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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAQ-5513-2021

ScopusID: 7103135804

Yoksis Researcher ID: 5891

Education Information

Doctorate, University of Miami, Arts And Sciences, Mathematics, United States Of America 1985 - 1990

Postgraduate, University of Miami, Arts And Sciences, Mathematics, United States Of America 1984 - 1985

Undergraduate, Inonu University, Fen Edebiyat, Matematik, Turkey 1978 - 1982

Undergraduate, Inonu University, Fen Edebiyat, Matematik, Turkey 1978 - 1982

Foreign Languages

English, C1 Advanced

Research Areas

Mathematics, Algebraic Topology, General Topology, Natural Sciences

Academic Titles / Tasks

Professor, Erciyes University, Fen Fakültesi, Matematik, 1990 - Continues

Courses

Topos Teorisi, Doctorate, 2014 - 2015

Advising Theses

BARAN M., Predüzgün Yakınsak Uzaylar Kategorisinde Kapalılık ve T_0 , T_1 Nesneler, Doctorate, S.Kula(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Separation, connectedness, and disconnectedness**
BARAN M.
Turkish Journal of Mathematics, vol.47, no.1, pp.279-295, 2023 (SCI-Expanded)
- II. **Complete mitogenomes of Turkish tree squirrels, *Sciurus anomalus* and *S. vulgaris*, (Sciuridae: Rodentia: Mammalia) and their phylogenetic status within the tribe Sciurini**
İbiş O., Selçuk A. Y., Teber S., Baran M., Kaya A., Özcan S., Kefelioğlu H., Tez C.
Gene, vol.841, 2022 (SCI-Expanded)
- III. **Sober spaces**
BARAN M., Abughalwa H.
TURKISH JOURNAL OF MATHEMATICS, vol.46, no.1, pp.299-310, 2022 (SCI-Expanded)
- IV. **Closure operators in convergence approach spaces**
QASIM M., BARAN M., ABUGHALWA H.
TURKISH JOURNAL OF MATHEMATICS, vol.45, no.1, pp.139-152, 2021 (SCI-Expanded)
- V. **Closure Operators in Semiuniform Convergence Spaces**
BARAN M., KULA S., BARAN T. M., QASIM M.
FILOMAT, vol.30, no.1, pp.131-140, 2016 (SCI-Expanded)
- VI. **The effects of adriamycin on E-cadherin mediated cell-cell adhesion and apoptosis during early kidney development**
Yay A. H., Özdamar S., Balcioğlu E., Baran M., Akkus D., Sonmez M. F.
BIOTECHNIC & HISTOCHEMISTRY, vol.90, no.5, pp.375-383, 2015 (SCI-Expanded)
- VII. **T-0 and T-1 semiuniform convergence spaces**
BARAN M., Kula S., Erciyes A.
FILOMAT, vol.27, no.4, pp.537-546, 2013 (SCI-Expanded)
- VIII. **Quotient-reflective and bireflective subcategories of the category of preordered sets**
BARAN M., AL-SAFAR J.
TOPOLOGY AND ITS APPLICATIONS, vol.158, no.15, pp.2076-2084, 2011 (SCI-Expanded)
- IX. **CONNECTEDNESS AND SEPARATION IN THE CATEGORY OF CLOSURE SPACES**
Baran M., Tokat D., KULA M.
FILOMAT, vol.24, no.2, pp.67-79, 2010 (SCI-Expanded)
- X. **PreT (2) Objects in Topological Categories**
BARAN M.
APPLIED CATEGORICAL STRUCTURES, vol.17, no.6, pp.591-602, 2009 (SCI-Expanded)
- XI. **CONDITIONS IMPLYING CONTINUITY OF MAPS**
Baran M., KULA M., Erciyes A.
JOURNAL OF THE KOREAN MATHEMATICAL SOCIETY, vol.46, no.4, pp.813-826, 2009 (SCI-Expanded)
- XII. **A note on connectedness**
Baran M., Kula M.
PUBLICATIONES MATHEMATICAE-DEBRECEN, vol.68, pp.489-501, 2006 (SCI-Expanded)
- XIII. **Compactness, perfectness, separation, minimality and closedness with respect to closure operators**
Baran M.
APPLIED CATEGORICAL STRUCTURES, vol.10, no.4, pp.403-415, 2002 (SCI-Expanded)
- XIV. **Closure operators in convergence spaces**
Baran M.
ACTA MATHEMATICA HUNGARICA, vol.87, pp.33-45, 2000 (SCI-Expanded)
- XV. **Completely regular objects and normal objects in topological categories**
Baran M.
ACTA MATHEMATICA HUNGARICA, vol.80, no.3, pp.211-224, 1998 (SCI-Expanded)
- XVI. **T-3 and T-4-objects in topological categories**
Baran M.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.29, no.1, pp.59-69, 1998 (SCI-Expanded)
- XVII. **A notion of compactness in topological categories**

