Drd.ing. NICULAE (TITA) MIHAELA

LISTĂ de LUCRĂRI

Reviste românești indexate în Emerging Sources Citation Index

1. Onuţu, I., **Tita, Mihaela,** *Soil contamination with petroleum compounds and heavy metals- case study*, Scientific Papers. Series E. Land Reclamation, Earth Observation &Surveying, *E nvironmental Engineering*, Vol. VII, 2018, 140-145. Print ISSN 2285-6064, CD-ROM ISSN 2285-6072, Online ISSN 2393-5138, ISSN-L 2285-6064.140 (poziţia 69).

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1. **Tita, Mihaela**, Onutu, Ion *and Doicin, Bogdan, Prediction of Total Petroleum Hydrocarbons and Heavy Metals, in Acid Tars Using Machine Learning, Applied Sciences. 2024, 14, 3382. https://doi.org/10.3390/app14083382. https://www.mdpi.com/journal/applsci
2. **Tita, Mihaela**, Tita, D., Onuțu, I., Chiș, T., Tarnu, L.I., Treatment of Acid Tars by Encapsulation to Reduce the Effects of Pollution on the Environment, WSEAS TRANSACTIONS on ENVIRONMENT and DEVELOPMENT, Volume 19, 2023, 1329-1345, DOI: 10.37394/232015.2023.19.120.
3. **Mihaela Nicolae (Tita),** Ion Onutu, Daniel Tita, Timur Chis, Bogdan Doicin, Contributions to assessment and remediation of acid tars lagoons, *STUDIAS UNIVERSITAS BABEŞ-BOLYAI, CHEMIA*, 2024 (in press).

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1. Onuţu, I., **Tita, Mihaela,** Cristiana Dumitran, Risk Assessment of Contaminated Land with Petroleum Compounds, *3rd International Colloquium Energy and Environmental Protection*, November 14th-16th, 2018, UPG. http://dspace.incdecoind.ro/handle/123456789/1369
2. **Tita , M.,** *Methods for stabilizing acid tar for acceptance into permanent storage,* HC Increasing Recovery Efficiency in the Mature Fields. Methods and Technology for Cooperation Good Business. Efficiency. Sustainability, *WPC EXPERT WORKSHOP BUCHAREST 2019. https://www.google.com/search?q=Mihaela+Tita%252C+Methods+for+stabilizing+acid+tar+for+acceptance+into+permanent+storage%252C+HC+Increasing+Recovery+Efficiency*
3. **Tita Mihaela,** Onuţu, I., Soil Contamination with Polycyclic Aromatic Hydrocarbons. Case study, *4 th International Colloquium Energy and Environmental Protection*, November 4th-6th, 2020, UPG Ploieşti
   https://www.academia.edu/en/73383179/Soil_Contamination_with_Petroleum_Compounds_and_Heavy_Metals_Case_Study
4. Onuţu, I., **Tita Mihaela**, Soil contamination with petroleum compounds and heavy metals- case study*, International Conference "Agriculture for Life, Life for Agriculture"*, 7-9 June, 2018
5. **Tita Mihaela**, Onuţu, I., Tita, D., Preliminary experimental studies regarding the identification and characterization of some oil residues/waste stored in refineries' storage lagoons in Romania, 5th International Colloquium Energy and Environmental Protection, 8th and 10th of November 2023, UPG Ploieşti.
   file:///C:/Users/Onu/Downloads/program_iceep_2023_final_ziua-de-9-noiembrie.pdf

Brevete Internaționale si Nationale

1. WO/2021/221524 COMPOSITION AND PROCESS FOR IN SITU TREATMENT OF ACID TAR AND CONTAMINATED SOIL, WO - 04.11.2021, Int.Class B09C 1/00 Appl.No PCT/RO2021/000002 Applicant TITA, Mihaela Inventor TITA, Mihaela.

2. Brevet de invenţie RO134684 Titlul inventiei: COMPOSITION AND PROCESS FOR STABILIZING AND ENCAPSULATING ACID TAR AND CONTAMINATED SOILIN SITU, BUCUREŞTI, 29.01.2021. Int.Class B09C 1/08 Appl. No 2020000217 Applicant TITA MIHAELA Inventor TITA MIHAELA https://patentscope.wipo.int/search/en/detail.jsf?docId=RO317608316&_cid=P12-KWDAL5-07438-1

3. Brevet de invenţie Nr. 1222910 Titlul inventiei: PROCEDEU DE PREPARAREA A UNOR DERIVATII DE FENOL IMPIEDICAŢI STERIC, UTILI CA ADITIVI ANTIOXIDANTI PENTRU COMBUSTIBILI AUTO, BUCUREŞTI, 30.04.2010.