

## Siglinda PERATHONER



Siglinda PERATHONER gained her PhD in Chemical Science in 1988 working on the photophysics and photochemistry of supramolecular systems with V. Balzani and Nobel Laureate J.M. Lehn. From 2001 she joined the University of Messina and is full professor of Industrial Chemistry presently. She has coordinated many EU projects, and is currently coordinator of the EU project OCEAN on new industrial electrocatalytic paths of CO<sub>2</sub> conversion. She has been active for over 30 years in the field of catalysis and author of about 400 publications, including several in the top 1%, and several communications to international congresses, as well as co-editor of books or special issues of international journals of catalysis. In addition, she is co-author of several highly cited works in international journals and has been chair of various international conferences, workshops and symposia on catalysis. She is the editor of the Wiley VCH book "Sustainable Industrial Chemistry", of the Wiley & Soon book "Green Carbon Dioxide: Advances in CO<sub>2</sub> Utilization" and of the Elsevier book "Horizons in Sustainable Industrial Chemistry and Catalysis". She has contributed to various encyclopedias, including "Reduction of greenhouse gas emissions by catalytic processes" in the Handbook of Climate Change Mitigation and "Artificial Leaves" in the Kirk-Othmer Encyclopedia of Chemical Technology. She was co-chair of Europacat 2017, an important event in the catalysis community. The current h-index is 67 (43 from 2015), over 17,000 citations (Google Scholar), and i<sub>10</sub>-index of 242. Prizes and awards include the Special Award in 2008 from "Altran Foundation for Innovation", for the project on the development of artificial leaves for CO<sub>2</sub> conversion, the finalist position in 2010 for the European Sustainable Chemistry Award (EuCheMS), the participation in 2011 the film "NanoInLife" produced by the European Commission to show the results of nanotechnology to the public. Her research interests include nanostructured oxides and nanocarbon materials for heterogeneous, photo- and electro-catalytic applications.

Web page: <http://ww2.unime.it/catalysis/recent.html>