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His research interests include numerical techniques and computer modelling with applications in biomedical technology and telecommunications, as well as therapeutic applications and safety of non-ionizing radiation. He is the (co-)author of more than 120 papers (ORCID: 0000-0003-0170-4520) in peer-reviewed journals and proceedings (h-index 24; total citations > 1700; source SCOPUS).

He has been serving as a reviewer for several journals and funding organizations and as the national representative to European research co-ordination COST actions (BM0704, BM1309, TD1104, CA17115) and standardization committees (IEC TC106). He is currently member of the European Commission's Scientific Committee on Health, Environmental and Emerging Risks (SCHEER) and has been elected twice in the Council of the European Bioelectromagnetics Association (EBEA) and in the Board of the European Society for Hyperthermic Oncology (ESHO).