

## Prof. HAKAN YAVUZ ATAR

### Personal Information

**Email:** hakanatar@gazi.edu.tr

**Web:** <https://avesis.gazi.edu.tr/hakanatar>

### Education Information

Doctorate, The Florida State University, Ölçme Ve Değerlendirme, United States Of America 2006 - 2009

Postgraduate, The Florida State University, Ölçme Ve Değerlendirme, United States Of America 2005 - 2007

Doctorate, The Florida State University, Fen Eğitimi, United States Of America 2001 - 2007

Postgraduate, Florida State University, Fen Eğitimi, United States Of America 1999 - 2006

### Foreign Languages

English, C1 Advanced

### Academic Titles / Tasks

Associate Professor, Gazi University, Gazi Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 2013 - Continues

Lecturer, Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2009 - Continues

### Advising Theses

ATAR H. Y. , Investigation Of The Effect Of Mixture Irt Models Under Different Conditions On Parameter Recovery And Classification Accuracy With Simulative And Real Data, Doctorate, F.Münevver(Student), 2021

ATAR H. Y. , Comparison Of Classification Performances Of Non-Parametric Cognitive Diagnosis, Artificial Neural Network And Dıno Model, Doctorate, E.YAVUZ(Student), 2021

ATAR H. Y. , İlköğretim Matematik Ders Kitaplarının Çok Yüzeyle Rasch Ölçme Modeli ile Analizi, Postgraduate, Ş.YEGANE(Student), 2019

ATAR H. Y. , The Effect Of Differential Item Functioning Determination Methods On Item And Ability Parameters Estimates, Doctorate, F.GÖKÇEN(Student), 2019

Atar H. Y. , Comparison Of Parameter Estimation Based On Multidimensional Item Response Theory In Polytomous Items, Doctorate, S.BÜYÜKKIDIK(Student), 2018

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

#### I. Multilevel Effects of Teacher Characteristics on TIMSS 2011 Science Achievement

ATAR H. Y.

EGITIM VE BILIM-EDUCATION AND SCIENCE, vol.39, no.172, pp.121-137, 2014 (Journal Indexed in SSCI)

#### II. Examination of the Classification Accuracy of Music Education Special Aptitude Exams

ATAR H. Y. , SAYIN A., ATAR B.

KURAM VE UYGULAMADA EGITIM BILIMLERI, vol.13, no.3, pp.1573-1577, 2013 (Journal Indexed in SSCI)

#### III. Examining the Effects of Turkish Education Reform on Students' TIMSS 2007 Science Achievements

ATAR H. Y. , ATAR B.

KURAM VE UYGULAMADA EGITIM BILIMLERI, vol.12, no.4, pp.2632-2636, 2012 (Journal Indexed in SSCI)

IV. **INVESTIGATING THE MULTILEVEL EFFECTS OF SEVERAL VARIABLES ON TURKISH STUDENTS' SCIENCE ACHIEVEMENTS ON TIMSS**

ATAR H. Y. , ATAR B.

JOURNAL OF BALTIC SCIENCE EDUCATION, vol.11, no.2, pp.115-126, 2012 (Journal Indexed in SSCI)

### Articles Published in Other Journals

- I. **Effects of Students and School Variables on SBS Achievements and Growth in Mathematic**  
YAVUZ E., TAN Ş., ATAR H. Y.  
JOURNAL OF MEASUREMENT AND EVALUATION IN EDUCATION AND PSYCHOLOGY-EPOD, vol.10, no.1, pp.96-116, 2019 (Journal Indexed in ESCI)
- II. **Çok Kategorili Madde Tepki Kuramı Modellerinin Örneklem Büyüklüğü Açısından İncelenmesi**  
BÜYÜKKIDIK S., ATAR H. Y.  
Gazi Üniversitesi Gazi Eğitim Fakültesi Dergisi, vol.38, pp.665-694, 2018 (Refereed Journals of Other Institutions)
- III. **Üniversitelerde ölçme ve değerlendirme birimi: Gazi Eğitim Fakültesi örneği**  
SAYIN A., ATAR H. Y.  
Gazi Üniversitesi Gazi Eğitim Fakültesi Dergisi, vol.30, no.3, pp.1075-1093, 2010 (Other Refereed National Journals)

### Books & Book Chapters

- I. **TIMSS 2011 Ulusal Matematik ve Fen Raporu 8 Sınıflar**  
Büyükoztürk Ş., Çakan M., Tan Ş., Atar H. Y.  
MEB: YEĞİTEK, Ankara, 2014
- II. **TIMSS 2011 Ulusal Matematik ve Fen Raporu 4 Sınıflar**  
Büyükoztürk Ş., Çakan M., Tan Ş., Atar H. Y.  
MEB: YEĞİTEK, Ankara, 2014

### Citations

Total Citations (WOS):33

h-index (WOS):3