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Albert Romano-Rodríguez is a Professor in electronics at Universitat de Barcelona. He is active in the fields of characterisation of semiconducting materials and fabrication processes by using different structural, physical and chemical characterisation techniques, in the development of electronic materials for solar cells and in the design, fabrication and testing of different kinds of micro and nanosystems for physical and chemical sensors, with special emphasize in the fabrication of nanosensors based on nanowires towards the development of ultra-low power gas sensing systems based on these materials. He has authored over 180 peer-reviewed scientific and technical papers and has presented 15 invited talks at national and international conferences.