

## UNIVERSITATEA NAȚIONALĂ DE ȘTIINȚĂ ȘI TEHNOLOGIE POLITEHNICA BUCUREȘTI

FIȘA DE VERIFICARE A ÎNDEPLINIRII STANDARDELOR DE  
PREZENTARE LA CONCURS [ABILITARE]

CANDIDAT: Conf.dr.ing.Toma Marius Florin

Post Facultatea. de Transporturi

| Condiții                                                                                                                 | Îndeplinire condiții                                                                                                                                                                                                                                                                                         |                 |
|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <b>A. Doctor</b>                                                                                                         | Diploma de Doctor în domeniul Transporturi, nr. 107 din 15.01.2014, emisa de Universitatea Politehnica din București                                                                                                                                                                                         |                 |
| <b>B. Îndeplinirea standardelor minime naționale conform OMENCS Nr. 6129 / 20.12.2016 [MO, I, 123 / 15.02.2017]</b>      | Standarde îndeplinite, conform Comisiei CNATDCU Nr. 13, Comisia de Inginerie Aerospațială, Autovehicule și Transporturi<br>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                                                                                | 180                                                                                                                                                                                                                                                                                                          | 293,26          |
| A2. Activitatea de cercetare                                                                                             | 200                                                                                                                                                                                                                                                                                                          | 473,79          |
| A3. Recunoașterea și impactul activității                                                                                | 100                                                                                                                                                                                                                                                                                                          | 582,07          |
| <b>TOTAL (A)</b>                                                                                                         | <b>480</b>                                                                                                                                                                                                                                                                                                   | <b>1349,12</b>  |
| <b>Condiții minime obligatorii pe subcategorii [Număr]</b>                                                               | <b>Minim prevăzut</b>                                                                                                                                                                                                                                                                                        | <b>Realizat</b> |
| A.1.1.1. Cărți și capitole în cărți de specialitate                                                                      | 4                                                                                                                                                                                                                                                                                                            | 5               |
| A.1.2.1. Manuale didactice                                                                                               | 2                                                                                                                                                                                                                                                                                                            | 2               |
| A.1.2.2. Îndrumare de laborator / aplicații                                                                              | 2                                                                                                                                                                                                                                                                                                            | 2               |
| A. 2.1.2. Articole în reviste cotate și în proceedings indexate ISI Thomson Reuters și brevete de invenții               | 11                                                                                                                                                                                                                                                                                                           | 22              |
| A. 2.1.2. Articole în reviste și în volume ale unor manifestări științifice indexate în alte baze de date internaționale | 5                                                                                                                                                                                                                                                                                                            | 15              |
| A. 2.1.4. Granturi câștigate prin competiție (director / responsabil)                                                    | 2                                                                                                                                                                                                                                                                                                            | 2               |
| <b>C. Atestarea studiilor (diploma + foi Matricole) și a altor realizări profesionale</b>                                | <b>Diploma de Licență</b> , în domeniul Autovehicule Rutiere Nr. 720 din 25.11.2002 emisă de Universitatea Politehnica din București.                                                                                                                                                                        |                 |
|                                                                                                                          | <b>Diplomă de Studii Aprofundate</b> , Specializarea Economicitatea și Securitatea Autovehiculelor, Nr. 826 din 22.12.2003 emisă de Universitatea Politehnica din București<br>Alte Certificate: <b>Atestat studii psihopedagogice</b> nr 1143 din 7.07.2003 emis de Universitatea Politehnica din București |                 |

Subsemnatul Toma Marius Florin, candidat la concursul pentru ocuparea postului de Conferențiar universitar, poziția 6, Departam. Autovehicule Rutiere, Facultatea de Transporturi, din Domeniul de Studii Autovehicule Rutiere, arondat Comisiei de Specialitate CNATDCU [OMECTS 4106/10.06.2016] Nr. 13, Comisia de Inginerie Aerospațială, Autovehicule și Transporturi, declar pe propria răspundere, cunoscând prevederile art. 292 privind falsul în declarații, din Legea 286/2009 - Codul Penal, ca sunt îndeplinite toate Standardele minime prevăzute de Metodologia UPB 2018 pentru înscrierea la concurs, în momentul înscrierii la concurs, și susțin veridicitatea informațiilor prezentate în dosar și în materialul de mai sus. Lucrările considerate a fi incluse în Baza ISI Thomson Reuters Web of Science sau în alte Baze de Date Internaționale [BDI] sunt vizibile în aceste baze, în dreptul numelui candidatului, la aceasta data.

Candidat,

Toma Marius Florin

Data

7.10.2025

**Fișa de calcul a îndeplinirii standardelor minime,  
conform Comisiei CNATDCU Nr. 13, "Inginerie aerospațială, autovehicule și transporturi"**

