

**Res. Asst. PhD RIDVAN  
YAPRAK**



**Personal Information**

**Office Phone:** [+90 462 377 3706](tel:+904623773706)

**Email:** [ridvanyaprak@ktu.edu.tr](mailto:ridvanyaprak@ktu.edu.tr)

**Web:** <https://avesis.ktu.edu.tr//ridvanyaprak>

**Address:** Karadeniz Teknik Üniversitesi Fen Fakültesi Matematik Bölümü 61080  
Trabzon/TÜRKİYE



**International Researcher IDs**

ScholarID: uulpzJMAAAAJ

ORCID: 0000-0002-6417-4929

Publons / Web Of Science ResearcherID: B-7514-2018

Yoksis Researcher ID: 277072

**Education Information**

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik  
Anabilim Dalı, Turkey 2017 - 2023

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Matematik  
Anabilim Dalı, Turkey 2015 - 2017

Undergraduate, Karadeniz Technical University, Fen Fakültesi, Matematik, Turkey  
2010 - 2015

**Foreign Languages**

English, B2 Upper Intermediate

**Dissertations**

Doctorate, Hücresel Difüzyon ve Debridman Etkisini Dikkate Alan Geliştirilmiş Model İle Yara İyileşme Kontrolü,  
Karadeniz Technical University, Fen Bilimleri Enstitüsü, -, 2023

Postgraduate, Kimax: Reaksiyon Kinetik Analizi İçin Maxima Paketi, Karadeniz Technical University, Fen Bilimleri  
Enstitüsü, Matematik Anabilim Dalı, 2017

**Research Areas**

Mathematics

**Academic Titles / Tasks**

Research Assistant PhD, Karadeniz Technical University, Fen Fakültesi, Matematik, 2023 - Continues

Research Assistant, Karadeniz Technical University, Fen Fakültesi, Matematik, 2018 - 2023

## Courses

### Undergraduate

Differential Equations, Undergraduate, 2024 - 2025

Differential Equations, Undergraduate, 2024 - 2025

## Books

### I. A Review of Mathematical Models of Wound Healing Process

Yaprak R.

in: Recent Developments in Mathematics, Fatih Yılmaz, Metin Orbay, Vildan Öztürk, Umut Selvi, Samet Arpacı, Editor, Pegem Akademi, Ankara, pp.210-223, 2024

## Papers Published in Refereed Scientific Meetings

### I. Yara İyileşme Süreçlerine Ait Matematiksel Modellerin Bir Derlemesi

Yaprak R.

15. Ankara Matematik Günleri (AMG-2024), Ankara, Turkey, 23 - 24 May 2024, pp.67

### II. A Wound/Slough Model Accounting for Cellular Diffusion and Debridement

Yaprak R., Coşkun E.

6th International Conference on Computational Mathematics and Engineering Sciences, Ordu, Turkey, 20 - 22 May 2022, pp.232

### III. Yara-Ölü Doku Modelinin Paralel Ortamda Parametrik Analizi

Yaprak R., Coşkun E.

PROF. DR. CEMİL YAPAR ANISINA ULUSAL MATEMATİK VE İSTATİSTİK SEMPOZYUMU CYUMİS, 2021, Ordu, Turkey, 10 - 11 December 2021, pp.41

### IV. A Slough/Wound Interaction Model Accounting for Cellular Diffusion

Yaprak R., Coşkun E.

International Conference on Mathematics and Mathematics Education, Ankara, Turkey, 16 - 18 September 2021, pp.71-72

### V. Trans maxima; A Maxima package for analytical solution of one dimensional linear system of transport equations

Yaprak R., Coşkun E.

3rd International Conference on Pure and Applied Mathematics ICPAM-VAN 2020, Van, Turkey, 3 - 05 September 2020, pp.111

### VI. Kimax: A Maxima Package for Analysis of Reaction Kinetics

YAPRAK R., COŞKUN E.

International Conference on Mathematics and Mathematics Education, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.908-909

## Metrics

Publication: 7

## Congress and Symposium Activities

15. Ankara Matematik Günleri, Attendee, Ankara, Turkey, 2024

6th International Conference on Computational Mathematics and Engineering Sciences, Attendee, Ordu, Turkey, 2022

Prof. Dr. Cemil YAPAR Anısına Ulusal Matematik ve İstatistik Sempozyumu, Attendee, Ordu, Turkey, 2021  
International Conference on Mathematics and Mathematics Education, Attendee, Ankara, Turkey, 2021  
3rd International Conference on Pure and Applied Mathematics, Attendee, Van, Turkey, 2020  
International Conference on Mathematics and Mathematics Education, Attendee, Şanlıurfa, Turkey, 2017