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SHORT BIO:

Tesser Riccardo

Industrial Chemistry Master Degree at the University of Napoli in 1989. Ten years of industrial experience in Montefibre Research Centre (NA) developing research activities and technological improvements on dimethyl terephthalate production and batch and continuous PET polymerization. Actually, he got Full Professor position at the Chemical Sciences Department of the University of Naples "Federico II" in Industrial Chemistry.

Main fields of research are industrial catalysis and kinetic studies, reaction and reactor modeling of multiphase systems, kinetic investigation of catalytic reactions, optimization algorithms in chemical engineering, design and realization of lab-scale pilot plants. More recently, his main field of activity has been in biofuels production and the use of renewable resources as raw materials for the chemical industry and in Monte Carlo simulation of chemical reactions.

Bibliometric data: 197 papers, 3 books, 8 book chapters; 20 italian patents, 16 international patents; *h*-index = 40; 6156 total citations by 4676 documents; citations per paper (avg): 31.2; scopus database: 7004607875; ORCID: <https://orcid.org/0000-0001-7002-7194>; WOS Research id: AAK-6049-2020