**Conf. dr. ing. Toma Marius Florin**

**1. Activitatea didactică și profesională (A1) – Minim: 180, Realizat: 293,26**

| 1.1 | Cărți și capitole în cărți de specialitate |                                                                             |                                                                                                                                                                                                                                                           |    | Nr pag. | Nr. autor | 117   |
|-----|--------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------|-----------|-------|
|     | 1.1.1                                      | Cărți/ capitole, ca autor în edituri naționale sau internaționale (minim 4) |                                                                                                                                                                                                                                                           |    |         |           | 62,12 |
|     |                                            | 1.1.1.1                                                                     | Internaționale: Nr.pag/(2*nr.autori)                                                                                                                                                                                                                      |    |         |           | 0     |
|     |                                            | 1.1.1.2                                                                     | Naționale: Nr.pag/(5*nr.autori)                                                                                                                                                                                                                           |    |         |           | 62,12 |
|     |                                            | 1                                                                           | Anghelache, G., Andreescu, C, <b>Toma, M</b> , Micu, D., Fileru, I., Automotive Diagnosis and Testing (CD Published), Politehnica Press, Bucharest, ISBN: 978-606-515-789-7, 2017                                                                         |    |         |           | 22,26 |
|     |                                            | 1                                                                           | Chapter C3 – Diagnosing the crank mechanism of automotive internal combustion engines, Andreescu, C., <b>Toma, M.</b> , Micu, D., in Automotive Diagnosis and Testing (CD Published), Politehnica Press, Bucharest, 54 pag, ISBN: 978-606-515-789-7, 2017 | 54 | 3       |           | 3.60  |
|     |                                            | 2                                                                           | Chapter C7 – Diagnosing the braking system, Andreescu, C., <b>Toma, M.</b> , in Automotive Diagnosis and Testing (CD Published), Politehnica Press, Bucharest, 29 pag, ISBN: 978-606-515-789-7, 2017                                                      | 29 | 2       |           | 2.90  |
|     |                                            | 3                                                                           | Chapter C8 – Diagnosing the steering system, Andreescu, C., <b>Toma, M.</b> , Micu, D., in Automotive Diagnosis and Testing (CD Published), Politehnica Press, Bucharest, 59 pag, ISBN: 978-606-515-789-7, 2017                                           | 59 | 3       |           | 3.93  |
|     |                                            | 4                                                                           | Chapter C9 – Diagnosing the suspension system, Andreescu, C., <b>Toma, M.</b> , Micu, D., Fileru, I., in Automotive Diagnosis and Testing (CD Published), Politehnica Press, Bucharest, 22 pag, ISBN: 978-606-515-789-7, 2017                             | 22 | 4       |           | 1.10  |
|     |                                            | 5                                                                           | Chapter L2 – Compression test of the combustion chamber , Micu, D., <b>Toma, M.</b> , in Automotive Diagnosis and Testing (CD Published), Politehnica Press, Bucharest, 39 pag, ISBN: 978-606-515-789-7, 2017                                             | 39 | 2       |           | 3.90  |
|     |                                            | 6                                                                           | Chapter L4 – Braking system diagnosis on modern rolling brake test rig, <b>Toma, M.</b> , Micu, D., Iordan, F., in Automotive Diagnosis and Testing (CD Published), Politehnica Press, Bucharest, 35 pag, ISBN: 978-606-515-789-7, 2017                   | 35 | 3       |           | 2.33  |
|     |                                            | 7                                                                           | Chapter L5 – Wheel alignment, <b>Toma, M.</b> , Micu, D., in Automotive Diagnosis and Testing, (CD Published), Politehnica Press, Bucharest, 45 pag, ISBN: 978-606-515-789-7, 2017                                                                        | 45 | 2       |           | 4.50  |

|  |              |                                                     |                                                                                                                                                                                                                                                                                                 |     |   |              |
|--|--------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---|--------------|
|  |              | 2                                                   | Andreescu, C., Frățilă, Ghe., Vladu, C., Moiescu, R., Raicea, C., <b>Toma, M.</b> , Dicționar Explicativ pentru Știință și Tehnologie Transporturi Rutiere, Român, Englez, Francez, German, Vol. I (A-K), Editura AGIR, Seria DEX-ST, ISBN 973-720-072-1/978-973-720-072-3, 168 pag, 2006       | 168 | 6 | 5.60         |
|  |              | 3                                                   | Andreescu, C., Frățilă, Ghe., Vladu, C., Moiescu, R., Stan, C., <b>Toma, M.</b> , Dicționar Explicativ pentru Știință și Tehnologie Transporturi Rutiere, Român, Englez, Francez, German, Vol.II (L-Z), Editura AGIR, Seria DEX-ST, ISBN 973-720-249-9/978-973-720-072-3, 306 pag, 2009         | 306 | 6 | 10.20        |
|  |              | 4                                                   | Andreescu, C., Anghelache, G., <b>Toma, M.</b> , Mentenanța Mijloacelor de Transport, Editura Oamenilor de Știință din Romania, București, ISBN 978-606-8371-52-8, 117 pag, 2011                                                                                                                | 117 | 3 | 7,8          |
|  |              | 5                                                   | Frățilă, Ghe., Andreescu, C., Vladu, C., Moiescu, R., Stan, C., <b>Toma, M.</b> , Rențea, C., Dicționar Explicativ pentru Știință și Tehnologie Autovehicule Rutiere, Român, Englez, Francez, German, Ediția a doua, Editura AGIR, ISBN 978-973-720-812-5, 569 pag, 2020<br>WOS:000409240200001 | 569 | 7 | 16.26        |
|  | <b>1.1.2</b> | <b>Cărți ca editor</b>                              |                                                                                                                                                                                                                                                                                                 |     |   |              |
|  |              | <b>1.1.2.1. Internaționale Nr.pag/(3*nr.autori)</b> |                                                                                                                                                                                                                                                                                                 |     |   | <b>54,89</b> |
|  |              | 1.                                                  | Editors: Mihail Daniel Iozsa, <b>Marius Florin Toma</b> , Gheorghe Fratila, The XXXIIIrd SIAR International Congress of Automotive and Transport Engineering, The Xth ESFA Congress <i>Economicity, Safety and Reliability for Motor Vehicles – ESFA 2023</i> , IOP Publishing, ISSN: 1757-8981 | 494 | 3 | 54,89        |

|     |                                                      |                                                                                                                                                                                                                                            |        |           |       |
|-----|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|-------|
| 1.2 | Materiale didactice / Lucrări didactice<br>(minim 2) |                                                                                                                                                                                                                                            |        |           | 34,24 |
|     | 1.2.1                                                | Manuale didactice /monografii: Nr pag/(10*nr. autori)                                                                                                                                                                                      | Nr pag | Nr. autor | 29,36 |
|     | 1                                                    | Toma, M.F., FILTRE DE AER PENTRU MOTORE CU ARDERE INTERNA, Editura BREN, ISBN 978-606-610-320-6, 2024                                                                                                                                      | 219    | 1         | 21,9  |
|     | 2                                                    | Andreescu, C.N., Toma, M.F., Micu, D.A., DIAGNOSTICAREA AUTOTURISMELOR, Editura BREN, ISBN 978-606-610-303-9, 2023                                                                                                                         | 224    | 3         | 7.46  |
|     | 1.2.2                                                | Îndrumare de laborator/aplicații: Nr. pag/(20*nr. autori)                                                                                                                                                                                  |        |           | 4.88  |
|     | 1                                                    | Toma M., Mentenanța Autovehiculelor Suport pentru Laborator- 55 pag, , în Anghelache, G., Toma, M., Mentenanța Autovehiculelor, Suport pentru Curs și pentru Laborator, Editura Politehnica Press, București, ISBN 978-606-515-920-4, 2020 | 55     | 1         | 2.75  |
|     | 2                                                    | Andreescu, C.N., Toma, M.F., Micu, D.A., DIAGNOSTICAREA AUTOTURISMELOR- Lucrări practice, Editura BREN, ISBN 978-606-610-304-6, 2023                                                                                                       | 128    | 3         | 2.13  |
|     |                                                      |                                                                                                                                                                                                                                            |        |           |       |

|            |                                                    |                                                 |           |
|------------|----------------------------------------------------|-------------------------------------------------|-----------|
| <b>1.3</b> | <b>Organizare si coordonare programe de studii</b> |                                                 | <b>92</b> |
|            | 1.3.2. Responsabil /10*nr.ani desfășurare          | Autovehicule Rutiere (un an)                    | 10        |
|            | Responsabil/10*nr.ani desfășurare                  | Sistemul Integrat Om Autovehicul Mediu (un an ) | 10        |
|            | Membru/3*nr.ani desfășurare                        | Sistemul Integrat Om Autovehicul Mediu (8 ani ) | 24        |
|            | 1.3.3. Membru /3*nr.ani desfășurare                | Autovehicule Rutiere (8 ani )                   | 24        |
|            | Membru/3*nr.ani desfășurare                        | Ingineria sistemelor de propulsie (8 ani )      | 24        |

