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Indicative publications:

1. E. Emmanouilidou, S. Mitkidou, A. Agapiou and **N.C. Kokkinos** (2023), *Solid waste biomass as a potential feedstock for producing sustainable aviation fuel: A systematic review*, Renewable Energy, vol. 206, pp. 897–907, https://doi.org/10.1016/j.renene.2023.02.113.
2. Fotios N. Zachopoulos, **Nikolaos C. Kokkinos** (2023), *Detection methodologies on oil and gas kick: a systematic review*, International Journal of Oil, Gas and Coal Technology, vol. 33, issue 1, doi: 10.1504/IJOGCT.2022.10052066.
3. **N. C. Kokkinos** (2022), "Alternative Refinery Process of Fuel Catalytic Upgrade in Aqueous Media", In: Gabriele Di Blasio, Avinash Kumar Agarwal, Giacomo Belgiorno, Pravesh Chandra Shukla (Eds.), "Clean Fuels for Mobility", Chapter 4, Springer Nature, ISBN 978-981-16-8747-1, Singapore, pp. 59-76, https://doi.org/10.1007/978-981-16-8747-1.
4. **Nikolaos C. Kokkinos** (2021), *Modeling and simulation of biphasic catalytic hydrogenation of a hydroformylated fuel*, International Journal of Hydrogen Energy, Vol. 46, issue 37, pp. 19731-19736, https://doi.org/10.1016/j.ijhydene.2020.09.082.
5. **Nikolaos C. Kokkinos**, Nikolaos Nikolaou, Nikolas Psaroudakis, Konstantinos Mertis, Sophia Mitkidou, Athanassios C. Mitropoulos (2015), *Two-step conversion of LLCN olefins to strong anti-knocking alcohol mixtures catalysed by Rh, Ru/TPPTS complexes in aqueous media*, Catalysis Today, Vol. 247, pp. 132–138.
6. **N. Kokkinos**, A. Mitropoulos, N. Nikolaou (2015), *An environmentally benign catalytic process enhances in situ the quality of gasoline*, Paper number: SPE-177687-MS.
7. **Nikolaos C. Kokkinos**, Evaggelia Kazou, Anastasia Lazaridou, Christos Papadopoulos, Nikolas Psaroudakis, Konstantinos Mertis, Nikolaos Nikolaou (2013), *A potential refinery process of light-light naphtha olefins conversion to valuable oxygenated products in aqueous media - Part 1: Biphasic hydroformylation,* Fuel, Vol. 104, pp. 275-283.
8. Christos E. Papadopoulos, Anastasia Lazaridou, Asimina Koutsoumba, **Nikolaos Kokkinos**, Achilleas Christoforidis, Nikolaos Nikolaou (2009), *Optimisation of cotton seed biodiesel quality (critical properties) through modification of its FAME composition by highly selective homogeneous hydrogenation*, Bioresource Technology, Vol. 101, issue 6, pp. 1812–1819.