

LUCRĂRI PUBLICATE

Articole publicate în reviste sau volumele unor conferințe internaționale cu comitet de recenzori:

1. Toncu DC, Alternative Diesel Fuels, Revue of Unconventional Technologies, ISSN 1454-3087, no. 2/2007;
2. C. I. Koncsag, M. Popescu, C. Bâlbâe, **D.C Toncu**, G. Stanciu, „Characterization of crude oils fractions using combined chromatographic methods”, Annals of Ovidius University – Series Chemistry, vol. XVIII, vol.18, nr. 1, 2007, p.75-83.
3. Toncu D.C., „Quality light petroleum products obtained via delayed coking”, Bulletin of the Polytechnic Institute of Jassy “Gh. Asachi”, Machine Construction Series, LIV(LVIII) 1-3 2008, p.283-288,
4. Alina Barbulescu, **D.C. Toncu**, Lucica Orac, Analysis and models of some composites corrosion evolution, Recent Advances in Materials Science (MATERIALS’08), p.63-69, WSEAS Press 2008;
5. G. Toncu, V. Stanciu and **D.C. Toncu**, Experimental Arguments Pleading for the Use of Solid Propellant Rocket Motor in Impulsive Start, Communications of SIWN, Vol. 7, May 2009, p. 47-52;
6. V. Stanciu, **DC Toncu** & G. Toncu, Management, Innovation and Cooperation in Aerospace Engineering, Proceedings of 13th ModTech, p.615-618;
7. O.T. Pleter, **DC Toncu**, G. Toncu, V. Stanciu, Air Pollution Monitoring and Modeling near M. Kogalniceanu Civil Airport in 2008, Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Inginerie Civilă, Vol.1, Special Issue 11, June 2009, p.81-91;
8. DC Toncu, Delayed Coking Modeling, Scheduling and Control, Analele Stiintifice ale Universitatii Ovidius Constanta, Seria Inginerie Civilă, Vol.1, Special Issue 11, June 2009, p.113-122;
9. G.Toncu, V.Stanciu, **DC Toncu**, A Simplified Model for Evaluation of an Underwater vehicle Drag, Proceedings of 2nd Int. Conf. on MARITIME and NAVAL SCIENCE and ENGINEERING WSEAS Brasov 2009, p.55-58;
10. A. Barbulescu, **DC Toncu**, “Modelling precipitation influence on Tabacarie Lake water quality”, Mathematical method, computational technique, intelligent systems, WSEAS Press 2010, p.152-159,
11. V.Stanciu, **D.-C. Toncu** & G. Toncu, Studying on the jet fuel quality for maximum aircraft efficiency, Proceedings of ModTech 2010, p.563-566;
12. **DC Toncu**, V.Stanciu, G. Toncu, On efficient solution in modeling SO₂ dispersion from combustion flue gas, Conference Proceedings Vol. II SGEM 2010, p.253-260;
13. G. Toncu, V. Stanciu, **D.C. Toncu**, Solid propellant rocket motor thrust correlation with initial temperature of propellant charge, U.P.B. Sci. Bull., Series D, Vol. 73 Issue 1, p. 177-184;
14. Vasilievici, G; **Toncu, DC**; Bombos, D; Bombos, M; Zaharia, E, Influence of Glycerol on the Liquid Fossil Fuel Characteristics, REVISTA DE CHIMIE 62 (3), 2011, p.335-338;
15. **DC Toncu**, O. Yildirim, Ultrasonic and combustion characterization of glycerol-heavy fuel oil emulsions, Proceedings of ModTech 2011, p.1089-1092;
16. **DC Toncu**, P. Rosca, D. Bombos, Novel residual fuels and combustion characterization, Proceedings of ModTech 2011, p.1085-1088;
17. **DC Toncu**, A Bogoi, V Stanciu, S Danaila, Solving SO₂ dispersion from combustion flue gas using plume reflection on the ground for continuous point source model, U.P.B. Sci. Bull., Series D, Vol. 73, Iss. 3, 2011, p.71-84;

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Lucrări prezentate în cadrul unor manifestări științifice internaționale:

1. Toncu D-C, „MARPOL”, ECO GORJ 2007, Romania;
2. Toncu D-C, Analysis of some control technologies for refinery pollutants, ECO GORJ 2007, Romania;
3. Toncu D-C, „Low Pressure Polyethylene”, 1st International Conference on Polymers Processing in Engineering, Galați 2007, Romania;
4. Toncu Gheorghită, **Toncu D.-C.**, „Synthesis Polymers in Special Pyrotechnical Products”, 1st International Conference on Polymers Processing in Engineering PPE 2007, 25-26 oct. Galați 2007, Romania;
5. Dan Nicolae Rahău, **Toncu D.-C.**, „Scientific and Practical Problems of Small and Medium Business in Romanian Tourism Area”, Management and Small and Medium Business: Knowledge Management SMB 2007, Sevastopol, Ukraine;
6. Toncu D-C, „The content of the research contract on the co-operation between a research team and an organization”, Management and Small and Medium Business: Knowledge Management SMB 2007, Sevastopol, Ukraine;
7. Toncu D-C, „Water Analysis for Pollution Monitoring”, Disaster and Pollution Monitoring, 3rd Edition, Iași 2007, Romania;
8. Toncu D.-C., „Delayed Coking Revamp Analysis”, Constantin Brâncuși University Tg. Jiu Scientific Conference, 12 Ed, 23-24 Nov. 2007, Romania;
9. C. I. Koncsag, M. Popescu, C. Bâlbâe, **D.C Toncu**, G. Stanciu, „Characterization of crude oils fractions using combined chromatographic methods” - 2, ISRANALYTICA, Tel-Aviv 21-25 Jan. 2008;
10. Bărbulescu Alina, **Toncu D.-C.**, „Copper base alloys corrosion behavior in circulated medium”, RSE – SEE Croatia, May 2008;
11. Bărbulescu Alina, **Toncu D.-C.**, „Study of some composites corrosion”, RSE – SEE Croatia, May 2008;
12. Stanciu V., Toncu G., **Toncu D.C.**, „Operation instability of SPRM”, Simpozionul de comunicări științifice cu participare internațională Ed. 38, Agenția de Cercetare pentru Tehnică și Tehnologii Militare (Symposium of the National Agency of Research for Military Technique and Technologies), București, 29.05.2008;
13. Bărbulescu A., **Toncu D.C.**, „Copper-based Materials for Shipbuilding – Corrosion Behavior”, Conferința internațională de chimie și inginerie chimică (International Conference on Chemistry and Chemical Engineering of Politehnica Timisoara), Timișoara, 28-30 May 2008;
14. **Toncu D.-C.**, Bărbulescu Alina, „The Analysis of Rain Influence on Water Quality”, The Role of Hydrology in Water Resources Management, 2008, Capri, Italy;
15. O.Yildirim, **D.-C. Toncu**, Ultrasonic Enrichment Analysis by Piezoelectric Method, IMPS 2010, Nevşehir, Turkey;
16. **Toncu DC**, Stanciu V, Toncu G, Studiu privind posibilitatea utilizării unei emulsii combustibile apa-kerosen in turbomotoare, A XXXIX Sesiune de Comunicari Stiintifice ACTTM 2010, 29 Nov. Bucuresti;
17. **D.C. Toncu**, F. Cignoli, S. De Iuliis, G. Zizak, S. Maffi, R. Dondé, Comparative Study of Kerosene and Water/Kerosene Combustion, European Combustion Meeting Cardiff 2011.