

## Assoc. Prof. Nur SIRMACI

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### International Researcher IDs

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### Education Information

Doctorate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik Eğitimi, Turkey 1997 - 2003

Postgraduate, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, Turkey 1992 - 1996

Undergraduate, Ataturk University, Fen Fakültesi, Matematik, Turkey 1986 - 1990

### Foreign Languages

English, B1 Intermediate

### Research Areas

Social Sciences and Humanities, Education

### Academic and Administrative Experience

Farabi Coordinator, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi, 2012 - 2018

### Jury Memberships

Doctorate, Doctorate, Atatürk Üniversitesi, July, 2019

Doctorate, Doctorate, Atatürk Üniversitesi, November, 2017

### Articles Published in Other Journals

- Views Of Teachers And Faculty Members On Removal Of Set Concept From Curriculum**  
SIRMACI N., BECERİK A.  
Anatolian Journal of Educational Leadership and Instruction, vol.11, no.1, pp.1-16, 2023 (Peer-Reviewed Journal)

- II. **İlköğretim Matematik Öğretmeni Adaylarının Öğretim Sürecine Yönelik ÖzYeterlik İnançları**  
SIRMACI N., KONYALIOĞLU A. C.  
NECMETTİN ERBAKAN ÜNİVERSİTESİ EREĞLİ EĞİTİM FAKÜLTESİ DERGİSİ, vol.3, no.2, pp.144-155, 2021 (Peer-Reviewed Journal)
- III. **İlköğretim Matematik Öğretmeni Adaylarının Öğretim Sürecine Yönelik ÖzYeterlik İnançları (Preservice Elementary Mathematics Teachers' Self-Efficacy Beliefs Towards Instruction ...**  
SIRMACI N., KONYALIOĞLU A. C.  
Necmettin Erbakan Üniversitesi Ereğli Eğitim Fakültesi Dergisi, 2021 (Peer-Reviewed Journal)
- IV. **FARKLILAŞTIRILMIŞ ÖĞRETİM TASARIMININ ÖĞRENCİLERİN BİLİŞÜSTÜ BECERİLERİNE VE MATEMATİK AKADEMİK BAŞARILARINA ETKİSİ**  
TAŞ F., SIRMACI N.  
ERZİNCAN ÜNİVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ, vol.20, no.2, pp.336-351, 2018 (Peer-Reviewed Journal)
- V. **İlköğretim Öğrencilerinin Bilişüstü Yetilerinin Matematik Akademik Başarılarına Cinsiyete ve Sınıf Düzeyine Göre İncelenmesi**An Analysis of Elementary School Students'xx Metacognitive Skills in Relation to Some Variables  
SIRMACI N., TAŞ F.  
SAKARYA UNIVERSITY JOURNAL OF EDUCATION, 2017 (Peer-Reviewed Journal)
- VI. **Matematik Öğretmenlerinin Sonsuzluk Belirsizlik ve Tanımsızlık Kavramlarına ilişkin Öğretimsel Açıklamaları**  
SIRMACI N., GÖKKURT B.  
Bartın Üniversitesi Eğitim Fakültesi Dergisi, vol.5, pp.788-805, 2016 (Peer-Reviewed Journal)
- VII. **ASSESSMENT OF SECONDARY EDUCATION MATHEMATICS COURSE PROGRAM'S LEVEL OF ATTAINING ITS OBJECTIVE IN THE DIRECTION OF THE STUDENTS' SUCCESS**  
SIRMACI N.  
INTERNATIONAL JOURNAL of ACADEMIC RESEARCH, vol.8, no.4, pp.26-34, 2016 (Peer-Reviewed Journal)
- VIII. **ASSESSMENT OF SECONDARY EDUCATION MATHEMATICS COURSE PROGRAM'S LEVEL OF ATTAINING ITS OBJECTIVE IN THE DIRECTION OF THE STUDENTS' SUCCESS**  
SIRMACI N.  
INTERNATIONAL JOURNAL of ACADEMIC RESEARCH, vol.8, no.4, pp.26-34, 2016 (Peer-Reviewed Journal)
- IX. **Teacher Self-Efficacy Perceptions and Metacognitive Learning Strategies of Pre-Service Mathematics Teachers**  
SIRMACI N., TAŞ F.  
HACETTEPE UNIVERSİTESİ EĞİTİM FAKÜLTESİ DERGİSİ-HACETTEPE UNIVERSITY JOURNAL OF EDUCATION, vol.31, no.3, pp.551-563, 2016 (ESCI)
- X. **The effects of cognitive awareness strategies taught with cognitive coaching method on achievement, attitudes and cognitive awareness skills of students (Makale)**  
SIRMACI N., CEYLAN M.  
International Journal of Academic Research, vol.6, pp.374-379, 2014 (Peer-Reviewed Journal)
- XI. **Knowledge Levels of pre-service Mathematics teachers on the concept of set (Makale)**  
SIRMACI N., Taş f.  
Academic Journals Educational Research and Reviews, vol.8, pp.1519-1524, 2013 (Peer-Reviewed Journal)
- XII. **The Effect of metacognition strategies applied in 7 th grade Mathematics Course "Permutation and probability" subject on student'xxs achievement metacognitive skills attitudes and permanence (Makale)**  
SIRMACI N., TUNCER T.  
Universal Journal of Education and General Studies, vol.2, pp.71-78, 2013 (Peer-Reviewed Journal)
- XIII. **Knowledge Levels of Primary School Teaching Students on the Concept of Interval**  
SIRMACI N.  
Education Research Journal, vol.3, pp.17-25, 2013 (Peer-Reviewed Journal)
- XIV. **Knowledge level of Undergraduate Students of Mathematics teaching on proof methods (Makale)**  
SIRMACI N.

