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Education

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Turkey 2024 - Continues

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Fizik, Turkey 2021 - 2024

Undergraduate, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, Turkey 2015 - 2021

Research Areas

Physics, Mathematical Methods in Physics, Statistical physics, thermodynamic and nonlinear dynamic systems, Magnetic Properties and Materials, Natural Sciences

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Er²⁺O³⁺-Doped Lead Borate Glasses: Advanced Optical and Radiation Shielding Performance**
Abouhaswa A. S., PERİŞANOĞLU U., SALTİK S., EKİNCİ N., Nasr M. H., KALECİK S., KAVAZ PERİŞANOĞLU E.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, 2025 (SCI-Expanded)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Entropy-Based Measurements of Self-Organized Complexity: A View on the Dynamics of the Dissipative Standard Map**
Bughluyeva F., Saltik S., Afşar Ö.
24th International Symposium on "Disordered Systems: Theory and Its Applications" (DSS-2024), İstanbul, Turkey, 21 - 23 November 2024, (Summary Text)
- II. **The Impact of Fractal Calculus on Lyapunov Exponents and Memory Effects**
Kiyikci O., Oylumluoğlu G., Saltik S.
24th International Symposium on "Disordered Systems: Theory and Its Applications" (DSS-2024), İstanbul, Turkey, 21 - 23 November 2024, (Full Text)
- III. **Determination of Magnetic Properties of Bond-Diluted Ising Model: An Artificial Neural Network Perspective**
Saltık S., Akıncı Ü.
TURKISH PHYSICAL SOCIETY 40th INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 2 - 06 September 2024, (Full Text)
- IV. **Entropic Measures in Self-Organized Complexity for the Dissipative Standard Map**
Bughluyeva F., Saltik S., Afşar Ö.
TURKISH PHYSICAL SOCIETY 40TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 2 - 06 September 2024, pp.315-316, (Summary Text)

V. DETERMINATION OF THE MAGNETIC PROPERTIES BY ARTIFICIAL NEURAL NETWORKS AND DEEP LEARNING

Saltık S., Akıncı Ü.

17th INTERNATIONAL ISTANBUL CONGRESS ON LIFE, ENGINEERING, ARCHITECTURE, AND MATHEMATICAL SCIENCES, İstanbul, Turkey, 28 - 30 April 2024, (Full Text)

Funded Projects

TUBITAK Project, Yitimli ve Korunumlu Kompleks Sistemlerin İstatistik Mekaniği ve Büyük Sapma Teorisi, 2021 - 2024

TUBITAK Project, Manyetik Özelliklerin Yapay Sinir Ağları ile Belirlenmesi, 2020 - 2021

Metrics

Publication: 6