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|------------|----------------------------------------------------------------------------------------------------------|--|-----------|
| <b>1.4</b> | <b>Conducere proiecte de diplomă și disertație: max. 50 puncte</b>                                       |  | <b>50</b> |
|            | Conducere proiecte de diplomă/licență, disertație anual, din 2005-2024 (peste 120 de studenți îndrumați) |  | 50        |

## 2. Activitatea de cercetare științifică (A2) – Minim: 200, Realizat: 473,79

|            |                                                                                                                                                                                                                                                                                                                                                                                                                          |  |           |                   |               |               |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|-------------------|---------------|---------------|
| <b>2.1</b> | <b>Articole in extenso in reviste cotate ISI, proceedings indexate ISI Thomson Reuters sau SAE</b>                                                                                                                                                                                                                                                                                                                       |  |           |                   |               | <b>234.88</b> |
|            | <b>minim 11 articole sau 60p (25+20*FI)/nr. autori</b>                                                                                                                                                                                                                                                                                                                                                                   |  |           |                   |               |               |
|            |                                                                                                                                                                                                                                                                                                                                                                                                                          |  | <b>FI</b> | <b>Nr. autori</b> | <b>Puncte</b> |               |
| 1          | <b>Toma, M.</b> , Voloaca, S., Fratila, G., The Air Filtering Technologies for Motor Vehicles' Internal Combustion Engines, INGINERIA AUTOMOBILULUI, ISSN 1842-4074 IF. 0.1, WOS:000434559900004                                                                                                                                                                                                                         |  | 0.1       | 3                 | 9             |               |
| 2          | <b>Toma, M.</b> ; The Influence of Air Filter on the Pollutant Emissions of Spark Ignition Engines, INGINERIA AUTOMOBILULUI, ISSN 1842-4074 IF. 0.1, WOS:000434558100008                                                                                                                                                                                                                                                 |  | 0.1       | 1                 | 27            |               |
| 3          | <b>Toma, M.</b> , Micu, D, Andreescu, C et al., Compression Tests Methods on Car Engines, Ingineria Automobilului Issue: 46 Pages: 9-13, 2018, ISSN 1842-4074 IF. 0.1, WOS:000438361400003                                                                                                                                                                                                                               |  | 0.1       | 4                 | 6.25          |               |
| 4          | Voloacă, Ș., Badea-Romero, A., Badea-Romero, F., <b>Toma, M. F.</b> , Motor Vehicle Brake Pad Wear—A Review, Vehicles 2025, 7(2), 52; IF.2.2 (2024), IF.2.3 (2024),Q2, MDPI, <a href="https://doi.org/10.3390/vehicles7020052">https://doi.org/10.3390/vehicles7020052</a> WOS:001516075200001                                                                                                                           |  | 2.2       | 4                 | 17,25         |               |
| 5          | Ancuta, A.A., Reneta., <b>Toma, M.F.</b> , DETERMINING THE DYNAMIC AND ENERGETIC PERFORMANCES OF AN ELECTRIC SUV THROUGH MODELING AND SIMULATION ON A REAL DRIVING CYCLE, INGINERIA AUTOMOBILULUI, ISSN 1842-4074 IF. 0.1, WOS:001379866400004                                                                                                                                                                           |  | 0.1       | 3                 | 9             |               |
| 6          | Voloaca, S., <b>Toma, M.F.</b> Ancuta, A.A, THE OPTIMIZATION OF A COST-EFFECTIVE JOURNEY DATA RECORDER USED IN THE AUTOMOTIVE INDUSTRY , INGINERIA AUTOMOBILULUI, ISSN 1842-4074 IF. 0.1, WOS: 001156834100007                                                                                                                                                                                                           |  | 0.1       | 3                 | 9             |               |
| 7          | Jacotă, V., Negrus, E., <b>Toma, M.</b> , Evaluation and Measurement the Recovered Energy from Automobile Suspension in the Operation Conditions, International Journal Of Automotive Technology; Q3; IF 2023:1,5; IF 5 years- 1,7; Volume: 19 Issue: 6 Pages: 1049-1054, Publisher Korean Soc Automotive Engineers-KSAE, #1301, Seoul 135-919, South Korea, 2018 ISSN: 1229-9138, eISSN: 1976-3832, WOS:000453025300012 |  | 1.5       | 3                 | 18.33         |               |

