

Prof. BÜLENT SARAÇ

Personal Information

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International Researcher IDs

ORCID: 0000-0002-6727-2946

Publons / Web Of Science ResearcherID: G-9099-2013

ScopusID: 36891604700

Yoksis Researcher ID: 51631

Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2003 - 2008

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Matematik, Turkey 2000 - 2003

Undergraduate, Gazi University, Eğitim Fakültesi, Matematik Eğitimi, Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

Research Areas

Mathematics, Associative Rings and Algebras, Commutative Rings and Algebras, Natural Sciences

Academic Titles / Tasks

Associate Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2018 - Continues

Assistant Professor, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2012 - Continues

Lecturer PhD, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2010 - 2012

Research Assistant, Hacettepe University, Fen Fakültesi, Matematik Bölümü, 2002 - 2010

Courses

MAT123 Matematik I, Undergraduate, 2017 - 2018

MTK449 CEBİRSEL KODLAMA TEORİSİNE GİRİŞ, Undergraduate, 2016 - 2017

MTK431 HESAPLAMALI CEBİRSEL GEOMETRİYE GİRİŞ I, Undergraduate, 2016 - 2017

MTK700 SEMİNER, Undergraduate, 2016 - 2017

MTK699 ÖZEL KONULAR, Undergraduate, 2016 - 2017

İMÖ317 CEBİRE GİRİŞ, Undergraduate, 2016 - 2017

Advising Theses

SARAÇ B., Kademeli halkalar, modüller ve çokkatlılık, Postgraduate, D.ACAR(Student), 2017

SARAÇ B., İdeal ve modül indirgemeleri, Postgraduate, M.AKIN(Student), 2017

SARAÇ B., Factorization of ideals in commutative domains and some generalizations of dedekind domains, Postgraduate, A.VURAL(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On the splitting property of rings with restricted class of injectivity domains**
SARAÇ B.
COMMUNICATIONS IN ALGEBRA, 2024 (SCI-Expanded)
- II. **Characterizing Rings in Terms of the Extent of the Injectivity of Their Simple Modules**
SARAÇ B., AYDOĞDU P.
Mediterranean Journal of Mathematics, vol.20, no.4, 2023 (SCI-Expanded)
- III. **Butson-Hadamard matrices and Plotkin-optimal codes over \mathbb{Z}_p**
Acar D., SARAÇ B., YAYLA O.
Journal of Algebra and its Applications, 2023 (SCI-Expanded)
- IV. **On the extent of the injectivity of direct sums of modules**
Lopez-Permouth S. R., Sarac B.
QUAESTIONES MATHEMATICAE, vol.46, no.7, pp.1469-1480, 2023 (SCI-Expanded)
- V. **On rings whose quasi-injective modules are injective or semisimple**
SARAÇ B.
JOURNAL OF ALGEBRA AND ITS APPLICATIONS, vol.21, no.12, 2022 (SCI-Expanded)
- VI. **Rings Without a Middle Class from a Lattice-Theoretic Perspective**
SARAÇ B., Lopez-Permouth S. R., Zamora-Erazo S.
MEDITERRANEAN JOURNAL OF MATHEMATICS, vol.17, no.2, 2020 (SCI-Expanded)

Supported Projects

SARAÇ B., Project Supported by Higher Education Institutions, Üzerindeki Modüller ile Karakterize Edilen Halkalar ve İnjektif Modüllerin Genellemeleri, 2016 - 2017

AKALAN E., İLHAN H., KALEBOĞAZ B., SARAÇ B., Project Supported by Higher Education Institutions, 5. HALKA, MODÜL VE CEBİR ÇALIŞTAYI- Serre Sanısı, 2016 - 2016

SARAÇ B., MARUBAYASHİ H., AKALAN E., AYDOĞDU P., Project Supported by Higher Education Institutions, HNP Halkaları Üzerindeki Skew Polinom Halkalarının Projektif İdealleri, 2015 - 2016

Activities in Scientific Journals

Hacettepe Journal of Mathematics and Statistics, Editor, 2018 - Continues

Scientific Refereeing

Turkish Journal of Mathematics, SCI Journal, August 2018

European Journal of Pure and Applied Mathematics, Other Indexed Journal, August 2017

Turkish Journal of Mathematics, SCI Journal, February 2017

Turkish Journal of Mathematics, SCI Journal, February 2016

Metrics

Publication: 18

Citation (WoS): 43

Citation (Scopus): 50

H-Index (WoS): 5

H-Index (Scopus): 5

Congress and Symposium Activities

Rings without a middle class: past and recent, Attendee, Van, Turkey, 2018

Projective Ideals of Skew Polynomial Rings over HNP Rings, Attendee, Praha, Czech Republic, 2015

On Semiprime Submodules, Attendee, Lisbon, Portugal, 2008

Dedekind Modules II, Attendee, United States Of America, 2007

Dedekind Modules I, Attendee, Antalya, Turkey, 2004

Non Academic Experience

MİLLİ EĞİTİM BAKANLIĞI