

Books :

1. A. Turtureanu, A.M. Şuteu, **C.M. Goncea** și M. Popa, “*Chimie anorganică. Teste pentru concursul de admitere la Facultatea de Tehnologia Textilelor și Produselor Alimentare*”, Ed. Universității “Lucian Blaga” din Sibiu, 2000, 131 pag., ISBN 973-651-073-5.
2. **C.M. Goncea**, “*Oxidarea chimică și electrochimică a fenolilor și a derivaților fenolici. Implicații ecologice*”, Ed. Universității “Lucian Blaga” din Sibiu, 2000, 200 pag., ISBN 973-651-099-9.
3. L. Sava și **C.M. Goncea**, “*Îndrumar de lucrări practice de chimie fizică*”, Ed. Universității “Lucian Blaga” din Sibiu, 2001, 209 pag., ISBN 973-651-371-8.
4. **C.M. Goncea**, “*Chimie fizică Baze teoretice și aplicații numerice*”, vol.1, Ed. Universității “Lucian Blaga” din Sibiu, 2004, 265 pag., ISBN 973-651-908-2, ISBN 973-651-909-0.
5. **C.M. Goncea**, “*Chimie fizică Baze teoretice și aplicații numerice*”, vol.2, Ed. Universității “Lucian Blaga” din Sibiu, 2004, 198 pag., ISBN 973-651-908-2, ISBN 973-651-910-4.
6. **C.M. Goncea**, “*Chimie generală. Baze teoretice și aplicații numerice*”, Ed. Universității “Lucian Blaga” din Sibiu, 2008, 178 pag., ISBN 978-973-739-610-5.
7. **C.M. Goncea**, “*Bazele chimiei fizice și coloidale*”, Ed. Universității “Lucian Blaga” din Sibiu, 2009, 162 pag., ISBN 978-973-739-856-7.
8. **C.M. Crețu**, O.H. Oprea, “*Îndrumar de lucrări practice de chimie generală*”, Ed. Universității “Lucian Blaga” din Sibiu, 2010, 101 pag., ISBN 978-973-739-983-0.
9. **C.M. Crețu**, “*Bazele chimiei fizice și coloidale*”, ediție a-2-a revizuită, Ed. Universității “Lucian Blaga” din Sibiu, 2013, 165 pag., ISBN 978-606-12-0447-2.
10. **C.M. Crețu**, “*Chimie fizică și coloidală*”, Ed. Universității “Lucian Blaga” din Sibiu, 2014, 200 pag., ISBN 978-606-12-0902-6.

11. **C.M. Crețu**, “*Chimie generală*”, Ed. Universității “Lucian Blaga” din Sibiu, 2015, 200 pag., ISBN 978-606-12-1151-7.

12. **C.M. Crețu**, “*Îndrumar de lucrări practice de chimie fizică și coloidală*”, Ed. Universității “Lucian Blaga” din Sibiu, 2016, 200 pag., ISBN 978-606-12-1314-6.

13. **C.M. Crețu**, “*Aspecte matematice în analiza termodinamică a proceselor fizice și chimice*”, Ed. Universității “Lucian Blaga” din Sibiu, 2017, 140 pag., ISBN 978-606-12-1450-1.

14. **C.M. Crețu**, “*Aspecte matematice în cinetica reacțiilor simple, complexe și catalizate*”, Ed. Universității “Lucian Blaga” din Sibiu, 2018, 110 pag., ISBN 978-606-12-1550-8.

15. **C.M. Crețu**, “*Coroziunea chimică și electrochimică a metalelor și aliajelor*”, Ed. Universității “Lucian Blaga” din Sibiu, 2019, 95 pag., ISBN 978-606-12-1654-3.

 ISI and international databases indexed articles:

1. L. Oniciu și **C.M. Goncea**, “*L'électrooxydation du phénol. Voltammétrie cyclique*”, Studia Univ. Babeș-Bolyai, Chemia, 1998, XLIII (1-2), 193-198.

2. **C.M. Goncea**, L. Oniciu, C. Măruțoiu și M. Filip, “*Analiza prin cromatografia de lichide a produșilor de electrooxidare ai fenolului*”, Rev. Chim. (București), 1999, 50(2), 128-133, FI=0.123 (**ISI**).

