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Her research activity is devoted to the comprehension of the structural properties of Si, SiC and Ge-based thin films and nanostructured materials. She is co-author of about 90 scientific papers, 4 chapters of books dedicated to silicon microphotonics and editor of two thematic series (Beilstein Journal of nanotechnology and Physica Status Solidi a). Her h-index is 24 (source: Google Scholar). Since 2016 she has been general chair of the 6th and 7th International Conference on Nanostructures and Nanomaterials Self-assembly (NanoSEA) and two EMRS symposia (2017 and 2019).