Universitatea "Dunărea de Jos" din Galați
Facultatea de Inginerie și Agronomie din Brăila
Departamentul: Mediu, Inginerie Aplicata si Agricultura
S.L.dr.ing.asoc. Nicoleta CIOBOTARU

LISTA LUCRĂRILOR ŞTIINŢIFICE

- Teza de doctorat:
Cercetări privind utilizarea generatoarelor sonice pentru extracția substanțelor periculoase din ape și lichide tehnologice uzate

- Cărţi publicate:

1) **Ciobotaru, N.,** *Epurarea unor ape reziduale industriale cu tehologie sonică și ultrasonică*, Editura Fundației Universitare "Dunărea de Jos" Galați, Colecția Științe Inginerești, 2018, ISBN 978-973-627-602-6.

- Lucrări indexate ISI/BDI:

1) **N. Ciobotaru,** "Sonic treatment effect on industrial ammonia water decontamination", The Annals of "Dunarea de Jos" University of Galati, Fascicle IV, ISSN 1221-4558, pag. 62 – 67, 2013.
2) I. Graur, G. Balan, A. Serban, **N. Ciobotaru**, "Experimental study of the air-jet stem generator", Annals of "Dunarea de Jos" University of Galati, ISSN 1224-5615, Vol. 1, pag. 25 – 30, 2015. http://www.ann.ugal.ro/im/
3) **N. Ciobotaru**, D. Scarpete, "The use of ultrasound in treatment process of wastewater. A review", The Annals of "Dunarea de Jos" University of Galati, Fascicle IX, Metallurgy and Materials Science, No. 2 – 2015, ISSN 1453 – 083X, pp. 45-50. http://www.imsi.ugal.ro/Anale/2015-Annals-vol-2.pdf
4) **N. Ciobotaru**, D. Scarpete, **"**Treatment of Ammonia Wastewater by Ultrasound. Part I: The Influence of Ultrasound Energy on Ultrasound Bath Temperature", The Annals of "Dunarea de Jos" University of Galati, Fascicle IX. Metallurgy and Materials Science, No. 4 – 2015, ISSN 1453 – 083X, pp. 26 – 30. http://www.imsi.ugal.ro/Annals.html
5) **N. Ciobotaru**, D. Scarpete, "Treatment of ammonia wastewater by ultrasound. Part II: The influence of ultrasound energy on ammonia removal", Proceedings of the International Scientific Conference UNITECH 2015, Gabrovo, Bulgaria, 20 – 21 November 2015, Vol. III, pp. 23-28, ISSN 1313-230X (in press).
6) **N. Ciobotaru**, M. C. Burtea, "Assessment of some drinking water quality parameters in certain counties from Southeastern Romania", Proceedings of the International Scientific Conference UNITECH 2015, Gabrovo, Bulgaria, 20 – 21 November 2015, Vol. I, pp. 480 – 485, ISSN 1313-230X (in press).
7) **N. Ciobotaru**, D. Scarpete, **"**Treatment of Wastewater by Ultrasound: Intensity and Frequency Effect. A Review", ARPN Journal of Science and Technology, ISSN 2225-7217, Available online: www.ejournalofscience.org, Vol. 5 No. 11, November 2015, ISSN 2225-7217, pp. 591-597, http://www.ejournalofscience.org/archive/vol5no11/vol5no11_11.pdf

8) **N. Ciobotaru**, D. Scarpete, "Assessment of Inorganic Sulfide Removal from Simulated Wastewater by Ultrasound", International Journal of Trend in Research and Development, Volume 3(4), ISSN: 2394-9333, Available online:www.ijtrd.com, pag. 81 – 89, 2016, BDI. http://www.ijtrd.com/papers/IJTRD3948.pdf
9) **N. Ciobotaru**, "An overview on ammonia water treating techniques", Proceedings of the 9th Symposium "Recycling Technologies and Sustainable Development" (9th SRTOR) with international participation, Zaječar, Serbia, September 10 – 12, 2014, ISBN 978-86-6305-025-9, pag. 268 – 273 (in press).
10) **N. Ciobotaru**, "Ultrasonic effect in ammonia-water treatment. A review", Proceedings of the 9th Symposium "Recycling Technologies and Sustainable Development" (9th SRTOR) with international participation, Zaječar, Serbia, September 10 – 12, 2014, ISBN 978-86-6305-025-9, pag. 274 – 279 (in press).

- **Selecţie cu lucrări participante la conferinţe:**

1) **N. Ciobotaru**, "An overview on ammonia water treating techniques", Proceedings of the 9th Symposium "Recycling Technologies and Sustainable Development" (9th SRTOR) with international participation, Zaječar, Serbia, September 10 – 12, 2014, ISBN 978-86-6305-025-9, pag. 268 – 273 (in press).
2) **N. Ciobotaru**, "Ultrasonic effect in ammonia-water treatment. A review", Proceedings of the 9th Symposium "Recycling Technologies and Sustainable Development" (9th SRTOR) with international participation, Zaječar, Serbia, September 10 – 12, 2014, ISBN 978-86-6305-025-9, pag. 274 – 279 (in press).
3) **N. Ciobotaru**, D. Scarpete, **"**Treatment of Ammonia Wastewater by Ultrasound. Part I: The Influence of Ultrasound Energy on Ultrasound Bath Temperature", The Annals of "Dunarea de Jos" University of Galati, International Scientific Conference NEW TRENDS IN ENVIRONMENTAL AND MATERIALS ENGINEERING (TEME), 21 – 23 October 2015.
4) **N. Ciobotaru**, D. Scarpete, "Treatment of ammonia wastewater by ultrasound. Part II: The influence of ultrasound energy on ammonia removal", Proceedings of the International Scientific Conference UNITECH 2015, Gabrovo, Bulgaria, 20 – 21 November 2015, Vol. III, pp. 23-28, ISSN 1313-230X (in press).
5) **N. Ciobotaru**, M. C. Burtea, "Assessment of some drinking water quality parameters in certain counties from Southeastern Romania", Proceedings of the International Scientific Conference UNITECH 2015, Gabrovo, Bulgaria, 20 – 21 November 2015, Vol. I, pp. 480 – 485, ISSN 1313-230X (in press).