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|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--------|
| 8  | Cernat, A., Pană, C., Negurescu, N., Lăzăroiu, Ghe., Nuțu, C., Fuioreescu, D., <b>Toma, M.</b> ; Nicolici, A., Combustion of preheated raw animal fats-diesel fuel blends at diesel engine, <i>Journal of Thermal Analysis And Calorimetry</i> , Volume: 140, Issue: 5, Pages: 2369-2375, IF:3 (2023), 3.2 (5 Year), Springer, Van Godewijckstraat 30, 3311 Gz Dordrecht, Netherlands, 2020,ISSN: 1388-6150, eISSN: 1588-2926, WOS:000494796900004                                   | 3 | 8 | 10.625 |
| 9  | <b>Toma, M.</b> , Bobâlca, C., Research on Drivers' Perception on the Maintenance of Air Filters for Internal Combustion Engines, 9th International Conference Interdisciplinarity in Engineering, INTER-ENG 2015, Book Series: Procedia Technology Volume: 22 Pages: 961-968, 2016, WOS:000383949300136                                                                                                                                                                             | 0 | 2 | 12.5   |
| 10 | <b>Toma, M.</b> , Fileru, I., Research on the Air Filters' Maintenance for Diesel Engines, 9TH international Conference Interdisciplinarity in Engineering, INTER-ENG 2015, Book Series: Procedia Technology Volume: 22 Pages: 969-975, 2016, WOS:000383949300137                                                                                                                                                                                                                    | 0 | 2 | 12.5   |
| 11 | <b>Toma, M.</b> , Andreescu, C, Stan, C, Influence of tire inflation pressure on the results of diagnosing brakes and suspension, 11th International Conference Interdisciplinarity In Engineering, INTER-ENG 2017, Book Series: Procedia Manufacturing, Volume: 22, Pages: 121-128, 2018 WOS:000456199200017                                                                                                                                                                        | 0 | 3 | 8.33   |
| 12 | <b>Toma, M.</b> , Andreescu, C., Micu, D, Comparative study on the lateral run-out of friction surfaces measurement of brake discs using a brake roller tester and a dial gauge, MATEC Web of Conferences, Volume 112, pag 253-259, 2017 21st Innovative Manufacturing Engineering & Energy International Conference – IManE&E 2017, DOI: 10.1051/, 07010 (2017) 71120701112 WOS:000579349600125                                                                                     | 0 | 3 | 8.33   |
| 13 | <b>Toma, M.</b> , Micu, D, Andreescu, C., Influences of engine faults on pollutant emission, 12TH International Conference Interdisciplinarity In Engineering (INTER-ENG 2018) Book Series: Procedia Manufacturing Volume: 32 Pages: 529-536, 2019, WOS:000471295800074                                                                                                                                                                                                              | 0 | 3 | 8.33   |
| 14 | <b>Toma, M.</b> , Asimopolos, A., Research on criteria selection for replacing air filters and consequences emphasis, 8th International Conference on Advanced Concepts In Mechanical Engineering, Book Series: IOP Conference, Series- Materials Science and Engineering Volume: 444 Article, Number: 072006, pages 121-128, 2018, WOS:000467443600113                                                                                                                              | 0 | 2 | 12.5   |
| 15 | <b>Toma, M.</b> , Stan, C., Fileru, I., The restriction produced by the air filtration system versus the restriction produced by the air filter, MATEC Web of Conferences 178, 09002 (2018), 22nd International Conference on Innovative Manufacturing Engineering and Energy - IManE&E 2018, pag 969-975, DOI: <a href="https://doi.org/10.1051/mateconf/201817809002">https://doi.org/10.1051/mateconf/201817809002</a> WOS:000570197900129                                        | 0 | 3 | 8.33   |
| 16 | <b>Toma, M.</b> , Asimopolos, A., Considerations on the Usage of the Same Air Filtration System on Different Engine Types, Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018) pag 349-355, Springer Nature Switzerland AG 2019 DOI: <a href="https://doi.org/10.1007/978-3-319-94409-8_39">https://doi.org/10.1007/978-3-319-94409-8_39</a> , WOS:000578264900039                                                                     | 0 | 2 | 12.5   |
| 17 | <b>M. Toma</b> , A. Asimopolos, Șt. Voloacă, and G. Dincă, Cleaning engine air intake filters – consequences on filtering, The International Congress of Automotive and Transport Engineering, The 34th SIAR International Congress - The 18th EAEC Congress, The 13th CONAT Congress organized by Transilvania University, 6-8 November 2024, Brasov, Romania, WOS:001462624600024<br><a href="#">Cleaning Engine Air Intake Filters – Consequences on Filtering   SpringerLink</a> | 0 | 4 | 6.25   |

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|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|------|
| 18 | Stan, C., Andreescu, C., <b>Toma, M.</b> , Some aspects of the regeneration of used motor oil, 11TH International Conference Interdisciplinarity In Engineering, INTER-ENG 2017 Book Series, Procedia Manufacturing Volume: 22 Pages: 709-713, 2018<br>WOS:000456199200100                                                                                                                                                                                                               | 0 | 3 | 8.33 |
| 19 | Micu, D., Fileru, I., <b>Toma, M.</b> , Andreescu, C., Direct measurements using on-board diagnostics: study of the dynamics of a vehicle equipped with a DSG automated transmission, MATEC Web of Conferences 178, 09002 (2018), 22nd International Conference on Innovative Manufacturing Engineering and Energy - IManE&E 2018, pag 709-715, DOI:<br><a href="https://doi.org/10.1051/mateconf/201817806019">https://doi.org/10.1051/mateconf/201817806019</a><br>WOS:000570197900096 | 0 | 4 | 6.25 |
| 20 | Stan, C., <b>Toma, M.</b> , Andreescu, C., Iozsa, D., Comparative Study on the Regeneration of Used Motor Oil, Proceedings of the 4th International Congress of Automotive and Transport Engineering (AMMA 2018) pag 377-382, Springer Nature Switzerland AG, 2019,<br><a href="https://doi.org/10.1007/978-3-319-94409-8_43">https://doi.org/10.1007/978-3-319-94409-8_43</a> , WOS:000578264900043                                                                                     | 0 | 4 | 6.25 |
| 21 | Minzatu, C., Nişulescu, V., Toma, M., Bamca, Renţea, C., Research Regarding of the Autonomy of the Electric Vehicles in WLTC Test Cycle, Proceedings of the International Conference on Mechanical Engineering (ICOME 2022), Publisher Atlantis Press Part of Springer Nature, 10.2991/978-94-6463-152-4_29, 125987677 (1).pdf, 2024, WOS:001530989600026                                                                                                                                | 0 | 5 | 5    |
| 22 | Voloaca, S.; Toma, MF., The Study of a Cost-Effective Developed System for the Comfort Testing of the Motor-Vehicle Driver and the Passengers, 2022,<br>WOS:001545221700041                                                                                                                                                                                                                                                                                                              | 0 | 2 | 12.5 |