3. **C.M. Goncea**, L. Oniciu, C. Măruțoiu și M. Filip, “*Analiza prin cromatografia de lichide a produșilor de electrooxidare mediată ai fenolului cu $Ce(SO_4)_2$* ”, Rev. Chim. (București), 1999, 50(3), 216-220, FI=0.123 (**ISI**).

4. L. Oniciu și **C.M. Goncea**, “*Electrooxidarea fenolului. Curbe de polarizare*”, Rev. Chim. (București), 1999, 50(4), 255-258, FI=0.123 (**ISI**).

5. **C.M. Goncea**, “*Electrooxidarea directă și mediată a fenolului cu $Ce^{4+\beta+}$. Curbe de polarizare*”, Rev. Chim. (București), 2000, 51(11), 896-897, FI=0.195 (**ISI**).

6. **C.M. Goncea**, “*Electrooxidarea mediată a fenolului cu $Ce^{4+/3+}$. Curbe de polarizare*”, Rev. Chim. (București), 2001, 52(1-2), 38-40, FI=0.163 **(ISI)**.
7. **C.M. Goncea**, “*Electrooxidarea mediată a fenolului cu $Ce^{4+/3+}$. Efectul $Ce^{4+/3+}$ asupra curbelor de polarizare*”, Rev. Chim. (București), 2001, 52(3), 143-145, FI=0.195 **(ISI)**.
8. **C.M. Goncea**, “*Electrooxidarea mediată a fenolului cu $Ce^{4+/3+}$. Efectul H_2SO_4 asupra curbelor de polarizare*”, Rev. Chim. (București), 2002, 53(3), 251-252, FI=0.281 **(ISI)**.
9. C. Măruțoiu, **C.M. Goncea**, A. Pătruț, M. Filip și M.I. Moise, “*The Purification of Industrial Phenolic Waste Waters by Electrooxidation Monitored by High Performance Liquid Chromatography*”, Chem. Environ. Res., 2003, 12(1&2), 69-76.
10. **C.M. Goncea**, C. Măruțoiu, C.H. Barbu și M. Filip, “*The Electrooxidation of Hydroquinone Monitored by High Performance Liquid Chromatography*”, Acta Univ. Cib. Chemia, seria F, 2003, 6(1), 13-21.
11. **C.M. Goncea**, “*Influența sistemului redox mediator asupra curbelor de polarizare în electrooxidarea mediată a fenolului cu $Co^{3+/2+}$* ”, Rev. Chim. (București), 2003, 54(7), 643-644, FI=0.291 **(ISI)**.
12. **C.M. Goncea** și C.H. Barbu, “*Comparison Between the Direct Electrooxidation of Phenol and Its $Co^{3+/2+}$ Mediated Electrooxidation. Polarization Curves*”, Acta Univ. Cib. Chemia, seria F, 2003, 6(2), 21-25.
13. **C.M. Goncea**, “*Electrooxidarea mediată a hidrochinonei cu $Ce^{4+/3+}$. Efectul derivatului fenolic asupra curbelor de polarizare*”, Rev. Chim. (București), 2003, 54(12), 963-964, FI=0.291 **(ISI)**.
14. **C.M. Goncea**, C. Măruțoiu, C.H. Barbu, M.I. Moise și M. Filip, “*The Mediated Electrooxidation of Phenol With $Co^{3+/2+}$ Monitored by High Performance Liquid Chromatography*”, Chem. Environ. Res., 2004, 13(1&2), 25-33.
15. **C.M. Goncea**, “*Rolul acidității asupra curbelor de polarizare în electrooxidarea mediată a fenolului cu $Co^{3+/2+}$* ”, Rev. Chim. (București), 2004, 55(11), 862-863, FI=0.308 **(ISI)**.
16. **C.M. Goncea** și C.H. Barbu, “*The Effect of the Mediator Redox System on the Linear Sweep*

Voltamograms in Mediated Electrooxidation of Hydroquinone with Ce^{4+}/Ce^{3+} , Acta Univ. Cib. Chemia, seria F, 2004, 7(1), 77-81.

17. C.H. Barbu, C. Sand, **C.M. Goncea**, M. Pop, “*Reduction of Cadmium and Lead Uptake in Plants by Foliar Application of Manganese*”, Buletin U.S.A.M.V., Cluj-Napoca, 2004, 60, 431.