- Baran M.
PUBLICATIONES MATHEMATICAE-DEBRECEN, vol.50, pp.221-234, 1997 (SCI-Expanded)
- XVIII. **T Objects in Topological Categories, Acta Math**
Baran M., ALTINDİŞ H.
ACTA MATHEMATICA HUNGARICA, vol.71, pp.41-48, 1996 (SCI-Expanded)
- XIX. **T-0-objects in topological categories**
Baran M., Altindis H.
JOURNAL OF THE UNIVERSITY OF KUWAIT-SCIENCE, vol.22, no.2, pp.123-127, 1995 (SCI-Expanded)
- XX. **T Objects in Topological Categories**
Baran M., ALTINDİŞ H.
KUWAIT JOURNAL OF SCIENCE, vol.22, pp.123-127, 1995 (SCI-Expanded)
- XXI. **GENERALIZED LOCAL SEPARATION PROPERTIES**
BARAN M.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.25, no.6, pp.615-620, 1994 (SCI-Expanded)
- XXII. **SEPARATION PROPERTIES**
BARAN M.
INDIAN JOURNAL OF PURE & APPLIED MATHEMATICS, vol.23, no.5, pp.333-341, 1992 (SCI-Expanded)

Articles Published in Other Journals

- I. **T-0 CONVERGENCE APPROACH SPACES**
Qasim M., BARAN M.
COMMUNICATIONS FACULTY OF SCIENCES UNIVERSITY OF ANKARA-SERIES A1 MATHEMATICS AND STATISTICS, vol.69, no.1, pp.603-612, 2020 (ESCI)
- II. **T₁ Approach Spaces**
BARAN M., Qasim M.
Communications Faculty Of Science University of Ankara Series A1Mathematics and Statistics, vol.68, no.1, pp.784-800, 2019 (ESCI)
- III. **Local Pre-Hausdorff Constant filter convergence spaces**
ERCİYES A., BARAN M.
Turkish Journal of Mathematics Computer Science, 2018 (Peer-Reviewed Journal)
- IV. **Local T₁ Preordred spaces**
BARAN M.
Turkish Journal of Mathematics and Computer Science, vol.10, pp.169-172, 2018 (Peer-Reviewed Journal)
- V. **Local T₀ Filter Convergence Spaces**
BARAN M.
Turkish Journal of Mathematics Computer Science, no.10, 2018 (Peer-Reviewed Journal)
- VI. **Local T₀ Approach Spaces**
BARAN M., QASIM M.
Mathematical Sciences and Applications E-Notes (MSAEN), vol.5, no.1, pp.46-56, 2017 (Peer-Reviewed Journal)
- VII. **A note on Separation and Compactness in Categories of Convergence Spaces**
Baran M., KULA M.
APPLIED GENERAL TOPOLOGY, vol.4, pp.1-13, 2003 (ESCI)
- VIII. **Separation Properties in Topological Categories**
BARAN M.
Math. Balkanica, 1996 (Peer-Reviewed Journal)
- IX. **Separation Properties in Category of Filter Convergence Spaces**
BARAN M.
Bull. Calcutta Math, 1993 (Peer-Reviewed Journal)
- X. **The Notion of Closedness in Topological Categories**

BARAN M.

