연구 분야
- Web Platform
  Energy-efficient multi-core architecture
  Large-scale image retrieval
  Wireless networks and security
  Next-generation mobile and ubiquitous platforms

- Web Contents Processing and Utilization
  Service-oriented, semantically based Web content analysis
  Experience & knowledge mining
  Ontology modeling
  Web content protection, data privacy, and integrity authentication
  Computational creativity as a web service
  Human-centered big data analysis

- Human-centered Web Exploration
  User Behavior Prediction
  User Interaction Change
  Information Diffusion
  Community Analysis & Evolution Model
  Network Evolution
  Web User Rating Analysis
  Niche Market Construction on the Web

- Web Software Engineering
  Quality and dependability of Web service based systems
  Model-driven software development & empirical software analysis
  Mashups & end-user programming