

## LISTĂ DE LUCRĂRI

### Articole publicate în reviste indexate în baze de date:

1. Ștefan Petrache, Cristina Jugăstreanu, Timur Chiș, *Modeling of separation processes and chemical removal of paraffin*, International Journal of Scientific & Engineering Research, Volume 12, Issue 7, July-2021, ISSN 2229-5518;
2. Mihaï Petrache, Cristina Jugăstreanu, Timur Chiș, *Oil pollution of groundwater in Dobruja Area*, Quest Journals Journal of Research in Environmental and Earth Sciences Volume 7, Issue 7 (2021) pp: 50-61 ISSN(Online): 2348-2532 [www.questjournals.org](http://www.questjournals.org);
3. Ștefan Petrache, Cristina Jugăstreanu, Timur Chiș, *Numerical modeling of sulfur removal from waste gas from oil refining process*, International Journal of Engineering Research and Applications [www.ijera.com](http://www.ijera.com) ISSN: 2248-9622, Vol. 11, Issue 7, (Series-III) July 2021, pp. 12-16;
4. Cristina Jugăstreanu, Ștefan Petrache, Timur Chiș-*The Impact of Offshore Seismic Studies on the Marine Environment*, American Journal of Engineering Researchm vol. 10, Issue 8, pp:109-113, [www.ajer.org](http://www.ajer.org), E-ISSN 2320-0847,
5. Cristina Jugăstreanu, Ștefan Petrache, Timur Chiș, *Numerical modeling of oil pollution*, International Journal of Engineering Science Invention (IJESI), ISSN 2319-6734, Vol, 10, Issue 7, pp: 56-60,

### Articole susținute la conferințe indexate ISI:

1. Ștefan Petrache, Cristina Jugăstreanu, Timur Chiș, *Impact of natural radioactivity on the environment and the population during the exploitation of oil and gases deposits*, 21 st International Scientific Multidisciplinary Conference on Earth and Planetary Sciences SGEM 2021, 14-22.08.2021, Albena, Bulgaria;
2. Cristina Jugaătreanu, Ștefan Petrache, Timur Chiș, *Thermal Regime Analysis in areas with Hydrocarbon Potential*, 21 st International Scientific Multidisciplinary Conference on Earth and Planetary Sciences SGEM 2021, 14-22.08.2021, Albena, Bulgaria;
3. Prof. Dr. Timur Chiș, Drd. Ing. Ștefan Petrache, Dr. Ing.Olga Sapunaru, *The use of oil-cake (sunflower) in the depollution of petroleum infested water*, Geolinks Conference, Plovdiv, 17-18 May 2021.

### **Articole prezentate la conferințe internaționale:**

1. Petrache Mihai-Ștefan, *Problemele de mediu asociate activităților de abandonare a sondelor de exploatare hidrocarburi*, BALKANMINE 2015, 20-23 September 2015, Petroșani, România;
2. Petrache Mihai-Ștefan, *The Environmental Impact of NORM for an Oil and Gas Production Facility*, 2nd International Colloquium Energy and Environmental Protection, 9-11 November 2016, Ploiești, România;
3. Petrache Mihai-Ștefan, *The waste characterization for a spent adsorbent used for hydrogen sulfide removal from natural gas*, 3rd International Colloquium Energy and Environmental Protection, 14-16 November 2018, Ploiești, România.

### **Referate susținute în programul pentru elaborarea tezei de doctorat**

1. Radioactivitatea naturală asociată activităților onshore de explorare și exploatare a hidrocarburilor;
2. Managementul deșeurilor rezultate în urma desfășurării operațiunilor petroliere;
3. Investigarea și evaluarea mediului pentru siturile potential contaminate la finalizarea operațiunilor petroliere onshore.

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