| 2.3. | Articole publicate în reviste naţionale şi volumele unor manifestări ştiinţifice indexate în BDI recunoscute de comisia CNATDCU ( 20/nr.autori)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  | Nr. autori | 130 |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|-----|
| 1    | <b>Toma, M.</b> , Study of the Air Filters' Maintenance for Automotive Internal Combustion Engines, U.P.B. Scientific Buletin, Series D, Vol. 76, Iss. 2, 2014, Pages: 101-110, ISSN 1454-2358 (Scopus Indexed)<br><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84901491067&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=e2dedc8702ca1636c6e75e732cec5b45&amp;sot=b&amp;sdt=b&amp;sl=95&amp;s=TITLE-ABS-KEY%28Study+of+the+Air+Filters%e2%80%99+Maintenance+for+Automotive+Internal+Combustion+Engines%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84901491067&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=e2dedc8702ca1636c6e75e732cec5b45&amp;sot=b&amp;sdt=b&amp;sl=95&amp;s=TITLE-ABS-KEY%28Study+of+the+Air+Filters%e2%80%99+Maintenance+for+Automotive+Internal+Combustion+Engines%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=</a> |  | 1          | 20  |
| 2    | <b>Toma, M.</b> , Engine Air Intake Filters - consequences of premature replacement, International Journal of Mechanics, Publisher North Atlantic University Union, Pages 83-89, ISSN 1998-4448, (Scopus Indexed)<br><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84926455053&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=20cb2b2e8c2e8886c00364e2d1bb8338&amp;sot=b&amp;sdt=b&amp;sl=80&amp;s=TITLE-ABS-KEY%28Engine+Air+Intake+Filters+-+consequences+of+premature+replacement%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84926455053&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;sid=20cb2b2e8c2e8886c00364e2d1bb8338&amp;sot=b&amp;sdt=b&amp;sl=80&amp;s=TITLE-ABS-KEY%28Engine+Air+Intake+Filters+-+consequences+of+premature+replacement%29&amp;relpos=0&amp;citeCnt=0&amp;searchTerm=</a>                                             |  | 1          | 20  |
| 3    | <b>Toma, M.</b> , Investigating maintenance procedures for engine air filters, Proceedings of the European Automotive Congress EAEC-ESFA 2015, Publisher: Springer, Cham Pages 375-384 , Print ISBN 978-3-319-27275-7, Online ISBN 978-3-319-27276-4 (Springerlink Indexed)<br><a href="https://link.springer.com/chapter/10.1007/978-3-319-27276-4_35">https://link.springer.com/chapter/10.1007/978-3-319-27276-4_35</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | 1          | 20  |
| 4    | <b>Toma, M.</b> , Fileru, I., Automotive Engine Air Filters Testing on a Specialized Rig Using Controlled Dust Loading, The 19th Innovative Manufacturing Engineering 2015 (IManE 2015), May 21-22, Iasi, Romania, Applied Mechanics and Materials, (Index Copernicus indexed), Volume 809-810 (2015) Pages 1181-1186;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 2          | 10  |

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|    | <a href="https://journals.indexcopernicus.com/search/details?id=16723">https://journals.indexcopernicus.com/search/details?id=16723</a><br>DOI: <a href="https://doi.org/10.4028/www.scientific.net/AMM.809-810.1181">https://doi.org/10.4028/www.scientific.net/AMM.809-810.1181</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |      |
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| 6  | Bălean, R., Negruș, E., Jiga, G., <b>Toma, M.</b> , Numerical Analysis Of The Brake Disk Using The Finite Element Method, 10th EAEC European Automotive Congress (EAEC 2005), 30 May - 1 June 2005, Belgrade, Serbia, pg. 237-243, ISBN 978-1-60423-3-604-0;<br>Publ: European Automobile Engineers Cooperation ( EAEC ), ( Scopus indexed)<br><a href="https://www.scopus.com/record/display.uri?eid=2-s2.0-84873595752&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=6dc853e096e2675ad7349c25853ace54&amp;sot=b&amp;sdt=b&amp;sl=83&amp;s=TITLE-ABS-KEY%28Numerical+Analysis+Of+The+Brake+Disk+Using+The+Finite+Element+Method%29&amp;relpos=56&amp;citeCnt=0&amp;searchTerm=">https://www.scopus.com/record/display.uri?eid=2-s2.0-84873595752&amp;origin=resultslist&amp;sort=plf-f&amp;src=s&amp;nlo=&amp;nlr=&amp;nls=&amp;sid=6dc853e096e2675ad7349c25853ace54&amp;sot=b&amp;sdt=b&amp;sl=83&amp;s=TITLE-ABS-KEY%28Numerical+Analysis+Of+The+Brake+Disk+Using+The+Finite+Element+Method%29&amp;relpos=56&amp;citeCnt=0&amp;searchTerm=</a> | 4 | 5    |
| 7  | Nișulescu, V., Ivan F., <b>Toma, M.F.</b> , Bancă, G., Rențea, C., Experimental research regarding the autonomy of electric cars in real driving conditions, IOP Conference Series: Materials Science and Engineering, Volume 1303, Publisher: IOP Publishing, doi:10.1088/1757-899X/1303/1/012001, pdf (iop.org).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 5 | 4    |
| 8  | Minzatu, C., Nișulescu, V., <b>Toma, M.F.</b> , Rențea, C., Bancă, Gh., Research concerning the autonomy of the electric vehicles, simulated and measured, in the case of driving at the low and the medium speed, specific to the WLTC test. , IOP Conference Series: Materials Science and Engineering, Volume 1303, Publisher: IOP Publishing, doi:10.1088/1757-899X/1303/1/012003, pdf (iop.org)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5 | 4    |
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| 10 | Badea, G., <b>Toma, M.</b> , Micu, D. A., Frățilă, Ghe., Saragea, Ș., <a href="#">Modelling and simulation automatic braking systems for vehicles</a> , Publisher: IOP Publishing, doi:10.1088/1757-899X/1235/1/012033, <a href="#">Open Access proceedings Journal of Physics: Conference series (iop.org)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5 | 4    |
| 11 | Saragea, Ș., <b>Toma, M.</b> , Micu, D. A., Frățilă, Ghe., Badea, G., <a href="#">Software strategy for internal combustion engine and electric motor control on a hybrid electric vehicle equipped with belt starter generator and automated manual transmission</a> , Publisher: IOP Publishing, doi:10.1088/1757-899X/1235/1/012035, <a href="#">Open Access proceedings Journal of Physics: Conference series (iop.org)</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5 | 4    |
| 12 | <b>Toma, M.</b> , Voloacă, Ș., Andreescu, C., Petrescu Al., A Global Estimation of the Automobile Impact on the Environment, Proceedings of 8th International Conference „Fuel Economy, Security and Reliability of Automobiles”, ESFA 2009, E09A109, vol.1, pg. 89-102, 2009;<br><a href="https://go.fisita.com/store/papers/ESFA09/E09A109">https://go.fisita.com/store/papers/ESFA09/E09A109</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4 | 5    |
| 13 | Anghelache, G., Moisescu, R., <b>Toma, M.</b> , On-Board System For Measurement Of Vehicle Dynamic Behaviour, Conferinta internationala Proceedings of 8th International Conference „Fuel Economy, Security and Reliability of Automobiles” – ESFA 2009, E09F111, vol. 2, pg. 403-412<br><a href="https://go.fisita.com/store/papers/ESFA09/E09F111">https://go.fisita.com/store/papers/ESFA09/E09F111</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3 | 6.67 |
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| 15 | Voloacă, Ș., <b>Toma M.</b> , The Evidence Of Necessity Of Replacing Brake Fluid Due To High Temperature Expose And Water Increased Level, Proceedings of 8th International Conference „Fuel Economy, Security and Reliability of Automobiles” – ESFA 2009, E09F210, vol. 2, pg 323-330; | 2 | 10 |
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| 2.4. | <b>Articole publicate în reviste naționale și volumele unor manifestări științifice naționale și internaționale, neindexate (5/nr de autori)</b>                                                                                                                                                                                                                                                                                                  |  | <b>Nr autori</b> | <b>12,92</b> |
| 1    | <b>Toma, M.</b> , Anghelache, G., Moisescu, R., Replacement Period Evaluation of Petrol Engines Air Filters Based on Restriction Measurement Advances in Automatic Control, ACMOS 2014, ISBN: 978-960-474-383-4, Pg. 71-76<br><a href="http://www.wseas.us/e-library/conferences/2014/Brasov/ACMOS/ACMOS-10.pdf">http://www.wseas.us/e-library/conferences/2014/Brasov/ACMOS/ACMOS-10.pdf</a>                                                     |  | 3                | 1.67         |
| 2    | <b>Toma, M.</b> , Automotive Engine Air Cleaners–Maintenance Investigations, International Conference on Computational and Experimental Mechanics (CEM '14), Florence, Italy, November 22-24, 2014, pg.153-159<br>ISBN: 978-960-474-403-9<br><a href="http://www.wseas.us/e-library/conferences/2014/Florence/SEMOTEC/SEMOTEC-19.pdf">http://www.wseas.us/e-library/conferences/2014/Florence/SEMOTEC/SEMOTEC-19.pdf</a>                          |  | 1                | 5.00         |
| 3    | Voloacă Ș., <b>Toma M.</b> , Researches on the Thermal Stress Influences over the Brakes Performances, ID. 71501-187 WSEAS - Automatic Control, Modelling & Simulation (ACMOS '14) Conference, Brasov, Romania, June 26-28, 2014<br><a href="http://www.wseas.us/e-library/conferences/2014/Brasov/ACMOS/ACMOS-37.pdf">http://www.wseas.us/e-library/conferences/2014/Brasov/ACMOS/ACMOS-37.pdf</a>                                               |  | 2                | 2.50         |
| 4    | Andreescu, C., <b>Toma M.</b> , Definirea nivelului de fiabilitate a sistemului de frânare al autovehiculelor pe baza parametrilor de diagnosticare măsurati, Proceedings, Produse Și Tehnologii Pentru Dezvoltare Durabilă. Ediția a VIII-a a Conferinței Anuale Zilele Academice ale Academiei de Științe Tehnice din România, Brașov, 4 - 5 octombrie 2013, Editura AGIR, pg. 81-87, ISSN 2066-6586                                            |  | 2                | 2.50         |
| 5    | Moisescu, R., <b>Toma, M.</b> , Andreescu, C., Oprean M., Possibilities Of Continuous Monitoring Of The Road Traffic Connected To The Emergency Line 112, The 9th International Congress on Automotive “CAR 2005”, Book of Abstracts, 2-4 November, Pitesti, Romania, CAR20051094, pg. 185, ISBN 973-690-450-4<br><a href="https://automotive.upit.ro/index_files/2005/2005_15_.pdf">https://automotive.upit.ro/index_files/2005/2005_15_.pdf</a> |  | 4                | 1.25         |