18. C. Măruțoiu, M. Moise, O.F. Măruțoiu, L. Soran, **C.M. Goncea**, D. Nica-Badea, “*Chromatographic Separation of the Active Components of Horseradish and Mustard*”, Buletin U.S.A.M.V., Cluj-Napoca, 2004, 60, 483.

19. **C.M. Goncea** și C.H. Barbu, “*Direct and Mediated Electrooxidation of Phenol with Ce^{4+}/Ce^{3+} . Comparative Analysis Monitored by High Performance Liquid Chromatography*”, Acta Univ.Cib. Chemia, seria F, 2004, 7(2), 53-59.

20. **C.M. Goncea**, C. Măruțoiu, C.H. Barbu și A. Turtureanu, “*Galvanic Deposition of Zinc on Steel From Low Acid $ZnCl_2$ Solution*”, Chem. Environ. Res., 2004, 13(3&4), 213-219.

21. C.H. Barbu, **C.M. Goncea**, C. Sand și M. Pop, “*Manganese Action – a Possibility of Reducing the Toxic Heavy Metals Content in Plants Cultivated on Polluted Soils*”, Proc. Rom. Acad., series B, 2005, 7(1), 61-63.

22. **C.M. Goncea**, C. Măruțoiu și C.H. Barbu, “*Comparison Between Direct and Mediated Electrooxidation of Phenol With Co^{3+}/Co^{2+} , Monitored by High Performance Liquid Chromatography*”, Chem. Environ. Res., 2005, 14(1&2), 5-11.

23. **C.M. Goncea**, “*Electrooxidarea mediată a fenolului cu Co^{3+}/Co^{2+} . Influența derivatului fenolic asupra curbelor de polarizare*”, Rev. Chim. (București), 2005, 56(4), 438-440, FI=0.278 (ISI).

24. C. Măruțoiu, L. Oprean, O.F. Măruțoiu, M.L. Soran, C. Tigae și **C.M. Goncea**, “*Quality Control of Commercial Mustard by Thin-Layer Chromatography*”, J. Planar Chromatogr.- Modern TLC, 2005, 18(104), 282-284, FI=0.667 (ISI).

25. **C.M. Goncea**, C. Măruțoiu și C.H. Barbu, “*Electrodeposition of Copper on Brass From Sulfate Solution*”, Chem. Environ. Res. 2005, 14(3&4), 187-193.

26. **C.M. Goncea**, S. Oancea, „*The Mediated Electrooxidation of Phenol With Ce^{4+}/Ce^{3+} Monitored by High Performance Liquid Chromatography*”, Chem. Environ. Res. 2008, 17(1&2).
27. S. Oancea, L. Oprean, E. Lengyel, **C.M. Goncea**, E. Gaspar, M. Stoia, M. Păcală, “*Characterization of Heavy Metals Pollutants in the Sewage Sludge Produced at Sibiu WWTP and Perspectives on Its Agricultural Utilizations*”, Acta Univ. Cib. Chemia, seria F, 2008, 11(1), 47-52.
28. D. Chicea, **C.M. Goncea**, “*On Aqueous Fe_3O_4 Nanofluid Room Temperature Synthesis and Physical Properties*”, Optoelectronics Advanced Materials (O.A.M.-R.C.), 2009, 3(3), 185-189, FI=0.24092, ISSN 1842-6573 (ISI).
29. M.L. Pacala, L. Brudiu, **C.M. Cretu**, O. Tita, M.A. Tita, “*Working Procedure According to the Requirements of Reference Quality Standards – Case Study for a Boiling Department from a Beer factory*”, Acta Univ. Cib., Food Technology, seria E, 2010, XIV(2), 47-56.
30. **C.M. Cretu**, A. Crisu-Bota, S. Oancea, A. Turtureanu, M.L. Pacala, *Environmental Aspects of Purification of Phenolic Waste Waters by Mediated Electrooxidation With Ce^{4+}/Ce^{3+} and Monitored by HPLC*”, Acta Univ. Cib., Food Technology, seria E, 2011, XV(1), 31-36.
31. A. Turtureanu, **C.M. Cretu**, C. Georgescu, „*Cadmium Removal From Aqueous Solutions by Flotation With Anionic Collector*”, Acta Univ. Cib., Food Technology, seria E, 2011, XV(1), 37-42.
32. D. Chicea, E. Indrea, **C.M. Cretu**, “*Asseing Fe_3O_4 Nanoparticle Size by DLS, XRD and AFM*”, Journal of Optoelectronics and Advanced Materials (J.O.A.M.), 2012, 14(5-6), 460-466, SRI=0.46, FI=0.22840, ISSN 1842-6573 (ISI).
33. **C.M. Cretu**, „*Research Regarding Aluminium Eloxation From Phosphoric Acid Electrolyte*”, Acta Univ. Cib., Food Technology, seria E, 2014, 18(1), 71-76, DOI 10.2478/aucft-2014-0008.
34. **C.M. Goncea** și M.L. Brudiu, “*La détermination spectrophotométrique du fer total des vins blancs*”, Acta Univ. Cib., seria E, 1999, III(1-2), 77-82.

