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Professor J.R. Morante has been full professor at the Faculty of Physics at the University of Barcelona since 1985. Since 2009 he has been director of the area of advanced materials for energy at the Institute for Energy Research of Catalonia, IREC, and since 2015 he has been director of this public research institute. <https://www.irec.cat/>

He has previously been Vice Dean and Dean of the Faculty of Physics at the University of Barcelona, director of the Department of Electronics at this university, head of studies in Electronic Engineering. Currently, his activities focus on the introduction of renewable energies and the environmental impact of energy. Likewise, he is involved in the deployment of the decarbonization processes and new energy carriers such as hydrogen, biomethane or synthetic fuels for a sustainable mobility, a decarbonized industry, as well as cities.

He has co-authored more than 600 publications with more than 38.000 citations (GS) with h factor 105. He has 24 patents, has been director of 56 doctoral theses, has participated/coordinated in numerous projects of different international and industrial programs (> 60) and has been distinguished with the Narcís Monturiol medal from the Generalitat de Catalunya. He has been editor chief in several journals and he has been president of the European Materials Society.