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|------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|----|
| 2.5. | Granturi/proiecte câștigate prin competiție/de cercetare/consultanță pentru mediul economic |                                                                                                                                                                                                         |                        |                                                                                                                                                                                                                                                                                                 | 96      |         |    |
|      | 2.5.1                                                                                       | Director/ responsabil                                                                                                                                                                                   |                        |                                                                                                                                                                                                                                                                                                 | Nr. ani | 30      |    |
|      |                                                                                             | 2.5.1.1                                                                                                                                                                                                 | Internaționale: 20*ani |                                                                                                                                                                                                                                                                                                 |         | 0       |    |
|      |                                                                                             | 2.5.1.2                                                                                                                                                                                                 | Naționale: 10*ani      |                                                                                                                                                                                                                                                                                                 |         | 30      |    |
|      | 1                                                                                           | Proiect GEEX-UPB, nr contract 67/25.09.2017 cod TR 27-17-06, Cercetări asupra filtrelor de aer - director Șl. dr. ing. Toma Marius Florin                                                               |                        |                                                                                                                                                                                                                                                                                                 | 1       | 10      |    |
|      | 2                                                                                           | Proiect GNAC ARU, Nr. 118/04.12.2023, Cercetări asupra sistemului de filtrare a aerului în motoarele termice destinate automobilelor cu propulsie hibridă, - director Conf. dr. ing. Toma Marius Florin |                        |                                                                                                                                                                                                                                                                                                 | 2       | 20      |    |
|      | 2.5.2                                                                                       | Membru în echipă – confirmare prin documente oficiale                                                                                                                                                   |                        |                                                                                                                                                                                                                                                                                                 |         | 66      |    |
|      |                                                                                             | 2.5.2.1                                                                                                                                                                                                 | Internaționale: 4*ani  |                                                                                                                                                                                                                                                                                                 |         | 8       |    |
|      |                                                                                             |                                                                                                                                                                                                         | 1                      | Scientific research contract “HIGHVEC: Curriculum development: Highway/Road Construction, Engineering and Vehicle Engineering”, 544061-TEMPUS-1-2013-1-UK-TEMPUS-JPCR, European Commission 6th Call Tempus IV, 2013-2017 - Director de proiect din partea UPB – Prof.dr.ing. Anghelache Gabriel | 2       | 8       |    |
|      |                                                                                             | 2.5.2.2                                                                                                                                                                                                 | Naționale: 2*ani       |                                                                                                                                                                                                                                                                                                 |         | Nr. ani | 58 |



