



UNIVERSITATEA TEHNICĂ

DIN CLUJ-NAPOCA

FACULTATEA DE MECANICĂ**DEPARTAMENTUL AUTOVEHICULE RUTIERE ȘI TRANSPORTURI**

LISTA LUCRĂRILOR ȘTIINȚIFICE PUBLICATE

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1. **BURNETE, N., CORDOȘ, N., FILIP, N., KARAMUSANTAS, D.**, About secondary movement of the piston of a compression ignition engine, In vol. SYMPOSIUM NEW TRENDS IN THE DEVELOPMENT OF AGRICULTURE ENGINEERING, Ljubliana - Slovenia, 14-15 June, 2001, pag. 161-166, 6 fig., 6 ref. biblio.
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3. **BURNETE, N., CORDOȘ, N. N., ABRAHAM, B., VARGA, B.**, Study regarding the use of burned oil from food industry as fuel for the Diesel engines, The 30th Internationally attended scientific conference of the Military Technical Academy, Bucharest, 2003, pag. 94-97, 3 fig., 2 ref. biblio., ISBN 973-640-012-3.
4. **BURNETE, N., ș.a.** Evaluation of the performance and fuel consumption parameters of the D-118 engine that uses as fuel used oil from food industry, In vol.: CONAT 2004 - The 10th International Congress, Brașov, Romania, 20-22 october, 2004, 4 pag., 5 fig, 7 ref. biblio., Paper Code: 20042104, ISBN 973-635-394-X.
5. **BURNETE, N., ș.a.**, Biofuels-Diesel fuel mixtures - alternative fuels for running buses from big cities, CAR 2005 - The 9th International Congress on Automotive, Pitești, Romania, 2-4 november, 2005, 6 pag., 7 fig, 9 ref. biblio., Paper Code: 20051077, ISBN 973-690-450-4.
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8. **BURNETE, N., FILIP, N.** The Biofuel, a Challenge for Farmers and Engineers. EE&EA International Scientific Conference, Rousse, Bulgaria, 2006, pag. 192 - 197, ISSN 1311 – 9974.
9. **FILIP N. BURNETE, N., Bompa, S.** Road Traffic Noise Prediction, The 1st International Conference - Motor Vehicle and Transportation, MVT20064007., 6 pag. 6, 6 fig, 4 ref. biblio. , ISBN 973-638-284-2.



10. **BURNETE, N., NAGHIU, A., VARGA, B.**, Are the fuels of vegetable origin efficient in any functioning condition of automotive diesel engines ?, În vol.: IV, ACTA TECHNICA NAPOCENSIS, Series: Applied Mathematics and Mechanics, Nr. 50/2007, International Congress AUTOMOBILE, ENVIRONMENT AND FARM MACHINERY, AMMA 2007, Cluj-Napoca, 11-13 octombrie 2007, pag. 363-374, 11 fig., 12 ref. biblio., ISSN 1221-5872.
11. **MARIAȘIU, F., BURNETE, N.**, The study concerning the biofuels and the elastomer sealing elements of the oil filter compatibility, 36th International Symposium on Engineering ACTUAL TASKS ON AGRICULTURAL ENGINEERING, Opatija, Slovenia, 11-15 February, 2008, pag. 545-552, 8 fig, 6 ref. biblio., UDC 620.91, ISSN 1333-2651.
12. **BURNETE, N., VARGA, B., MOLDOVANU, D., BORZA, E., BĂLDEAN, D.**, Process Investigation possibilities of an internal combustion engine, The 8th International Conference FUEL ECONOMY, SAFETY and RELIABILITY of MOTOR VEHICLES, ESFA, Bucharest, 2009, E09F205, pag. 283-290, 7 fig., 14 ref. biblio., ISSN-2067-1083.
13. **BURNETE, N., VARGA, B., BĂLDEAN, D., BOLBA, P.**, Biofuels - alternative energy source in Romania, In vol.III: CONAT 2010 - The 11th International Congress on Automotive and Transport Engineering, Brașov, Romania, 27-29 october, 2010, pag. 343-356, 19 fig, 11 ref. biblio., Paper Code: 20102064, ISSN 2069-0401.
14. **MARIAȘIU, F., BURNETE, N.**, The Influence of External Energy Conditioning on Biofuels Physical Properties, Al 38-lea Simpozion Internațional "Actual task on agricultural engineering", 22-26 feb., 2010, Opatija, Croatia, pag. 383-390, 6 fig, 11 ref. biblio., ISSN 1333-2651 (ISI Proceedings, CABI Agricultural Engineering Abstracts, InterDok and Cambridge Scientific Abstracts - Conference Papers Index).
15. **VARGA, B., O., BURNETE, N., KARAMOUSANTAS, D., ș.a.**, Automatic gearbox testbed designed for optimization testing and development, The 10th International Automotive Congress, CAR, 2011, 8 pag., 8 fig, 2 ref. biblio., Paper Code: CAR2011_1297, ISSN 1453-1100.
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21. **BURNETE N.**, MOLDOVANU D., BALDEANU D., KOCSIS L., Studies regarding the influence of exhaust backpressure on the performances of a compression ignited engine, European Automotive Congress EAEC-ESFA 2015, Springer, pag. 141-150, 10 fig., 9. ref. biblio., ISBN 978-3-319-27276-4.

Cluj-Napoca, decembrie, 2015