

LUCRĂRI ȘTIINȚIFICE PUBLICATE (care apar în teză)

Ing. Elena CICAL

1. C. Mihali, G. Oprea, **E. Cical** „PVC matrix ionic-surfactant selective electrodes based on the ionic pair tetra alkyl-ammonium-lauril sulfate”, *Studia Universitatis, Babes Bolyai Chemia*, 2009, vol. LIV No.3, p 141-153
2. G. Oprea, A. Mihnea, **E. Cical**, Cristina Mihali, „On the sorption of 8-droxyquinoline by cerusite”, 2009, *Revista de chimie*, vol. 60, nr. 6, p. 517-521,
3. L. Ardelean, M. Gorea, **E. Cical**, A. Mihnea „ Soil and spring water pollution in two protected natural areas in Maramures District”, *Studia Universitatis, Babes Bolyai Chemia* 2009, vol. LIV No 1 , p.115-123
4. **E. Cical**, G. Oprea, C. Mihali, L. Ardelean, G. Burtică, L. Lupa, “Systematic Studies Regarding the introduction of a new product in the flow of drinking water of an atypical surface source”, *Revista de chimie*, 59, nr.9, 2008, p.1030-1036
5. C. Mihali, **E. Cical**, G. Oprea, Gh.Vatca, G. Burtică, L. Lupa, ”Studies Regarding the Drinking Water Quality Using Aluminium Sulphate Comparative with Aluminium Base Poly Chlorine” *Chem.Bull.Politeh. Univ.Timișoara*, 2008, 553(67),1-2, p.73-77
6. C. Mihali, G. Oprea, **E. Cical** „The determination of Critical Micelar Concentration of Anionic Surfactant Using surfactant-Sensible Electrodes”, *Chem.Bull.Politeh. Univ.Timișoara*, 2008,553(67),1-2, p.159-162
7. **E. Cical** „Aspecte privind turbiditatea apei potabile obținută în Statia de tratare comparativ cu turbiditatea apei brute”, *Revista “Eco Terra”, Cluj-Napoca*, an IV.nr.12, martie 2007, p.24-25
8. **E.Cical** , M., Mecea G. Gasparik, Burtică Georgeta, ”Drinking water an essential condition for the human existence”, *Cell Biol Toxicol*, 2008, Springer Netherlands, Suppl (S1-S130), DOI:10.1007 / s10565-007-9052-8,
VIII th, Conference of the International Society for Trace element in Humans, Hersonisson (Crete-Grece), October 21-26, 2007,
9. **E. Cical**, G. Burtica, M. Mecea, ”Unele aspecte privind tehnici noi de tratare a apei”, *Environment & Progress*, 9/2007, *Mediul Cercetare, Protecție și Gestione*, Cluj –Napoca, p.113-118.
10. **E. Cical**, C. Mihali, G. Oprea, G. Burtica, L. Lupa, „Studies Regarding the Quality of the Drinking Water obtained in the Micro Plants”, *Proceedings of The 1st International Conference, Environment – Natural Sciences – Food Industry In European Context*, 2007, Baia Mare, p.133-136
11. **E. Cical**, G. Burtică, G. Geza, ” Studies regarding the water treatment with new coagulation reagents”, *Trace Elements in the Food Chain, Proceedings of the International Symposium on Trace Elements in the Food Chain*, Budapesta, Hungary, 2006, p.107-111
12. **E. Cical**, G. Burtică, L. Lupa, ”Studies regarding the suspension removal from water by coagulation”, *Environment & Progress*, 6/2006, Cluj –Napoca, p.54-57.

13. **E. Cical** , L. Ardelean, M. Benea, N. Har, G. Burtică, „Unele aspecte privind calitatea apelor de la Farcașa (jud. Maramureș)”, Environment & Progress, 6/2006, Mediul Cercetare, Protecție și Gestiune, Cluj –Napoca, p.54-57.
14. **E. Cical**, G. Burtica, G. Gasparik, A. Negrea, L. Lupa, „Contribution regarding the combined use of the coagulation reagents”, Environmental Engineering and Management Journal, 2006, vol. 5, Iași, p.29-35
15. **E. Cical**, G. Gasparik, G. Burtică, L. Lupa, „Consideration regarding the quality of the drinking water obtained in the water plants”, Proceedings of The 13th Symposium on Analytical and Environmental Problems, 2006, Szab, Szeged, Hungary, p. 127-131
16. **E. Cical**, C. Raț, F. Moni, G. Burtica, “Studies Regarding the water treatment with Aluminium bases poly chlorine and Sodium Aluminate”, Proceedings of The 13th Symposium on Analytical and Environmental Problems, 2006, Szab, Szeged, Hungary, p. 122-126
17. L. Ardelean, **E. Cical**, M. Benea, N. Har, G. Burtica, A. Negrea, “Some Aspects Regarding the Quality Water from Girdani and Fărcașa (Maramureș county Romania)”, Proceedings of The 13th Symposium on Analytical and Environmental Problems, 2006, Szab, Szeged, Hungary, p.132-135
18. **E. Cical**, G. Burtică, M. Mecea, „Aspect Regarding the quality of raw water and drinking water” Proceedings of The 12th Symposium on Analytical and Environmental Problems, 2005, Szab, Szeged, Hungary p.15-19
19. **E. Cical**, G. Burtică, G. Gasparik, M. Mecea, „Eficiența procesului de coagulare în tehnologiile de potabilizare a apei utilizând diferite tipuri de reactivi”, Environment & Progress, 5/2005, Mediul-Probleme fundamentale, tehnologii și echipamente pentru evaluarea și protecția mediului, Cluj-Napoca, p.83-87
20. **E. Cical**, G. Burtică, L. Teuca, „Comparative Study Regarding the water Treatment with Aluminium Bases Poly Chlorides”, Chem. Bull. Politeh. Univ. Timișoara, 2005, 50(64), p.116
21. **E. Cical**, G. Burtică, M. Mecea, ” Influence of Coagulation to the Quality of Treated water and to the Turbidity Parameter”, Bull. Politeh. Univ. Timișoara, 2005, 50(64), p.119
22. G. Petca, **E. Cical**, „Debicarbonatarea cu hidroxid de calciu a apelor caracterizate prin $2[Ca^{2+}]/m < 1$ ”, Instalații pentru construcții și confortul ambiental, Timișoara, p.187-195