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|--|--|--|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|
|  |  |  | <b>1</b>  | Scientific research contract "Multidisciplinary Research on Design and Manufacturing of Upper Structures of Urban Transport Vehicles Using Advanced Technologies, According to European Directives on Environment and Resources Protection – „STRALBUS”, nr. 131/2006, partner UPB, National Research Program CEEX, Responsabil de proiect din partea UPB - Prof.dr.ing. Andreescu Cristian | 2 | 4 |
|  |  |  | <b>2</b>  | Contract „Cercetare privind sistemul inteligent de monitorizare si dirijare a traficului cu ajutorul platformelor aeriene robotizate "SIMPAN", Nr. 71-082 / 14.09.2007, 2007-2010, Responsabil de proiect din partea UPB – Sl.dr.ing. Voloacă Ștefan                                                                                                                                        | 3 | 6 |
|  |  |  | <b>3</b>  | Scientific research contract "Informational System for Road Traffic Monitoring with the Purpose of Accident Prevention and Reduction of Intervention Time", nr. 126/16.08.2004, National Research Program INFOSOC, Theme 48B/2004, PED Project., Responsabil de proiect din partea UPB - Prof.dr.ing. Oprean Mircea Ioan                                                                    | 2 | 4 |
|  |  |  | <b>4</b>  | Contract nr. 1636/2002 – Demonstrator tehnologic pentru prototip direct operational al transportorului amfibiu blindat Zimbrul, RELANSIN, Prof.dr.ing. Andreescu Cristian                                                                                                                                                                                                                   | 2 | 4 |
|  |  |  | <b>5</b>  | Contract de cercetare științifică „Cercetarea si dezvoltarea unor echipamente si sisteme mecatronice pentru recuperarea energiei de frânare la autovehicule grele, în scopul eficientizării energetice si reducerii poluării mediului – AUTOENERG” (CEEX AMTRANS X1C06 / 03.10.2005), 2005 – 2008, Director de proiect din partea UPB – Prof.dr.ing. Anghelache Gabriel                     | 3 | 6 |
|  |  |  | <b>6</b>  | Contract nr. 71-089/2007 proiect prin programul parteneriate in domeniile prioritare cercetări în domeniul investigației și reconstrucției accidentelor rutiere, Director de proiect din partea UPB Conf. dr.ing Petrescu Alexandru                                                                                                                                                         | 2 | 4 |
|  |  |  | <b>7</b>  | Contract de cercetare științifică CEEX –X2C24/11.09.2006, „Sistemul electric de propulsie al unui vehicul cu roti motoare independente”, Director de proiect din partea UPB Prof.dr.ing. Danciu Grigore                                                                                                                                                                                     | 2 | 4 |
|  |  |  | <b>8</b>  | Contract numărul 22104/2008, „Sistem ecologic de transport individual cu vehicule electrice ușoare, adecvat dezvoltării durabile a campusului universității Politehnica București”, dezvoltat în cadrul programului Parteneriate în Domeniile Prioritare, Director de proiect din partea UPB Prof.dr.ing. Danciu Grigore                                                                    | 3 | 6 |
|  |  |  | <b>9</b>  | Contract Nr. 21 din 21.03.2014, Realizarea prototipului pentru sistemul de încălzire suplimentară, Director de proiect din partea UPB Prof.dr.ing. Vasiliu Nicolae                                                                                                                                                                                                                          | 1 | 2 |
|  |  |  | <b>10</b> | Contract de cercetare științifică „Sistem informatizat de încercare a casetelor de direcție ale autovehiculelor în scopul creșterii siguranței participanților la trafic – SITECH”, Contract nr. 91 BG / 2016 - 2018 Cod depunere: PN-III-P2-2.1-BG-2016-0111, Director de proiect din partea UPB Prof.dr.ing. Anghelache Gabriel                                                           | 1 | 2 |
|  |  |  | <b>11</b> | Contract „Determinări Directe prin OBD”, „Excellence Research Grants” Program, UPB – GEX 2017, Ctr. No. 133 /2017, 2017-2018;” Director de proiect din partea UPB – Sl. Dr. Ing. Micu Dan                                                                                                                                                                                                   | 1 | 2 |

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|  |  |  |           |                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |   |
|  |  |  | <b>12</b> | Proiect PCCE SMIS 50069, perioada 01.03.2014-31.12.2016, funcția de cercetător științific (conform Adeverința UPB nr 473/19.05.2021 )                                                                                                                                                                                                                                                                                                         | 3 | 6 |
|  |  |  | <b>13</b> | Schema de Granturi Competitive pentru Universități, derulat in cadrul programului „Proiectul privind Învățământul Secundar (ROSE)”, Beneficiar: Universitatea POLITEHNICA din București, Titlul subproiectului:” Strategii pentru îmbunătățirea performanțelor academice ale studenților de la Facultatea Transporturi”, Acord de grant nr. AG358/SKU/SS/III din 10.09.2020, Director de proiect din partea UPB - Sl. Dr. Ing. Oprea Cristina | 2 | 4 |
|  |  |  | <b>14</b> | Proiect GNAC ARUT, Nr. 76/11.10.2023, Cercetări privind comportamentul și așteptările viitoare ale utilizatorilor de autovehicule prin dezvoltarea de cutii negre modulare economice (Economical Black Box) - director Ș.I. dr. ing. VOLOACĂ Ștefan                                                                                                                                                                                           | 2 | 4 |

