



Seyed Ehsan Roozmeh

Address: Department of Physics, Faculty of Science, University of Kashan,
P.O.B 87317-51167, Kashan, Iran
E-Mail: roozmeh@kashanu.ac.ir
Web: <https://faculty.kashanu.ac.ir/roozmeh>
Tel.: +98-31-55912568

EDUCATION

Ph.D. condensed matter physics, Shahid Beheshti University, 2006

M.Sc. solid state physics, Shahid Beheshti University, 1994

B.Sc. Physics teacher, kashan University, 1990

RESEARCH INTERESTS

- Magneto impedance effect
- Solid state physics
- Experimental optics

PUBLICATIONS

Journal Papers

- 1) Structural characterization and magnetoimpedance effect in amorphous and nanocrystalline AlGe-substituted eSiBNbCu ribbons
- 2) Magnetoimpedance effect in laser annealed Co₆₈:25Fe₄:5Si₁₂:25B₁₅ amorphous ribbons
- 3) Magnetoimpedance effect in current annealed Co-based amorphous wires
- 4) Effect of magnetic field-current annealing on the magnetoimpedance of Co-based ribbons
- 5) Study of magnetoimpedance effect of Co-based amorphous ribbons after current annealing at various kinds of ambient pressure
- 6) The effect of mechanical polishing on current annealed Co₆₇Fe₅Si₁₅B₁₃ amorphous ribbons: magnetoimpedance response
- 7) Structural Characterization and Magnetoimpedance Effect of Current Annealed Co-Based Amorphous Ribbons at Different Ambient
- 8) Asymmetric magnetoimpedance effect in CoFeSiB amorphous ribbons by combination of field and current annealing for sensor applications
- 9) Magnetoimpedance exchange coupling in different magnetic strength thin layers electrodeposited on Co-based magnetic ribbons
- 10) Current-driven second-harmonic domain wall resonance in ferromagnetic metal/nonmagnetic metal bilayers: A field-free method for spin Hall angle measurements
- 11) Spin-orbit-torque driven magnetoimpedance in Pt-layer/magnetic-ribbon heterostructures
- 12) Controlling Magnetization of Gr/Ni Composite for Application in 2 High-Performance Magnetic Sensors
- 13) اثر تابش پرتوهای گاما بر نامتقارنی امپدانس مغناطیسی بزرگ آلپاز آمورف Co_{68.15}Fe_{4.35}Si_{12.5}B₁₅

Conference Papers

- 1) Observation of structural change and magnetoimpedance response of laser annealed co-based ribbon Bratislava.Slovakia
- 2) Comparing of induced microstructure in current annealed amorphous co-based wire and ribbon Bratislava.Slovakia
- 3) Magnetoimpedance effect in amorphous and nanocrystalline AL-Ge substituted FeBNbCu ribbon Moscow
- 4) Effect of magnetic field-current annealing on the magnetoimpedance of co-based ribbons Gijón, Spain

