Res. Asst. Sevda SALTIK

Personal Information

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Education Information

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

Articles Published in Other Journals

I. **Er2O3-Doped Lead Borate Glasses: Advanced Optical and Radiation Shielding Performance**
Abouhaswa A., Perişanoğlu U., Saltik S., Ekinci N., Nasr M., Kavaz Perişanoğlu E., Kalecik S.
Journal of Inorganic and Organometallic Polymers and Materials, vol.0, no.0, 2025 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

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
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
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
IV. **Entropic Measures in Self-Organized Complexity for the Dissipative Standard Map**
Bughluyeva F., Saltık S., Afşar Ö.
TURKISH PHYSICAL SOCIETY 40TH INTERNATIONAL PHYSICS CONGRESS, Muğla, Turkey, 2 - 06 September 2024, pp.315-316
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

Supported 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