

# Research Interest

1. Magnetophotonic crystals and photonic crystals
2. Surface Plasmon resonance and enhanced Magneto-optical rotation (Magneto-plasmonic)
3. Isolators
4. Pulsed Laser Deposition of thin films and multilayer systems
5. All optical gates
6. Nanophotonics
7. Magnetic Nanowires
8. Magnetic nanoparticles
9. Microwave filters