✚ Articles published and presented to national conferences, international conferences and workshops:

1. **C.M. Goncea**, “*Electrosinteza iodoformului*”, Sesiunea ALTEXIM I, Buletin Științific - Univ. “Lucian Blaga” din Sibiu, 1998, VI, 45-50.
2. **C.M. Goncea**, “*Dependența negativă a vitezei de reacție de concentrația ionilor de hidrogen*”, Sesiunea ALTEXIM I, Buletin Științific – Univ. “Lucian Blaga” din Sibiu, 1998, VI, 87-92.
3. M.L. Brudiu și **C.M. Goncea**, “*O nouă metodă de determinare a concentrației fierului total din vinurile albe seci*”, Sesiunea ALTEXIM I, Buletin Științific – Univ. “Lucian Blaga” din Sibiu, 1998, VI, 107-114.
4. **C.M. Goncea**, “*Efectul $K_4Fe(CN)_6$ asupra cineticii oxidării cisteinei cu $K_3Fe(CN)_6$ în mediu acid*”, Lucrările Științifice ale Simpozionului Internațional, Univ. din Petroșani, 7-8 octombrie 1999, I, 80-81, ISBN 973-8035-01-5.
5. **C.M. Goncea**, “*Metode extracinetice folosite la stabilirea mecanismului reacției de oxidare a cisteinei cu $K_3Fe(CN)_6$* ”, Lucrările Științifice ale Simpozionului Internațional, Univ. din Petroșani, 7-8 octombrie 1999, I, 82-83, ISBN 973-8035-01-5.
6. **C.M. Goncea**, “*Cinetica oxidării fenolului cu $K_3Fe(CN)_6$ în mediu alcalin*”, Lucrările Științifice ale Simpozionului Internațional, Univ. din Petroșani, 7-8 octombrie 1999, I, 102-103, ISBN 973-8035-01-5.
7. **C.M. Goncea** și C. Măruțoiu, “*Purificarea apelor reziduale fenolice prin electrooxidare directă și mediată*”, Lucrările celei de a 5-a Conferințe Naționale pentru protecția mediului prin metode biologice și biotehnice și a celei de a 2-a Conferințe Naționale de ecosanogeneză, Univ. “Transilvania” din Brașov, 26-27 mai 2000, 55-60.
8. **C.M. Goncea**, “*Electrooxidarea directă a hidrochinonei. Curbe de polarizare*”, Lucrările Conferinței Internaționale ALTEXIM II, Buletin Științific – Univ. “Lucian Blaga” din Sibiu, 2000, 116-121, ISBN 973-651-157-X.
9. **C.M. Goncea**, “*The Influence of the Hydrogen Ions on the Kinetics and the Mechanism of the Cysteine Oxidation With $K_3Fe(CN)_6$* ”, International Conference, Agricultural and Food Sciences, Processes and

Technologies”, Secțiunea Chimie, Univ. ”Lucian Blaga” din Sibiu, 31 octombrie-1 noiembrie 2002, 2, 160-163, ISBN 984-642-157-3.

10. C.H. Barbu, C. Sand, M. Tanase, **C.M. Goncea**, M.I. Moise și M. Pop, “*Use of Natural Zeolites for the Remediation of the Soils Polluted with Heavy Metals. Advantages and Limitations*”, Scientific Papers,”Animal Breeding – from traditional technologies to biotechnologies within a sustainable european agriculture”, Timișoara, 27-28 mai 2004, XXXVII, 30-35, ISSN 1221-5287.

