

Listă lucrări

Bârsan Doru

Articole publicate în extenso

1. Mohammad R. S., **Barsan D.**, Chis T., Stoianovici D., Numerical Modeling of Ground Water Treatment through Ceramic Membranes, Engineering and Technology Journal e-ISSN: 2456- 3358, Volume 08, Issue 08, August , 2023, Page No.2635-2643, DOI: 10.47191/etj/v8i8.21, <http://everant.org/index.php/etj/article/view/1003/701>,
2. Dutu I., **Barsan D.**, Chis T., Modelarea câmpurilor de presiune și saturație, AL XX - lea SIMPOZION NAȚIONAL STUDENȚESC „GEOECOLOGIA” PETROȘANI, 12-13 mai 2023 <http://www.upet.ro/geoeco/>, ISSN 2559-2106 ISSN-L 1842-4430,
3. Oprea I., **Barsan D.**, Chis T., Nucleația criohidraților, AL XX - lea SIMPOZION NAȚIONAL STUDENȚESC „GEOECOLOGIA” PETROȘANI, 12-13 mai 2023 <http://www.upet.ro/geoeco/>, ISSN 2559-2106 ISSN-L 1842-4430,
4. Dutu I., Stoianovici D., Chis T., **Bârsan D.**, Sulaiman D. Transition zone analysis in petroleum formations with mixed or preferential water wettability, Journal of Energy Research and Reviews, 2023, 13(3), <https://doi.org/10.9734/JENRR/2023/v13i4269>,
5. Oprea, I., Stoianovici , D., Chis , T., **Bârsan , D.** , A New Relationship for the Prediction of the Formation of Gas Hydrate in Fluids Petroleum. Journal of Energy Research and Reviews, 2023 13(3), 41–60. <https://doi.org/10.9734/jenrr/2023/v13i3264>.

Articole prezentate la Conferințe și publicate în rezumat

1. **Bârsan,D**, Chis, T., Separation of water from natural gases , CHIMIA 2024, 30th of May – 1st of June 2024, Constanta, Romania, OVIDIUS UNIVERSITY PRESS, CONSTANȚA 2024 , ISSN 2360-3941,
2. **Bârsan, D.**, Cirjan D.O., Stoicescu , M, Treatment of hydrocarbon-polluted waters through oxygen and ozone nanobubble technology , CHIMIA 2024, 30th of May – 1st of June 2024, Constanta, Romania, OVIDIUS UNIVERSITY PRESS, CONSTANȚA 2024 , ISSN 2360-3941,
3. **Bârsan, D.**, Chiș, T., Prodea, L., Water separation in natural gas pipelines, SICHEM 2024, Bucharest, 11-12.04.2024, ISSN 2537-2254, 80-81,
4. Helstern M, **Bârsan D.**, Sandu T., Efficiency of polymer treatment of deposits to increase the ultimate recovery factor, 75 Years of Energy and Performance in Education and Research 2023 Renewable Versus Fossil Fuels. Global Energy Perspectives, Ploiesti 9.11.2023, Book of abstracts, Editura Universității Petrol-Gaze din Ploiești, 2023, ISBN 978-973-719-887-7.
5. Sandu T., Helstern M., **Bârsan D.**, Chis T., Use of artificial neural network to oil recovery by CO₂ injection, SICHEM 2022, Book of Abstract, ISSN 2537-2254, 17-18 November, 2022,
6. **Bârsan D.**, Sandu T., Helstern M., Chis T., Mathematical modeling by water recovery to natural gas extraction to artificial neural networks, SICHEM 2022, Book of Abstract, ISSN 2537-2254, 17-18 November, 2022,
7. Iancu D., Stoianovici D., **Bârsan D.**, Chis T., A life cycle of Romanian oil offshore platforms, SICHEM 2022, Book of Abstract, ISSN 2537-2254, 17-18 November, 2022,

8. Bănică M, Avram L., **Bârsan D.**, Chis T, A life cycle of Romanian oil pipelines, SICHEM 2022, Book of Abstract, ISSN 2537-2254, 17-18 November, 2022
9. Mohammad R.S., **Bârsan D.**, Stoianovici D., Chis T., Numerical modeling of ground water treatment through ceramic membranes, SICHEM 2022, Book of Abstract, ISSN 2537-2254, 17-18 November, 2022,
10. Helstern M., Sandu T., **Bârsan D.**, Chiş T., Application of nanoparticles in oil recovery, SICHEM 2022, Book of Abstract, ISSN 2537-2254, 17-18 November, 2022,
11. Sandu T., Helstern M, **Bârsan D.**, Chiş T., Numerical modeling of CO₂ adsorption in aqueous-alkanolamine solutions- EmergeMAT, 5TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES IN MATERIALS ENGINEERING 27-28 October 2022, Bucharest, Romania ISSN 2602-0424 ISSN-L 2602-0416,
12. **Bârsan D.**, Sandu T., Helstern M, Chiş T., Use of composite materials to reduce the water content of extracted natural gas, EmergeMAT, 5TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES IN MATERIALS ENGINEERING 27-28 October 2022, Bucharest, Romania ISSN 2602-0424 ISSN-L 2602-0416,
13. Helstern M, Sandu T., **Bârsan D.**, Chiş T., Numerical modeling of calcium hydroxide sulphation, EmergeMAT, 5TH INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES IN MATERIALS ENGINEERING 27-28 October 2022, Bucharest, Romania ISSN 2602-0424 ISSN-L 2602-0416,
14. Sandu T., Helstern M, **Bârsan D.**, Chiş T., Determination of the minimum miscibility pressure (M.M.P.) of some crude oils from Romania, 22nd Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, ROMANIA - September 7 – 9, 2022,
15. **Bârsan D.**, Helstern M, Sandu T., Chiş T., Drying of gases in droplet separators, 22nd Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, ROMANIA - September 7 – 9, 2022,
16. Helstern M, **Bârsan D.**, Sandu T., Chiş T., Effect of polymer additives on the distillation of paraffinic crude oils, 22nd Romanian International Conference on Chemistry and Chemical Engineering, Sinaia, ROMANIA - September 7 – 9, 2022,