

Nenad Janković is a senior research associate at the Department of Sciences, Institute of Information Technologies, University of Kragujevac. His scientific opus is focused on finding sustainable synthetic routes in multicomponent syntheses of various heterocyclic compounds and their copper, palladium, and ruthenium complexes. Part of his research was directed toward examining their biological activities, and mechanisms of action, as well as covalent and non-covalent interactions of synthesized heterocyclic pharmacophores with biomolecules. The application of ionic liquids as solvents and/or catalysts in organic synthesis and medicinal chemistry is also part of his research line. Dr. Janković made a significant contribution in developing and promoting Bidjinelli's chemistry in terms of molecular diversity and potential application in the pharmaceutical industry and nanomaterials chemistry. So far, he has published 50 scientific papers in journals from the SCI list, which have been cited over 500 times. He participated in several international projects, including the current COST-NECTAR action. He is the mentor of a defended dissertation. He is currently mentoring the preparation of two doctoral dissertations. He is the winner of the SHD Medal for achievements in science for 2020.