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Prof. Dr. Anatolie Sidorenko is expert in the field of nanotechnologies and functional nanostructures. He is leading researcher of Institute of Electronic Engineering and Nanotechnologies, Technical University of Moldova, coordinator of a number of international projects, organizer and director of a series of thematic conferences with logo “NANO” (NANO-2007, NANO-2009, NANO-2011, NANO-2013, NANO-2015, NANO-2019, NANO-2024), author of over 500 scientific publications, 62 patents, the editor of 5 books published in “Springer”:

- Anatolie Sidorenko and Horst Hahn, Functional Nanostructures and Sensors for CBRN Defence and Environmental Safety and Security. Springer, 2021,
- A. Sidorenko, Functional Nanostructures and Metamaterials for Superconducting Spintronics. Springer, 2018,
- A. Sidorenko, Fundamentals of Superconducting Nanoelectronics. Springer, 2011,
- H. Hahn, A. Sidorenko, I. Tiginyanu, Nanoscale Phenomena: Fundamentals and Applications. Springer, 2009,
- R. Gross, A. Sidorenko, L. Tagirov, Nanoscale devices – fundamentals and applications. Springer, 2006.

He is member of editorial board of Beilstein Journal of Nanotechnology (BJN, Germany), being the editor of 4 thematic series “Functional Nanostructures” of BJN, associated editor of Moldavian Journal of the Physical Sciences, vice-president of Moldavian Physical Society, full member of Moldavian Academy of Sciences, member of Deutsche Physikalische Gesellschaft (DPG), full member of the Euro Mediterranean Academy of Arts and Sciences (EMAAS).

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