sequential speed driving of the pressure wave compressors, link: http://imtuoradea.ro/auo.fmte/files-2015-v1/Cristian-Ioan%20LEAHU%20-%20RESEARCH%20ON%20SEQUENTIAL%20SPEED%20DRIVING%20OF%20THE%20PRESSURE%20WAVE%20COMPRESSORS.pdf	3,33
	8. Titlu citat: Chemical pollution produced by the heavy vehicles in urban areas, titlu: Research on sequential speed driving of the pressure wave compressors, link: http://imtuoradea.ro/auo.fmte/files-2015-v1/Cristian-Ioan%20LEAHU%20-%20RESEARCH%20ON%20SEQUENTIAL%20SPEED%20DRIVING%20OF%20THE%20PRESSURE%20WAVE%20COMPRESSORS.pdf	5
	9. Titlu citat: A modality to optimize common functioning of a pressure wave supercharger with an internal combustion engine, titlu: Research on sequential speed driving of the pressure wave compressors, link: http://imtuoradea.ro/auo.fmte/files-2015-v1/Cristian-Ioan%20LEAHU%20-%20RESEARCH%20ON%20SEQUENTIAL%20SPEED%20DRIVING%20OF%20THE%20PRESSURE%20WAVE%20COMPRESSORS.pdf	3,33
	10. Titlu citat: A Modality to Optimize Common Functioning of a Pressure Wave Supercharger with an Internal Combustion Engine, titlu: Researches on the influence of pressure wave compressor on the intake air temperature at the supercharged engines link: http://webbut.unitbv.ro/Bulletin/Series%20I/BULETIN%20I%20PDF/Leahu_CI.pdf	3,33
	11. Titlu citat: Emissions Level Approximation at Cold Start for Spark Ignition Engine Vehicles, titlu: Researches on the influence of pressure wave compressor on the intake air temperature at the supercharged engines link: http://webbut.unitbv.ro/Bulletin/Series%20I/BULETIN%20I%20PDF/Leahu_CI.pdf	3,33
Subtotal		35,81
3.4. Membru în colectivele de redacție sau comitete științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice / Recenzor		
3.4.2 BDI Punctaj: 8	1. Congresul Internațional de Ingineria Autovehiculelor și Transportului CONAT2004 revista: Data Apariție: 2004 http://www.conat.ro/conat/	8

	2. Congresul International de Ingineria Autovehiculelor si Transportului CONAT2010 revista: Data Aparitie: 2010 http://www.conat.ro/conat/	8
	3. Congresul International de Ingineria Autovehiculelor si Transportului CONAT2016 revista: Data Aparitie: 2016 http://www.conat.ro/conat//	8
Subtotal		24
3.5. Experiență de management, analiză și evaluare în cercetare și/sau învățământ		
3.5.1 Conducere Punctaj: 5* nr. ani de desfășurare	1. Echipa de gestionare a riscurilor - Autovehicule și Transporturi perioada: 2013 - 2020, 2023 – 2024, nr. Ani Desfășurare: 8.	40
	2. Coordonator al Biroului de Management al Proiectelor în cadrul Universității Transilvania din Brașov, perioada 2020 - 2021, nr. Ani Desfășurare: 2.	10
	3. Coordonator al Centrului de Cercetare Produse High Tech pentru Autovehicule din cadrul Institutului de Cercetare Dezvoltare al Universității Transilvania din Brașov, perioada 2019 - 2024, nr. Ani Desfășurare: 5.	25
3.5.2. Experiență de management, analiză și evaluare în cercetare și/sau învățământ - Organizații naționale - Membru/evaluator	4. Expert evaluator in domeniul transporturilor în cadrul programului Operational Regional 2014-2020 in Regiunea Vest perioada: 2018-2019, nr. Ani Desfășurare: 1.	2
Subtotal		77
3.6. Referent în comisii de doctorat / abilitare; Membru în echipe de îndrumare doctorat		
3.6.2. Național Punctaj : 5	1. Coordonator doctorat – Drd.ing. Remus-Cosmin Szigeti, Tema: Metode de creștere a eficacității transportului public metropolitan, Înmatriculat în anul 2023 la Școala Doctorală a Facultății de Transporturi la Universitatea Națională de Știință și Tehnologie Politehnica București	5
Subtotal		5
3.8. Membru în academii, organizații, asociații profesionale de prestigiu, naționale și internaționale, apartenență la organizații din domeniul educației și cercetării		
3.8.4 Asociații profesionale 3.8.4.1 Internaționale Punctaj: 10	1. Society of Automotive Engineering	10
3.8.4.2 Naționale Punctaj: 5	2. Societatea Inginerilor de Automobile din România	5
	3. Intelligent Transport Systems România	5
Subtotal		20
Recunoașterea și impactul activității (A3) minim 20 puncte - Total		394,61
Profesor - minim 400 puncte - TOTAL		1138,01