

## Lista de lucrări

### Articole publicate în jurnale cotate ISI:

1. Enache F., Cursaru D., Danulescu D., *The integration of Wet Scrubbing System and SOx additive technologies to reduce the SO<sub>2</sub> emissions generated in FCCU*, Chemical Papers 76, p. 6537-6549, 2022. <https://doi.org/10.1007/s11696-022-02335-5>. IF 2021 = 2.146.
2. Enache F., Danulescu D., Bolocan I., Cursaru D., *The reduction of FCCU afterburning through process optimization and regenerator revamping*, Chemical Industry & Chemical Engineering Quarterly 28 (2), p. 115-126, 2022. <https://doi.org/10.2298/CICEQ210430023E>. IF 2021 = 0.925.

### Prezentarea rezultatelor obținute în cadrul conferințelor internaționale:

1. Enache F., *Optimization and Integration of FCC Technologies to Reduce the Particulates Emissions*, 4<sup>th</sup> International Colloquium Energy and Environmental Protection, Petroleum-Gas University of Ploiesti, Romania, November 4<sup>th</sup> 2020. <http://tppconferinte.upg-ploiesti.ro/2020/>.
2. Enache F., *Utilization of e-cat flushing to control metal contamination and/or in emergency situation caused by cyclones failure*, RefComm Rotterdam, Netherlands, 30.09. – 03.10.2019. <https://refiningcommunity.com/presentation/utilization-of-fcc-e-cat-flushing-to-control-metal-contamination-and-or-in-emergency-situations-caused-by-cyclone-failure/>.
3. Enache F., *Improve FCCU profitability by selecting the proper catalyst*, BASF FCC Conference, Lisbon, Portugal, 18 – 20 September 2019.
4. Enache F., *Reduction of SOx, NOx and particulates emissions generated in FCCU*, 3<sup>rd</sup> International Colloquium Energy and Environmental Protection, Petroleum-Gas University of Ploiesti, Romania, November 14<sup>th</sup> 2018.

5. Enache F., Bothsa J., Eagleson S., *FCC Flue Gas Treatment by implementing BELCO Wet Scrubbing Technology*, RefComm Valencia, Spain, 1 – 4 October 2018. <https://refiningcommunity.com/presentation/fcc-flue-gas-treatment-by-implementing-belco-wet-scrubbing-technology/>.
6. Enache F., Ventham T., *Implementing FCC SO<sub>x</sub> reduction with Additives Upstream of a Wet Gas Scrubber at a European Refinery*, European Refining Technology Conference (ERTC), Lisbon, Portugal, 14 – 16 November 2016.
7. Enache F., *Economical and technical evaluation of effects of contaminant Ni and V on FCC Ecat*, 2<sup>nd</sup> International Colloquium Energy and Environmental Protection, Petroleum-Gas University of Ploiesti, Romania, November 10<sup>th</sup> 2016.
8. Enache F., *FCC Flue Gas Emissions Control implemented by Petrotel-Lukoil*, BASF European FCC Seminar, Lake Orta, Italy, 30.09. – 02.10.2015.

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