11. C.H. Barbu, **C.M. Goncea**, C. Sand și M. Pop, “*Reduction of Cadmium and Lead Content in Plants, by Foliar Fertilization With Manganese*”, International Workshop “Fate and Impact of Persistent Pollutants in Agroecosystems”, Pulawy(Poland), 10-12 martie 2005, 178, 70-72, ISBN 83-89576-01-1.

12. **C.M. Goncea**, “*The Purification of Phenolic Waste Waters by Mediated Electrooxidation With Co^{3+}/Co^{2+}* ”, Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies”, Secțiunea Chimie, Univ. ”Lucian Blaga” din Sibiu, 12-13 mai 2005, 2, 66-69, ISBN 973-739-093-8, 973-739-095-4.

13 C.H. Barbu, C. Sand, M. Tănase, **C.M. Goncea**, M.I. Moise și M. Pop, “*Cultivation of Sunflower on Soils Polluted With Heavy Metals*”, Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies”, Secțiunea Chimie, Univ. ”Lucian Blaga” din Sibiu, 12-13 mai 2005, 3, 31-36, ISSN 1221-5287.

14. **C.M. Goncea**, S. Oancea și A. Turtureanu, “*The Study of the Electrodeposition of Zinc From Acid Electrolyte*”, “Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies”, Secțiunea Chimie, Univ. ”Lucian Blaga” din Sibiu, 26-27 aprilie 2007, 111-114, ISSN 1843-0694.

15. A. Turtureanu, C. Georgescu, **C.M. Goncea** și I. Bratu, “*Cadmium Removal From Aqueous Solutions by Flotation With Cationic Collector*”, “Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies”, Secțiunea Chimie, Univ. ”Lucian Blaga” din Sibiu, 26-27 aprilie 2007, 145-150, ISSN 1843-0694.

16. S. Oancea, **C.M. Goncea**, M. Stoia, E. Gaspar și M. Tița, “*Potential Gluten Content of Food Additives Determined by Immunochromatographic assay*”, Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies”, Secțiunea Chimie, Univ. ”Lucian Blaga”

din Sibiu, 26-27 aprilie 2007, 245-248, ISSN 1843-0694.

17. D. Chicea, **C.M. Goncea**, “*On Magnetic Nanofluid Synthesis and Some Physical Properties*”, 9th International Balkan Workshop on Applied Physics, Ovidius University of Constanța, 7-9 iulie 2008, 87-88, ISBN 978-973-614-415-8.

18. M.L. Pacala, O. Tita, L. Oprean, E. Gaspar, S.R. Oancea, **C.M. Goncea**, “*The Influence of Non-Biological Acidification Used in Laboratory Mashing Programs on Wort Quality*”, 18th International Congress of Chemical and Process Engineering, Prague (Czech Republic), 24th - 28th august 2008 [880], www.chisa.cz/2008.

19. D. Chicea, **C.M. Goncea**, “*On Aqueous Magnetic Fluid Particle Sizing Using DLS*”, 1st International Workshop ASITELS, International Journal of Advanced Statistics and IT&C for Economics and Life Sciences, Univ. ”Lucian Blaga” din Sibiu, Romania, 3-6 mai 2009, 1(2), 101-106, ISSN 2067-354X.

20. M.L. Pacala, L. Oprean, O. Tita, **C.M. Goncea**, M.A. Tita, C. Tusa, “*The Influence of the Initial Ph of Mash (Without/With Barley Adjunct) on the Extract, Fan and Fermentation of the First Wort*”, Proceedings of the 2nd International Proficiency Testing Conference, Univ. ”Lucian Blaga” din Sibiu, Romania, 15th – 18th September 2009, 287-294, ISSN 2066-737X.

21. M.A. Tita, L. Oprean, O. Tita, M.L. Pacala, **C.M. Goncea**, N. Mandrean, A. Noje, C.M. Tita, “*Research on the Tranceability of Milk Products as Raw Material in Obtaining Gouda Cheese*”, Proceedings of the 2nd International Proficiency Testing Conference, Univ. ”Lucian Blaga” din Sibiu, Romania, 15th – 18th September 2009, 245-249, ISSN 2066-737X.

22. S. Oancea, A. Wagner, E. Cîrstea, M. Sima, **C.M. Cretu**, “*Immunodetection of Gluten in Food Ingredients and Products*”, Jubilee International Conference “Agricultural and Food Sciences, Processes and Technologies”, Univ. ”Lucian Blaga” din Sibiu, Romania, 9-12 decembrie 2010, 59-62, ISBN 978-606-12-0068-9.

