

## Lect. PhD SELİN ERZİN

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAT-2880-2020

ScopusID: 57226353131

Yoksis Researcher ID: 171488

### Education Information

Doctorate, Ege University, Nükleer Bilimler, Nükleer Bilimler Ana Bilim Dalı, Turkey 2008 - 2019

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Turkey 1991 - 1994

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, Turkey 1985 - 1991

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Yapay sinir ağlarının gama spektrometrik ölçümlere uygulanması, Ege University, Nükleer Bilimler Enstitüsü, Nükleer Bilimler Anabilim Dalı, 2019

Postgraduate, Keyfi Periyodik Potansiyellerin Bir Boyutta Schrödinger Denkleminin Çözümü, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, 1994

### Research Areas

Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Lecturer PhD, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2000 - Continues

Research Assistant, Sivas Cumhuriyet University, Fen Fakültesi, Fizik Bölümü, 1992 - 2000

### Academic and Administrative Experience

Exam Program Preparation Commission Member, Dokuz Eylul University, Fen Fakültesi, Fizik Bölümü, 2021 - Continues

## Courses

Fizik I, Undergraduate, 2023 - 2024  
FİZ1102 FİZİK II İNŞAAT MÜH.1.ŞUBE, Undergraduate, 2022 - 2023  
Bilgisayar Bilimleri için Fizik I, Undergraduate, 2023 - 2024  
FİZİK I, Undergraduate, 2023 - 2024  
BİL4108 FİZİK, Undergraduate, 2022 - 2023  
FİZ1102 FİZİK II MALZEME VE METALURJİ MÜH.2.ŞUBE, Undergraduate, 2022 - 2023  
PHY 1101 PHYSICS I, Undergraduate, 2022 - 2023  
MTE PHYSICS II, Undergraduate, 2021 - 2022  
PHYSICS LAB II, Undergraduate, 2021 - 2022  
FİZİK I 2.ŞUBE (ÇEVRE MÜHENDİSLİĞİ), Undergraduate, 2022 - 2023  
PHYSICS II METALLURGY AND MATERIALS ENGINEERING, Undergraduate, 2021 - 2022  
FİZİK I 1.ŞUBE (METALURJİ VE MALZEME MÜHENDİSLİĞİ), Undergraduate, 2022 - 2023  
FİZİK I METALURJİ VE MALZEME MÜHENDİSLİĞİ, Undergraduate, 2021 - 2022  
PHYSICS LAB I, Undergraduate, 2021 - 2022  
PHYSICS I GEOLOGICAL ENGINEERING, Undergraduate, 2021 - 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Using radial basis artificial neural networks to predict radiation hazard indices in geological materials**  
Erzin S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT AN INTERNATIONAL JOURNAL DEVOTED TO PROGRESS IN THE USE OF MONITORING DATA IN ASSESSING ENVIRONMENTAL RISKS TO MAN AND THE ENVIRONMENT, vol.196, pp.315-328, 2024 (SCI-Expanded)
- II. **Prediction of the radon concentration in thermal waters using artificial neural networks**  
Erzin S.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.13762, pp.13762-13770, 2024 (SCI-Expanded)
- III. **Prediction of the activity concentrations of Th-232, U-238 and K-40 in geological materials using radial basis function neural network**  
ERZİN S., YAPRAK G.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.331, no.9, pp.3525-3533, 2022 (SCI-Expanded)
- IV. **Evaluation and optimisation of foam concrete containing ground calcium carbonate and glass fibre (experimental and modelling study)**  
Calis G., Yildizel S. A., Erzin S., Tayeh B. A.  
Case Studies in Construction Materials, vol.15, 2021 (SCI-Expanded)
- V. **ELECTRON-ENERGY LEVELS IN A QW WITHIN A TILTED MAGNETIC-FIELD**  
SOKMEN I., SARI H., ELAGOZ S., ERGUN Y., ERZİN S.  
SUPERLATTICES AND MICROSTRUCTURES, vol.17, no.3, pp.321-327, 1995 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Prediction of Compression Index of Saturated Clays Using Robust Optimization Model**  
Erzin Y., Molaabasi H., Kordnaeij A., Erzin S.  
Journal of Soft Computing in Civil Engineering, vol.4, no.13, pp.1-16, 2020 (Scopus)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **SPIN CORRELATION FUNCTIONS AND PHASE DIAGRAMS OF THE SPIN 1/2 ISING SYSTEMS**  
POLAT H., AKINCI Ü., ERZİN S., SOKMEN I.  
9. İstatik Fizik Günleri, İstanbul, Turkey, 8 - 12 July 2002

## **Metrics**

Publication: 7

Citation (WoS): 35

Citation (Scopus): 26

H-Index (WoS): 2

H-Index (Scopus): 2

## **Artistic Activity**

ERZİN S., Nanotr-L1 "Nano Science And Nano Technology, May 2006