

Prof. Dr. Cengiz KAYA

Dr. Cengiz Kaya, is a faculty member at Metallurgical and Materials Engineering Department in the Faculty of Chemistry and Metallurgy of Yıldız Technical University. He has received his BSc and MSc degrees from Istanbul Technical University in 1988 and 1992, respectively in the area of Metallurgical and Materials Engineering. In 2000, he has received his PhD degree from The University of Birmingham (England) in the area of nanostructured ceramic matrix composites. He carried out his post doctoral studies at the University of Birmingham in the Interdisciplinary Research Center (IRC) in Materials Processing from 1999 to 2003 conducting research on synthesis and applications of various nanomaterials. He served as a board member at the London Materials Society from 2003 to 2006. He has worked as assistant Professor, associate Professor and Professor at Yıldız Technical University of Istanbul, Turkey from 2004 to 2016. He has also worked as a Professor at Sabancı University at the Materials Science and Nanoengineering department and also served as Director of research and Graduate Policies (RGP) from 2016 to 2020. He is currently holding 2 international and 5 national patents. He has published 78 research articles in high impact factor SCI journals in the area of ceramic composites, engineering ceramics, extrusion of multiphase ceramics, synthesis of nanostructures and coatings of functional materials. He has written two international book chapter on nanomaterials deposition and boron carbide. Dr. KAYA has more than 85 papers presented at international conferences as well as 13 invited talks on nanomaterials. He has received more than 3000 citations on his SCI publications. His current activities include synthesis of various nanostructures, such as tubes, plates, boron carbide and flakes for biomedical, shielding, engineering and storage applications. Recently, he has been leading multidisciplinary projects funded by TUBITAK (The Scientific and Technological Research Council of Turkey) in the area of “low temperature synthesis of boron carbide fibers and particles and its polymer matrix composites for shielding applications”