

LISTA COMPLETĂ DE LUCRĂRI ȘTIINȚIFICE

Șef lucrări dr.ing. Dana - Adriana ILUȚIU - VARVARA

78 de lucrări științifice, din care:

- 20 articole în reviste cotate ISI Thomson Reuters și în volumele unor manifestări științifice indexate ISI proceedings (4 articole unic autor, 9 articole prim autor și 7 articole coautor);
- 18 articole indexate în baze de date internaționale (BDI)- (2 articole unic autor, 9 articole prim autor și 7 articole coautor);
- 40 articole categoria B (conform CNCSIS) și articole publicate la conferințe naționale și internaționale.

1. Varvara, D. A., Nagy, Emil. – “Reciclarea materialelor pulverulente rezultate din epurarea gazelor arse”. Turnarea și solidificarea metalelor și aliajelor, tome II, 2004, UTPress Cluj-Napoca, p. 205-210, ISSN 1453-9756.
2. Nagy, E., Varvara, D. A. – “Optimizarea încălzirii la cuptorul electric cu arc”. Turnarea și solidificarea metalelor și aliajelor, tome II, 2004, UTPress Cluj-Napoca, p. 157-162, ISSN 1453-9756.
3. Nagy, E., Varvara, D. A. – “Calculation methodology for the dispersion of pollutants in the atmosphere”. Acta Technica Napocensis, Seria: Construcții de Mașini. Materiale, nr. 47. Editura U.T.Press, Cluj-Napoca, 2004, pag. 137-142, ISSN 1224-9106. (categori B)
4. Nagy, E., Varvara, D. A. – “The influence of the electric arc furnace melting process upon the environmental factors”. Acta Technica Napocensis, Seria: Construcții de Mașini. Materiale, nr.47. Editura U.T.Press, Cluj-Napoca, 2004, pag. 143-148, ISSN 1224-9106. (categoria B)
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6. Nagy, E., Varvara, D.A., The monitoring of the greenhouse gases emitted to the steel elaboration, În: Environment &Progress-2004, Presa Universitară Clujeană, 4/2005, Cluj-Napoca, 2005, Editura EFES, p.277-281, ISBN 973-8254-77-9.
7. Varvara, D. A., Brândușan, L.- “Studies about functionally characteristic of sintered reinforced porous materials”. Third International Conference on Powder Metallurgy RoPM 2005, Proceedings, vol. II, p. 949-954, Sinaia, 2005, ISSN 1221 – 5872.

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9. Nagy, E., **Varvara, D. A.**, Nagy, A. – "The Pollution Monitoring to the Electric Arc Furnace". 9th International Research / Expert Conference "Trends in Development of Machinery and Associated Technology" - TMT 2005, 26-30 septembrie, Antalya, Turcia, 2005, p.1411-1415, ISBN-9958-617-28-5.
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10. Nagy, E., Nagy, A., **Varvara, D. A.** – "The Greenhouse Gases Monitoring to the Steel Elaboration. 9th International Research / Expert Conference "Trends in Development of Machinery and Associated Technology" - TMT 2005, 26-30 septembrie, Antalya, Turcia, 2005, p.1463-1467, ISBN-9958-617-28-5.
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11. Dan, V., **Varvara, D. A.** – "The means of saving of the energy in the smelting houses utilizing the cumulative energetic consumption". Acta Technica Napocensis, Seria: Construcții de Mașini. Materiale, nr.48, 2005, p. 139-144, ISSN 1224-9106. (categoria B)
12. Nagy, E., **Varvara, D. A.** – "Specific elements in modeling of the pollutants dispersion in the atmosphere". Acta Technica Napocensis, Seria: Construcții de Mașini. Materiale, No.48, 2005, p.99-107, ISSN 1224-9106. (categoria B)
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15. **Varvara, D. A.**, Nagy, E., Suci, C. R., Thalmaier, G. – "Specificitatea poluării aerului la elaborarea oțelului". Știință și Inginerie, vol. 8, p. 341 – 344, Editura AGIR, București, 2005, ISBN 973 – 720 – 016 – 0, ISBN 973 – 8130 – 84 – 0.
16. **Varvara, D. A.**, Zirbo, G., Suci, C. R., Thalmaier, G. – "Problematika transferului de substanță la elaborarea oțelului". Știință și Inginerie, vol. 8, p. 213 – 216, Editura AGIR, București, 2005, ISBN 973 – 720 – 016 – 0, ISBN 973 – 8130 – 84 – 0.
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22. **Varvara, D. A.**, Nagy, E. – “Problematika poluării cu particule materiale la elaborarea oțelului”. Știință și Inginerie, vol. 10, 2006, pag. 147-152, ISBN 10 973-8130-82-4, ISBN 10 973-720-030-6.
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25. **Varvara, D. A.** -“The problematic of pollution with dioxins and furans to the steelmaking in the electric arc furnace”, Acta Technica Napocensis – Buletinul Științific al Universității Tehnice Cluj – Napoca. Seria: Construcții de mașini Materiale, Cluj – Napoca. pg.151 – 157, nr.49, 2006, ISSN 1224-9106. (categoria B)
26. **Varvara, D. A.**, G. Zirbo –“Studiu asupra procedeeleor de recuperare a elementelor din prafurile provenite de la elaborarea oțelului”, Revista GeTraDe, Cluj – Napoca, pg. 67 – 73, nr. 1, septembrie, 2006, ISSN 1842-3833.
27. V. Dan, **Varvara D. A.** - “Utilizarea energiei microundelor în procesele de tratare termică a nămolurilor provenite din stațiile de epurare a apei”. Revista GeTraDe, Cluj – Napoca, pg. 91 – 95, nr. 1, septembrie, 2006, ISSN 1842-3833.
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30. **Varvara, D. A.** - “Cercetări experimentale asupra particulelor materiale emise la elaborarea oțelului”. Revista de Turnătorie, nr. 7,8; pag. 12 – 16, 2007. (categoria B)
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34. **Iluțiu – Varvara, D. A., Dan, V.** – “Research on the composition of the dust emitted during steelmaking in the electric arc furnace”. Acta Technica Napocensis – Buletinul Științific al Universității Tehnice Cluj – Napoca. Seria: Construcții de mașini Materiale, Cluj – Napoca, pag. 67 – 72, nr.51, 2008, ISSN 1224-9106. (categoria B)
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