23. **C.M. Cretu**, A. Crisu-Bota, S. Oancea, A. Turtureanu, M.L. Pacala, M.A. Tita, “*The Purification of Phenolic Waste Waters by Mediated Electrooxidation with Ce^{4+}/Ce^{3+}* ”, Jubilee International Conference “Agricultural and Food Sciences, Processes and Technologies”, Univ. ”Lucian Blaga” din Sibiu, Romania, 9-12 decembrie 2010, ISBN 978-606-12-0068-9, abstract.

24. **C.M. Cretu**, “*The Study of Aluminium Eloxation From Sulphuric Acid Electrolyte*”, Proceedings of the 7th International Conference “Integrated Systems for Agri-Food Production SIPA’11”, Nyiregyhaza (Hungary), 10-12 november 2011, 163-165, ISBN 978-606-569-312-8, 978-615-5097-26-3, <http://www.sipa11.hu>.
25. **C.M. Cretu**, A. Turtureanu, M. Tita, “*Research Regarding Anodic Oxidation of Aluminium From Oxalic Acid Solution*”, Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies” AGRI-FOOD 20, Univ. ”Lucian Blaga” din Sibiu, Romania, 10-12 mai 2012, 315-319, ISSN 1843-0694, <http://saiapm.ulbsibiu.ro/rom/cercetare/conferinte/AGRIFOOD20.html>.
26. Tita M., **Cretu C.M.**, Ketney O., Tifrea A., Butoi S., Tita O., “*Research on Quality Assurance and Safety of Milk From Farms in Terms of Reception Quality*”, Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies” AGRI-FOOD 20, Univ. ”Lucian Blaga” din Sibiu, Romania, 10-12 mai 2012, 429-435, ISSN 1843-0694, <http://saiapm.ulbsibiu.ro/rom/cercetare/conferinte/AGRIFOOD20.html>.
27. A. Turtureanu, **C.M. Cretu**, “*Zinc Removal From Aqueous Solutions by Flotation With Anionic Collector*”, Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies” AGRI-FOOD 20, Univ. ”Lucian Blaga” din Sibiu, Romania, 10-12 mai 2012, 460-465, ISSN 1843-0694, <http://saiapm.ulbsibiu.ro/rom/cercetare/conferinte/AGRIFOOD20.html>.
28. **C.M. Cretu**, “*Research Regarding Aluminium Eloxation From Phosphoric Acid Electrolyte*”, International Conference “Integrated Systems for Agri-Food Production SIPA 2013”, Sibiu, 26-29 september 2013, abstract.
29. **C.M. Cretu**, “*The Study of Anodic Oxidation of Aluminium in Chromic Acid Electrolyte*”, Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies” AGRI-FOOD 2014, Univ. ”Lucian Blaga” din Sibiu, Romania, 14-15 mai 2014, 183-188, ISSN 1843-0694, <http://saiapm.ulbsibiu.ro/rom/cercetare/conferinte/AGRIFOOD2014.html>.
30. **C.M. Cretu**, “*Researche Regarding Anodic Oxidation of Aluminium From Acid Mixture Electrolyte*”, Proceedings of the International Conference “Agricultural and Food Sciences, Processes and Technologies” AGRI-FOOD XXV, Univ. ”Lucian Blaga” din Sibiu, Romania, 24-25 mai 2015, 60-65, ISSN 1843-0694, <http://saiapm.ulbsibiu.ro/rom/cercetare/conferinte/AGRIFOOD2015.html>

31. **C.M. Crețu**, “*Artă culinară prin gastronomie moleculară*”, Conferință Națională, Principii și valori pentru viitorul gastronomiei culturale sibiene, Univ. “Lucian Blaga” din Sibiu, 18 noiembrie 2016, 113-120, ISBN 978-606-12-1392-4.

