

LISTĂ de LUCRĂRI

Drd.ing. DAMAȘCAN (DAMAȘCAN-ARMEGIOIU) D.A. ALEXANDRA CĂTĂLINA

A. Articole prezentate la Conferințe internaționale și publicate în volume

1. Ameer A. J., Gaspar R., **Damascan A.**, The current state of research on the optimization of natural gas distribution , *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,
2. **Damascan A.**, Albulescu M., Stoianovici D. The use of nodal analysis in two-phase transport from exploitations of gas fields, *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,
3. Eparu Cr. , Stoica D., **Damascan A**, Simescu B., Radulescu R., Albulescu M, Analysis of flow dynamics in a biphasic transmission network, *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,
4. Simescu B., Albulescu M, **Damascan A**, Prundurel A. , Underbalance well completion in mature gas fields, part of production rehabilitation concept, *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.

B. Reviste indexate în B.D.I.

1. **Damascan A.**, Albulescu M., Chis T.,(2022). The Mathematical Modeling of the Flow Variation of Natural Gas Extraction Wells Depending on the Diameter of the Mixing Pipe, *Engineering and Technology Journal*. Vol.7, Issue 9, pp. 1477-1482, <http://everant.org/index.php/etj/article/view/701>,
2. **Damașcan, A. C.**, Albulescu, M., Stoianovici, D (2022). The Influence of the Perforation Density and Damaged Zone Permeability on a Gas Well Production. *Romanian Journal of Petroleum & Gas Technology VOL. III (LXXIV), No. 2/2022* , pp. 65-76, http://jpgt.upg-ploiesti.ro/wp-content/uploads/2022/12/07_Articol-jurnal-UPG-nr-2_2022_RJPGT_art_Damascan_etal.pdf ,
3. **Damașcan, A. C.**, Albulescu, M., Stoianovici, D., Bârsan, D. (2023). Artificial intelligence simulation of multiphase fluid flow through extraction pipes , *Romanian Journal of Petroleum & Gas Technology VOL. IV (LXXV), No. 2/2023* pp. 201-210, http://jpgt.upg-ploiesti.ro/wp-content/uploads/2023/12/20_RJPGT-damascan-2-2023-en.pdf.