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CV: Dr. Murilo Santhiago is a researcher at the Brazilian Nanotechnology National Laboratory (LNNano), part of the Brazilian Center for Research in Energy and Materials in Campinas, Brazil. He earned his bachelor's in chemistry from Federal University of Santa Catarina in 2007 and completed his master's (2010) and PhD (2014) at University of Campinas (UNICAMP), including an internship at Colorado State University (CSU) in Fort Collins-CO focusing on flexible electrochemical devices. He later conducted postdoctoral research on microfluidics and 2D materials, and was a visiting researcher at INL in Portugal (2019), developing electrodes for energy applications. In 2020, he received support from the Serrapilheira Institute to study the impact of chemical defects on 2D materials for hydrogen evolution reaction (HER). Since 2020 he has been named as an outstanding young researcher by many journals: Nanoscale (Nanoscale 2022 Emerging Investigators), Analytical and Bioanalytical Chemistry (Young Investigators in (Bio-)Analytical Chemistry 2023), and ACS Measurement Science Au (2023 Rising Stars). His main research interests are flexible electrochemical nanodevices, cellulose-based devices, micro-nanofabrication, and 2D materials applied to energy, environment, and health.

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