He was graduated from the Department of Chemistry, Technical University of Wrocław (1956), 1960 – doctoral degree, 1965 – habilitation, 1974 – professor of technical sciences. Assistant in the Institute of Organic Chemistry in Wrocław (1955-1956), head of the laboratory in the Institute of Synthetic Fibers in Jelenia Góra and Gorzów Wielkopolski (1956-1958), technologist in the Artificial Fibers Plants "Stilon" in Gorzów Wielkopolski (1958-1959), head of Polymer Physic Laboratory in the Institute of General Chemistry in Warsaw (1959-1967). Since 1967 employee of IPPT PAN in the docent position, and next in the position of associate professor since 1974 and full professor in the years 1988-2003. He created the school of polymer physics in IPPT PAN in the field of fundamental research on polymer structure formation and properties of polymeric materials. Lectured polymer physics at the Warsaw University, Department of Physic (1967-1969). He was visiting professor in the Department of Polymer Chemistry, Kyoto University (1981-1982) and in the Department of Chemical Engineering, University of Palermo (1992). Scientific authority in the field of structure formation and properties of polymers in technological processes, in particular in processes of fiber formation. Author of books on the fundamentals of fiber science and over 200 scientific publications. Member of European Physical Society, The Society of Rheology, International Committee of Rheology, International Society for the Interaction between Mathematics and Mechanics, Polish Chemical Society, Polish Physical Society, Polish Society of Theoretical and Applied Mechanics. Member of the editorial committees of Journal of Non-Newtonian Fluid Mechanics, Journal of Rheology, Fiber World, Fibres in Eastern Europe. Honoured with the S.G. Smith Medal of the Manchester Textile Institute, Zawidzki Medal of the Polish Chemical Society, Knight's Cross of the Order of Polonia Restituta, Golden Cross of Merit.