Global Advanced Research Journal of Educational Research and Review, vol.1, pp.118-123, 2012 (Peer-Reviewed Journal)

- XV. **Pre-Service teacher's views on school experience and teaching practice course (Makale)**  
SIRMACI N.  
Procedia Social and Behavioral Sciences, vol.9, pp.649-658, 2010 (Peer-Reviewed Journal)

### **Books & Book Chapters**

- I. **ÜSTBİLİŞ ve MATEMATİKSEL PROBLEM ÇÖZME BECERİLERİ**  
SIRMACI N.  
ERTUAL AKADEMİ YAYINCILIK, Erzurum, 2022
- II. **MATEMATİK ÖĞRETİMİNDE KÜME KAVRAMI**  
SIRMACI N., BECERİK A.  
ERTUAL AKADEMİ YAYINCILIK, Erzurum, 2019
- III. **Geometri Öğrenimi**  
YILDIZ C.  
in: Geometri Öğretimi ve Öğrenimi, Burçin Gökçurt-Özdemir, Tuğba Uygun, Editor, Anı Yayıncılık, Ankara, pp.15-34, 2017

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

- I. **Modeling Graphs of Functions of Two Variables**  
SIRMACI N., KAÇAR Ö. F.  
9th International "Başkent" Congresses on Physical, Social and Health Sciences, Turkey, 20 - 23 May 2023
- II. **Evaluation on the Variability of Metacognitive Skills Exhibited by Tenth Grade Students in Different Questions about Function**  
SIRMACI N., TAZEGÜL BACAĞ F.  
9th International "Başkent" Congresses on Physical, Social and Health Sciences, 20 May 2023
- III. **Cognitive levels of Mathematics Education Students toward Polygon,**  
SIRMACI N.  
12th International Istanbul Scientific Research Congress on Humanities and Social Sciences, 21 - 23 January 2023
- IV. **Determining the Knowledge of Mathematics Education Students on Coding Knowledge,**  
SIRMACI N.  
12th International Istanbul Scientific Research Congress on Humanities and Social Sciences, 21 - 23 January 2023
- V. **THE INVESTIGATION OF PROBLEMS RELATED TO THE VALUES IN THE PRIMARY SCHOOL MATHEMATICS TEXTBOOKS**  
SIRMACI N.  
INTERNATIONAL "ARTEMİS" CONGRESS ON LIFE, SOCIAL, HEALTH AND SPORTS SCIENCES, Turkey, 12 September 2022
- VI. **"THE INVESTIGATION OF PROBLEM SOLVING STRATEGIES IN MATHEMATICAL MODELLING OF MIDDLE SCHOOL 7TH- GRADE STUDENTS"**  
SIRMACI N., UYAR Z. E.  
the 6TH INTERNATIONAL "BAŞKENT" CONGRESS ON PHYSICAL, SOCIAL AND HEALTH SCIENCES, Turkey, 05 September 2022
- VII. **Opinions Of Teachers And Students About Geogebra**  
SIRMACI N., ÇÖREKÇİOĞLU M. S.  
4th INTERNATIONAL SYMPOSIUM OF TURKISH COMPUTER AND MATHEMATICS EDUCATION, Turkey, 29 September 2019
- VIII. **Views of Teachers and Faculty Members on Removal of Set Concept from Curriculum**

SIRMACI N., BECERİK A.

