

**LISTA PUBLICAȚIILOR REZULTATE ÎN URMA TEZEI DE DOCTORAT,  
PUBLICATE SUB AFILIERE UPT**

**Ing. Andreea-Floriana ENACHE**

**A. Lucrări științifice publicate în reviste indexate ISI**

1. A.F. Enache, M.L. Dan, A. Kellenberger, N. Vaszilcsin, "Anodic Oxidation of Sulphite in Alkaline Aqueous Solution on Graphite Electrode", Bulg. Chem. Commun., Vol. 49 Special Issue C, pp. 139-146, 2017.
2. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Anodic Oxidation of Sulphite in Alkaline Media on Platinum Nanoparticles Modified Nickel Electrode", Chem. J. Moldova., Vol. 12 (1), pp. 102-109, 2017.
3. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Electrochemical Oxidation of Sulphite in Neutral Media on Platinum Anode", Int. J. Electrochem. Sci., Vol. 13, pp. 4466 – 4478, 2018.

**B. Lucrări științifice publicate în volumele unor manifestări științifice și în reviste de specialitate indexate BDI**

1. A. Enache, M.L. Dan, N. Vaszilcsin, "Anodic Oxidation of Sulphite in Alkaline Solutions on Calcium Doped Cobalt Layered Perovskite Type 114 Electrode", Annals of Univ. Oradea, Fascicle Environm. Protection, vol. 25, pp. 185-192, 2015 (B+ - CABI, Directory of Research Journals Indexing, Academic Resource Index, Social Science Research Network).
2. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Sulphite Electrooxidation in Alkaline Media on Skeletal Nickel Based 3 Layers Platinum Nanoparticles Electrode. Voltammetric Studies", Annals of Univ. Oradea, Fascicle Environm. Protection, vol. 27 (2), pp. 237-244, 2016 (B+ - CABI, Directory of Research Journals Indexing, Academic Resource Index, Social Science Research Network).
3. A.F. Enache, N. Vaszilcsin, M.L. Dan, "Anodic Oxidation of Sulphite in Alkaline Solutions on Skeletal Nickel Electrode. I. Voltammetric Studies", Chem. Bull. "Politehnica" Univ. Timisoara, ROMANIA Series of Chemistry and Environmental Engineering, vol. 61(75) (1), pp. 12-17, 2016 (Index Copernicus, Chemical Abstracts Plus, Ulrich's Periodicals).
4. M.L. Dan, N. Vaszilcsin, A.F. Enache, "Anodic Oxidation of Sulphite in Alkaline Solutions on Skeletal Nickel Electrode II. Chrono – Amperometric, Potentiometric, Coulometric and Electrochemical Impedance Studies", Chem. Bull. "Politehnica" Univ. Timisoara, ROMANIA Series of Chemistry and Environmental Engineering, vol. 61(75) (2), pp. 58-65, 2016 (Index Copernicus, Chemical Abstracts Plus, Ulrich's Periodicals).
5. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Sulphite Electrooxidation in Alkaline Media on Skeletal Nickel Based 6 Layers Platinum Nanoparticles Electrode", Advanced Engineering Forum, Vol. 27, pp. 176-187, 2018, ISSN: 2234-991X. (Elsevier SCOPUS, Chemical Abstracts, Google Scholar)
6. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Sulphite Electrooxidation in Alkaline Media on Skeletal Nickel Based 6 Layers Platinum Nanoparticles Electrode", 4th International Conference Advances in Engineering & Management, Drobeta-Turnu Severin, Romania, 11/2016, pp. 89-91, ADEM 2016 - ISSN: 2537-4443.
7. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Voltammetric Studies on Anodic Oxidation of Sulphite in Alkaline Solutions on Smooth Nickel Based 3 Layers Platinum Nanoparticles Electrode", Proceedings of the Georgian National Academy of Sciences, Chemical Series, 43 (3), 2016, pp. 345-349, ISSN – 0132 – 6074 (Google Scholar).

### C. Lucrări științifice prezentate la manifestări științifice internaționale

1. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Anodic Oxidation of Sulphite to Sulphate", New Trends and Strategies in The Chemistry of Advanced Materials with Relevance in Biological Systems, Technique and Environmental Protection, 8<sup>th</sup> Edition, Timisoara, Romania, 06/2015.
2. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Anodic Oxidation of Sulphite on Graphite Electrode in Alkaline Media", 21<sup>nd</sup> International Symposium on Analytical and Environmental Problems, Szeged, Hungary, 10/2015, pp. 194-195.
3. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Skeletal Nickel Based 6 Layers Platinum Nanoparticles Electrode with Catalytic Effect for Anodic Oxidation of Sulphite in Alkaline Solution", 22<sup>nd</sup> International Symposium on Analytical and Environmental Problems, Szeged, Hungary, 10/2016, pp. 145-148, ISBN 978-963-306-507-5.
4. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Anodic Oxidation of Sulphite Ions on Smooth Nickel Based 1 Layer Platinum Nanoparticles in Alkaline Solution", 22<sup>nd</sup> International Symposium on Analytical and Environmental Problems, Szeged, Hungary, 10/2016, pp. 141-144, ISBN 978-963-306-507-5.
5. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Skeletal Nickel Electrodes with Catalytic Properties for Sulphite Anodic Oxidation in Alkaline Media", New Trends and Strategies in The Chemistry of Advanced Materials with Relevance in Biological Systems, Technique and Environmental Protection, 9<sup>th</sup> Edition, 09-10.06.2016, Timisoara, Romania, 06/2016, pp. 54, ISSN 2065-0760.
6. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Anodic Oxidation of Sulphite Ions in Neutral Media on Platinum Electrode", International U.A.B.- B.En.A Conference, Environmental Engineering and Sustainable Development, Alba Iulia, Romania, 05/2017, Book of Abstract, pp. 66, ISSN 2457-2829.
7. A.F. Enache, M.L. Dan, N. Vaszilcsin, "Anodic Oxidation of Sulphite Ions in Alkaline Media on Platinum Electrode", 20<sup>th</sup> Romanian International Conference on Chemistry and Chemical Engineering, Poiana Brasov, Romania, 09/2017.
8. A.F. Enache, M.L. Dan, R. Muntean, N. Vaszilcsin, "New Electrodes Based on Pt-Co Alloys Used as Anodic Materials for Sulphite Oxidation in Alkaline Fuel Cells", 7<sup>th</sup> International Conference on Advanced Materials and Structures - AMS 2018, Timisoara, Romania, IOP Conf. Series: Materials Science and Engineering 416, 2018.
9. A.F. Enache, M.L. Dan, M.A. Lăboșel, N. Vaszilcsin, "Cobalt Layered Perovskite Type  $Y_{0.5}Ca_{0.5}BaCo_4O_7$  as Anodic Material for Sulphite Oxidation in Neutral Media", 7<sup>th</sup> International Conference on Advanced Materials and Structures - AMS 2018, Timisoara, Romania, IOP Conf. Series: Materials Science and Engineering 416, 2018.

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