32. **C.M. Crețu**, “Researche Regarding the Electrodeposition of Zinc”, Proceedings of the International Conference “Agriculture and Food for the XXI Century” Agri-Food 2017, Univ. ”Lucian Blaga” din Sibiu, Romania, 11-13 mai 2017, 57-62, ISSN 1843-0694, http://saiapm.ulbsibiu.ro/wp-content/uploads/2017/06/Volum_Food-final_20_05_2017.pdf

33. **C.M. Crețu**, “Researche Regarding the Electrodeposition of Copper from Acid Electrolyte”, 9th Central European Congress on Food – CEFood Congress, Univ.”Lucian Blaga” din Sibiu, Romania, 24-26 mai 2018, 50, ISBN 978-606-12-1546-1, <http://ceefood.conferences.ulbsibiu.ro/2018/program/>

Research projects:

1. Member in C.N.C.S.I.S. research project, type AT, no. contract 33484 / 17.07.2002

Director: Mihail Țițu, “Lucian Blaga” University of Sibiu. Financing level: 50 million lei. Funded by CNCSU.

Title: "Efficiency of scientific research activities in the field of modern technologies with direct applications in technical and economic higher education in Romania".

2. Member in research contract no. 1012 / 11.05.2005

Director: Adrian Turtureanu, “Lucian Blaga” University of Sibiu. Financing level: 30 million lei. Funded by ROMÂNOFIR S. A. Tâlmăciu

Title: "Study on the possibilities of reducing the degree of wastewater pollution in ROMÂNOFIR S. A. Tâlmăciu".

3. Member in multiannual research and development project complex CEEEX 3822 (2006-2008) - Biotech Program, no. contract 135 / 15.09.2006

Director: Letiția Oprean, “Lucian Blaga” University of Sibiu. Financing level: 1000000 RON. Funded from the state budget through the MEC budget.

Title: "Modern unconventional technologies, compliant with European regulations, wastewater treatment

and wastewater treatment for reuse."

4. Member in C.N.C.S.I.S exploratory research project (2009-2011) - National Plan for Research, Development and Innovation PN II, IDEI Program, code 471, no. contract 882 / 19.01.2009.

Director: Daniel Mara, "Lucian Blaga" University of Sibiu.

Title: "Curricular adaptation - a fundamental tool in inclusive education".

5. Member of the target group in the research project (2010-2013) - Sectoral Operational Program for Human Resources Development 2007-2013, Contract no. HRD / 86 / 1.2 / S / 62 689.

Financing level: 902873 RON. Funded from the state budget through the MECTS budget.

Title: "Training of university staff and students in the use of modern IT tools in the field of university management"

Priority Axis 1: "Education and training in support of economic growth and the development of the knowledge-based society"

Director: Ionuț Lambrescu, Oil and Gas University of Ploiești

6. Member of the target group in the research project - Sectoral Operational Program for Human Resources Development 2007-2013, Contract no. HRD / 86 / 1.2 / S / 61 878

Director: Gligor Ciortea, "Lucian Blaga" University of Sibiu.

Title: "Academic excellence in distance learning and part-time education - An approach to quality"

Priority Axis 1: "Education and training in support of economic growth and the development of the knowledge-based society"

7. Member of the target group in the research project - Sectoral Operational Program for Human Resources Development 2007-2013, Contract no. HRD / 86 / 1.2 / S / 63 951

Director: Dumitru Batâr, "Lucian Blaga" University of Sibiu.

Title: "Development and implementation of an integrated pilot program to increase access to higher education for people with disabilities"

Priority Axis 1: "Education and training in support of economic growth and the development of the knowledge-based society"

Major field of intervention 1.2 "Quality in higher education"

8. Member of the target group in the research project - Sectoral Operational Program for Human Resources Development 2007-2013, Contract no. HRD / 92 / 3.1 / S / 56330

Director: Robert Șova, Bucharest Academy of Economic Studies

Title: "Knowledge-Based Entrepreneurship Academy"

Priority Axis 3 "Increasing the adaptability of works and enterprises"

Major field of intervention 3.1 "Promoting entrepreneurial culture"

9. Member of the target group in the research project - Sectoral Operational Program for Human Resources Development 2007-2013, Contract no. HRD / 174 / 1.3 / S / 149 155

Title: "Teaching staff in the pre-university and university education system as a state-promoter of lifelong learning"

Activity 3.3: "Organizing and carrying out the professional development of the teaching staff in education, in support of lifelong learning".

10. Member in Contract no. 32801 / 28.04.2016, co-financed by the Sibiu Local Council and the Sibiu City Hall

Project coordinator: Maria-Mihaela Antofie, "Lucian Blaga" University of Sibiu.