3rd International Symposium of Limitless Education and Research (ISLER 2019), 24 April 2019

## Supported Projects

SIRMACI N., ÖTÜGEN R., Project Supported by Higher Education Institutions, AZ GÖREN ÖĞRENCİLERE MATEMATİKTE DÖRT İŞLEMİN İNGİLİZCE KONULARIYLA İLİŞKİLENDİRİLEREK ÖĞRETİLMESİ VE PEKİŞTİRİLMESİ YATAY

KAYNAŞIKLIK, 2024 - Continues

Sırmacı N., Project Supported by Higher Education Institutions, GÖRME ENGELLİLER GEOMETRİ ÖĞRENIYOR, 2023 - 2024

SIRMACI N., KAÇAR Ö. F., Project Supported by Higher Education Institutions, İki değişkenli fonksiyonların grafiklerinin modellenmesi, 2023 - 2023

Sırmacı N., Project Supported by Higher Education Institutions, Matematik Savaşçuları, 2022 - 2023

Sırmacı N., Project Supported by Other Official Institutions, AVM'DE ŞENLİK VAR, 2022 - 2023

Sırmacı N., Project Supported by Higher Education Institutions, ATA GEZ GÖR ÖĞREN, 2022 - 2023

Sırmacı N., Project Supported by Higher Education Institutions, MATEMATİK HER YERDE ŞİMDİ ATA HASTANEDE, 2022 - 2022

Sırmacı N., Project Supported by Higher Education Institutions, Bir afiş çok etkinlik, 2021 - 2021

Sırmacı N., Project Supported by Higher Education Institutions, Çifte Minerali Medrese'de Denklem Çözme Oyunu, 2021 - 2021

Sırmacı N., Project Supported by Higher Education Institutions, Düşün Bul Oyunu, 2021 - 2021

Sırmacı N., Project Supported by Higher Education Institutions, MİLLİ EĞİTİM BAKANLIĞININ UYGULADIĞI ÖRGÜN VE YAYGIN EĞİTİMİ DESTEKLEME VE YETİŞTİRME VE YETİŞTİRME KURSLARININ NİTELİĞİNİ ARAŞTIRMA ÜZERİNE BİR ÇALIŞMA, 2015 - 2016

## Student Project

Social Project, Mathematics appears in every field. Therefore, it is an important branch of science that should be learned in our schools. Because of this feature, mathematics lessons begin to be taught to children starting from their pre-school period. In this education process, visually, auditory and mentally disabled students who need special education are also included. This issue is given great importance in Turkey. Because in our country there is a belief that every individual has the right to education. There are schools for our visually, auditory and mentally disabled students and a special education teacher program to work in these schools. Our students are educated with great care and patience by our teachers trained in the special education teaching program. In order to guide our teachers, very serious and long-term program development groups, who are experts in various subjects, carry out the necessary studies for the mathematics course curriculum. Education and training are provided in our schools in line with these programs. We, the members of Atatürk University, believe that education is a birthright and a very important concept that everyone can access. For this reason, it is thought that the importance of exchanging information with these schools is great., Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, Turkey, 2023 - 2023

Social Project, ATA GEZ-GÖR ÖĞREN, Ataturk University, Kâzım Karabekir Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, Turkey, 2022 - 2022

## Scientific Refereeing

Mersin Üniversitesi Eğitim Fakültesi Dergisi, National Scientific Refreed Journal, May 2024

Marmara Üniversitesi Atatürk Eğitim Fakültesi Eğitim Bilimleri Dergisi, National Scientific Refreed Journal, May 2022

SOSYAL BİLİMLER DERGİSİ, National Scientific Refreed Journal, April 2022

## **Metrics**

Publication: 52

Citation (WoS): 11

Citation (Scopus): 12

H-Index (WoS): 2

H-Index (Scopus): 2