**A3. Recunoașterea performanțelor profesionale și impactul activității (A3) – Minim: 100, Realizat: 582,07**

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| <b>3.1</b> | <b>Citări în reviste ISI și BDI (fără autocitări)</b> |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                        |  |                  | <b>442,07</b> |
|            |                                                       |                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                        |  |                  |               |
|            | <b>3.1.1</b>                                          | <b>Reviste ISI cu factor de impact : 20/nr. autori, minim 40 p</b>                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                        |  | <b>Nr autori</b> | <b>369,17</b> |
|            | <b>1</b>                                              | <b>Lucrare citată:</b><br><b>Toma, M.,</b> Fileru, I., Research on the Air Filters' Maintenance for Diesel Engines, 9TH international Conference Interdisciplinarity in Engineering, INTER-ENG 2015 Book Series: Procedia Technology Volume: 22 Pages: 969-975, 2016, WOS:000383949300137 |                                                                                                                                                                                                                                                                                                                        |  | 2                | <b>60</b>     |
|            |                                                       | 1                                                                                                                                                                                                                                                                                         | Synak, F; Kalasova, A; Synak, Air Filter and Selected Vehicle Characteristics, J , SUSTAINABILITY, Volume: 12, Issue: 22, Article Number: 9326, DOI: 10.3390/su12229326, Published: NOV 2020, IF (2024) 3.3, 3.6 (5 year),Q2, WOS:000595197000001                                                                      |  |                  | 10            |
|            |                                                       | 2                                                                                                                                                                                                                                                                                         | Woranuch, Sarekha; Pangon, Autchara; Puagsuntia, Kantapat; Subjalearndee, Nakarin; Intasanta, Varol , Starch-based and multi-purpose nanofibrous membrane for high efficiency nanofiltration, RSC ADVANCES, , IF(2024): 4.6, IF (5Years) 4.3, Categoria Q2 DOI: 10.1039/c7ra07484k, WOS:000405811400051                |  |                  | 10            |
|            |                                                       | 3                                                                                                                                                                                                                                                                                         | Maduna, Lebo; Patnaik, Asis, Textiles in air filtration, TEXTILE PROGRES, IF. 3.1 (2024); IF. 5.3 (Five year), Volume 49 Issue 4 Page 173-247, Categoria Q1, WOS:000433970600002 Volume 49 Issue 4 Page 173-247                                                                                                        |  |                  | 10            |
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|   | 3.1.2 | Reviste ISI fără factor de impact: 15/nr de autori |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | 31.25 |
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| 3.1.3                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Reviste/Manifestări științifice indexate BDI: 10/nr autori</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>41,65</b> |
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|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>3.6.</b>   | <b>Referent în comisii de doctorat/abilitare; Membru în echipe de îndrumare doctorat</b>                                                                                         | <b>130</b> |
| <b>3.6.1</b>  | <b>Internaționale</b>                                                                                                                                                            | <b>0</b>   |
| <b>3.6.2.</b> | <b>Naționale</b>                                                                                                                                                                 | <b>130</b> |
| 1             | Referent teza de doctorat <i>Diagnosticarea motorului cu benzina</i> elaborată de domnul ing. Singureanu Marius si condusa de gl. bg. (r.) prof. univ. emerit dr. ing. Copae Ion | 5          |
| 2             | Membru în echipa de îndrumare a doctorandului Jacotă Veronel, Conducător prof.dr.ing. Negruș Eugen                                                                               | 5          |
| 3             | Membru în echipa de îndrumare a doctorandului Antonescu Daniela, Conducător prof.dr.ing. Frățilă Gheorghe                                                                        | 5          |
| 4             | Membru în echipa de îndrumare a doctorandului Banca Gheorghe, Conducător prof.dr.ing. Frățilă Gheorghe                                                                           | 5          |
| 5             | Membru în echipa de îndrumare a doctorandului Nișulescu Ion Valentin, Conducător prof.dr.ing. Frățilă Gheorghe                                                                   | 5          |
| 6             | Membru în echipa de îndrumare a doctorandului Andrei Cosmin, Conducător prof.dr.ing. Frățilă Gheorghe                                                                            | 5          |
| 7             | Membru în echipa de îndrumare a doctorandului Liliana (Andrei) Capră, Conducător prof.dr.ing. Frățilă Gheorghe                                                                   | 5          |
| 8             | Membru în echipa de îndrumare a doctorandului David Gh. Victor-Costin, Conducător prof.dr.ing. Frățilă Gheorghe                                                                  | 5          |
| 9             | Membru în echipa de îndrumare a doctorandului Laurențiu Ilea, Conducător prof.dr.ing. Frățilă Gheorghe                                                                           | 5          |
| 10            | Membru în echipa de îndrumare a doctorandului Alexandra Ioniță, Conducător prof.dr.ing. Frățilă Gheorghe                                                                         | 5          |
| 11            | Membru în echipa de îndrumare a doctorandului Palcuie N. Alin-Alexandru, Conducător prof.dr.ing. Frățilă Gheorghe                                                                | 5          |
| 12            | Membru în echipa de îndrumare a doctorandului Ancuta Alexandru-Adrian, Conducător prof.dr.ing. Frățilă Gheorghe                                                                  | 5          |
| 13            | Membru în echipa de îndrumare a doctorandului Vieru Emanuel-Mihai, Conducător prof.dr.ing. Frățilă Gheorghe                                                                      | 5          |
| 14            | Membru în echipa de îndrumare a doctorandului Stan Georgiana Teodora (Stanculescu), Conducător prof.dr.ing. Frățilă Gheorghe                                                     | 5          |
| 15            | Membru în echipa de îndrumare a doctorandului Dumitru Ioan-Corneliu, Conducător prof.dr.ing. Frățilă Gheorghe                                                                    | 5          |
| 16            | Membru în echipa de îndrumare a doctorandului Secu Daniel-Viorel, Conducător prof.dr.ing. Frățilă Gheorghe                                                                       | 5          |
| 17            | Membru în echipa de îndrumare a doctorandului Mosoreanu D.D. Alexandru, Conducător prof.dr.ing. Frățilă Gheorghe                                                                 | 5          |
| 18            | Membru în echipa de îndrumare a doctorandului Necula Stefan Alexandru, Conducător prof.dr.ing. Frățilă Gheorghe                                                                  | 5          |
| 19            | Membru în echipa de îndrumare a doctorandului Constantin M. Razvan Cornel, Conducător prof.dr.ing. Frățilă Gheorghe                                                              | 5          |
| 20            | Membru în echipa de îndrumare a doctorandului Iliescu I.A. Ionel Adrian, Conducător prof.dr.ing. Frățilă Gheorghe                                                                | 5          |
| 21            | Membru în echipa de îndrumare a doctorandului Coman F. Alexandru, Conducător prof.dr.ing. Frățilă Gheorghe                                                                       | 5          |
| 22            | Membru în echipa de îndrumare a doctorandului Mihai I. Gheorghe, Conducător prof.dr.ing. Frățilă Gheorghe                                                                        | 5          |

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| 23 | Membru în echipa de îndrumare a doctorandului Visan I. Florin, Conducător prof.dr.ing. Frăţilă Gheorghe          | 5 |
| 24 | Membru în echipa de îndrumare a doctorandului Fileru G. Iordan-Florin, Conducător prof.dr.ing. Frăţilă Gheorghe  | 5 |
| 25 | Membru în echipa de îndrumare a doctorandului Badea I. Gabriel, Conducător prof.dr.ing. Frăţilă Gheorghe         | 5 |
| 26 | Membru în echipa de îndrumare a doctorandului Foamete I. Robert-Adrian, Conducător prof.dr.ing. Frăţilă Gheorghe | 5 |

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| <b>3.7</b> | <b>Premii / distincţii</b>                                                                                                                                                                                                                                                                                              | <b>5</b> |
|            | <b>3.7.4 Premii naţionale în domeniu</b>                                                                                                                                                                                                                                                                                | <b>5</b> |
|            | Award - Section L: Product Quality and Design – Some Aspects Concerning the Period of - Automotive Air Filters Replacement on the Basis of their Technical Conditions, authors: M. Toma, C. Andreescu, N. Negurescu; presented at Innovative Manufacturing Engineering Conference IManE, May 20-22, 2015, Iaşi, Romania | 5        |

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| <b>3.8</b> | <b>Membru în academii, organizaţii, asociaţii profesionale de prestigiu, naţionale şi internaţionale, apartenenţă la organizaţii din domeniul educaţiei şi cercetării</b> | <b>5</b> |
|            | <b>3.8.4 Membru în asociaţii profesionale naţionale: 5</b>                                                                                                                | <b>5</b> |
|            | Societatea Inginerilor de Automobile din Romania, codul de identificare SIAR B61210512016                                                                                 | 5        |

7.10.2025

Conf. dr. ing. Marius Florin Toma