



# Andres Castellanos-Gomez

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Andres Castellanos-Gomez is a Tenured-Scientist at the Spanish National Research Council (Consejo Superior de Investigaciones Científicas, CSIC) since 2017. He authored more than 150 articles in international peer review journals and 6 book chapters. According to Google Scholar, A. Castellanos-Gomez has an h-index of 63, with a total number of citations above 22,000.

He explores novel 2D materials and studies their mechanical, electrical and optical properties with special interest on the application of these materials in nanomechanical and optoelectronic devices. Part of his work can be considered as pioneering in the field of 2D materials beyond graphene as he has reported some of the early works on novel 2D materials like MoS<sub>2</sub>, black phosphorus, TiS<sub>3</sub> and franckeite. Among his achievements, his works on strain engineering of 2D semiconductors and on photodetectors based on 2D materials are considered seminal works by the community.

He was awarded an ERC Starting Grant in 2017 and has been appointed Fellow of the International Association of Advanced Materials (IAAM) in 2020. He was included in the Emerging Leaders 2020 special issue of the Journal of Physics: Materials, included in the Highly Cited Researchers 2018, 2019, 2020 and 2021 lists of Clarivate/WOS. He was selected as one of the 2018 Emerging Investigators by Chemical Society Reviews and selected as one of the Top Ten Spanish Talents of 2017 by the MIT Technology Reviews.

He was also recognized with the Young Researcher Award (experimental physics) of the Royal Physical Society of Spain (2016).