

Main areas of interest, study and research

- Materials science
- Welding and welded joints
- Structural analysis
- Finite element method
- Computer aided design
- Fracture mechanics
- Continuum mechanics

Consultant for

- Finite element method, structural analysis fracture mechanics application and structural integrity analysis
- Welding procedure specification, material and weldment testing
- Failure analysis

Results

- Published close to 1,000 scientific papers (<https://scholar.google.com/citations?hl=en&user=fVhl6GEAAAJ> - h=38, 7749 citations on 3.4.2026)
- Published more than 200 papers in ISI journals with more than 5000 citations (<https://www.scopus.com/pages/citationOverview?authorIds=6603602099&origin=AuthorNamesList> - h=34, 5094 citations on 3.4.2026)
- Supervisor of 64 Ph.D. thesis and 35 M.Sc. thesis