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He was born in the BEJAAD, Morocco, in 1990. He obtained his Master's degree in Computer Physics from Mohammed V University, Faculty of Science in Rabat, Morocco, in 2014. In 2018, he successfully defended his national Ph.D. thesis in Physics, specializing in Materials Physics and Condensed Matter, at Mohammed V University, Faculty of Science in Rabat, Morocco. He is currently a Professor in the Physics Department at the Faculty of Science at Mohammed V University in Rabat, where he is a member of the Research Center for Energy, in the Semiconductor and Environmental Sensors Technology (STCE) team. His research interests cover a wide range of topics, including transparent conductive oxide thin films for optoelectronic devices, chalcogenide thin films for photovoltaic applications, rare-earth semiconductors for spintronic devices, semiconductor materials for photocatalytic applications, as well as functional thin-film materials such as perovskite and delafossite for optoelectronic and photovoltaic applications. He is also involved in the simulation of photovoltaic solar cells using the SCAPS software and precision agriculture.