

Nicola Armaroli got the MS degree in chemistry in 1990 (Laurea) and the PhD in chemical sciences in 1994 from the University of Bologna. He was a post-doc at the Center for Photochemical Sciences at Bowling Green State University (Ohio, USA) and at the Italian National Research Council (CNR). In 1997 he started his own research projects at CNR, establishing several international collaborations. He became Senior Research Scientist in 2002 and Research Director in 2007. He is Fellow of the Royal Society of Chemistry (FRSC).

His scientific activity is concerned with the **photochemistry and photophysics** of coordination compounds, carbon nanostructures and supramolecular materials, with focus on luminescence, light harvesting, and photoinduced energy- and electron-transfer. Over his career he has carried out influential work in the fields of photochemistry of complex systems (catenanes, knots, rotaxanes, dendrimers), light-induced molecular motions, Cu(I) complexes, multicomponent assemblies containing fullerenes, luminescent coordination compounds and supramolecular photoactive nanomaterials. This research is of interest both in fundamental science and technological applications such as **solar energy conversion, novel materials for lighting and catalysis**.

To date he has published over 190 papers on international peer-reviewed journals, 7 books, 10 book chapters, 8 conference proceeding papers, 18 articles on Italian journals. With an [h-index of 66](#), he is [listed among the most cited Italian scientists](#). Since 2018 he has been elected member of the Executive Board of the European Chemical Society ([EuChemS](#)), where he served as chairman of the [Working Party on Chemistry and Energy](#) (2011-2017). He is Associate Editor of [Photochemical & Photobiological Sciences \(RSC\)](#), member of the Editorial Board of [Chemistry-A European Journal \(Wiley-VCH\)](#) and [Polyhedron \(Elsevier\)](#).

He has given invited lectures at international conferences, universities and research centers worldwide and serves as referee for the most important scientific editors as well as for national and international funding agencies and private companies and foundations. He has run European projects as CNR principal investigator or coordinator in the frame of COST, FP5, FP6, FP7 and H2020 programmes, funded by the European Commission.

Nicola Armaroli is also an active consultant and science communicator for the public at large on the issues of energy, natural resources and environment, also through interviews and contributions on mass media. He serves as director of [Sapere](#), the first Italian science periodical, [established in 1935](#).

He was awarded the **Grammaticakis-Neumann International Prize** in Photochemistry (2001), the **Premio Letterario Galileo** for science dissemination (2009), the **Gold Metal Enzo Tiezzi of the Italian Chemical Society** (2017), the **Premio Madesimo** (2017).

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Scopus: <https://www.scopus.com/authid/detail.uri?authorId=7003513638>

ISI-WoS: <http://www.researcherid.com/rid/B-9094-2009>