

## Lista a maximum 10 publicații, brevete sau alte lucrări, considerate a fi cele mai relevante

1. Taus N., Țârulescu S., Idomir M., Taus R., Respiratory exposure to air pollutants, Journal of Environmental Protection and Ecology 9, No 1, 15-25 (2008), ISSN 1311-5065, ISI indexed Factor de Impact 2008 = 0.102, SCOPUS indexed SJR 0.035, SNIP 0.051, WOS:000255086100002, <https://www.webofscience.com/wos/woscc/full-record/WOS:000255086100002>, Journal Citation Indicator™ (2021) = 0,12
2. Țârulescu S., Tarulescu R., Soica A., Mathematical model of pollution compounds calculus in function of traffic capacity from urban areas, Proceedings of the 1st WSEAS International Conference on Multivariate Analysis and its Application in Science and Engineering (MAASE 08), Istanbul, Turcia, 27-30 mai 2008, ISSN: 1790-5117, ISBN: 978-960-6766-65-7, ISI Thomson Reuters. <https://www.webofscience.com/wos/woscc/full-record/WOS:000257948800018>
3. Țârulescu, S., Țârulescu, R., Leahu, Cl. (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](https://doi.org/10.1007/978-3-030-32564-0_29), WOS:000528526600029, <https://www.webofscience.com/wos/woscc/full-record/WOS:000528526600029>
4. 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>
5. 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>
6. Țârulescu S., Țârulescu R., 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 ISI 2017, WOS:000390821400049, <https://www.webofscience.com/wos/woscc/full-record/WOS:000390821400049>
7. Țârulescu R., Țârulescu S., 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>
8. Leahu, Cl., 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)

9. Şoica A., Țârulescu S., "Impact phase in frontal vehicle-pedestrian collisions ", International Journal Of Automotive Technology, 2016, Volume: 17 Issue: 3 Pages: 387-397 DOI: 10.1007/s12239-016-0040-y 2016, ISSN: 1229-9138, WOS:000375449200004, <https://www.webofscience.com/wos/woscc/full-record/WOS:000375449200004>, 0.36 - Journal Citation Indicator™ (2022)
10. 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](https://doi.org/10.1007/978-3-319-94409-8_62), WOS:000578264900062, <https://www.webofscience.com/wos/woscc/full-record/WOS:000578264900062>

**Braşov, 20.06.2024**

**Conf.dr.ing. Stelian ȚÂRULESCU**