Comment. Math. Unic. Carolinae, 1993 (Peer-Reviewed Journal)

- XI. **Separation Properties at p for The Topological Categories of Reflexive Relation Spaces and Preordered Spaces**

BARAN M.

Math. Balkanica, 1992 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **LOCAL PRE-HAUSDORFF CONSTANT LIMIT SPACES**

BARAN M., ERCİYES A.

III. International Scientific and Vocational Studies Congress Science and Health, 27 June 2019

- II. **Lokal T_0 Semiuniform Limit Convergence Spaces**

ERCİYES A., BARAN M.

II. International Scientific and Vocational Studies Congress – Science and Mathematics (BILMES SCI 2018), Nevşehir, Turkey, 5 - 08 July 2018, pp.127-131

- III. **Closure Operators in Preordered Spaces**

BARAN M.

II. International Scientific and Vocational Studies Congress, 5 - 08 July 2018

- IV. **T_0 Preordered Spaces**

BARAN M.

II. International Scientific and Vocational Studies Congress, 5 - 08 July 2018

- V. **Closedness in Local Filter Convergence Spaces**

BARAN M.

II. International Scientific and Vocational Studies Congress, 5 - 08 July 2018

- VI. **T_0 LİMİT PRE-APPROACH SPACES**

BARAN M., Qasım M.

ICAT 2018, Antalya, Turkey, 28 April - 01 May 2018, pp.71

- VII. **Zero Dimensional Constant Filter Convergence Spaces**

BARAN M.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Harran University, Şanlıurfa, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.829-830

- VIII. **Local Pre-Hausdorff Relation Spaces**

BARAN M.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Harran University, Şanlıurfa, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.719-721

- IX. **Local T_0 Approach Spaces**

BARAN M., Qasım M.

International Conference on Mathematics and Mathematics Education (ICMME-2017), 11 - 13 May 2017

- X. **Zero-Dimensional Kent Convergence Spaces**

BARAN M.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Harran University, Şanlıurfa, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.831-832

- XI. **Local T_1 Approach Spaces**

BARAN M., Qasım M.

International Conference on Mathematics and Mathematics Education (ICMME-2017), 11 - 13 May 2017

- XII. **Closedness in Reflexive Spaces**

BARAN M.

International Conference on Mathematics and Mathematics Education (ICMME-2017), Harran University, Şanlıurfa, Şanlıurfa, Turkey, 11 - 13 May 2017, pp.680-681

- XIII. **Zero Dimensional Filter Convergence Spaces**
BARAN M.
International Conference on Mathematics and Mathematics Engineering (ICOME-2017), Yıldız Teknik University, İstanbul, İstanbul, Turkey, 10 - 12 May 2017, pp.324
- XIV. **T0 Approach Spaces**
BARAN M., Qasim M.
Baran M., "T0 Approach Spaces", International Conference on Mathematics and Mathematics Engineering (ICOME-2017), Yıldız Teknik University, İstanbul, 10 - 12 May 2017
- XV. **Local T1 Distance-Approach Spaces**
BARAN M.
5th International Conference on Advanced Technology & Sciences (ICAT17) Proceedings, İstanbul, Turkey, 9 - 12 May 2017, pp.112-116
- XVI. **T1 Approach Spaces**
BARAN M.
", International Conference on Mathematics and Mathematics Engineering (ICOME-2017), Yıldız Teknik University, İstanbul, İstanbul, Turkey, 10 - 12 May 2017, pp.393
- XVII. **Zero Dimensional and Pre-Hausdorff Family Spaces**
BARAN M.
International Conference on Mathematics and Mathematics Engineering (ICOME-2017), Yıldız Teknik University, İstanbul, İstanbul, Turkey, 10 - 12 May 2017, pp.325
- XVIII. **Local Separations in Reflexive Spaces**
BARAN M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 October 2016
- XIX. **Pre-Hausdorff Relation Spaces**
BARAN M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.280-285
- XX. **1st International Mediterranean Science and Engineering Congress (IMSEC 2016), October 26-28, 2016, Adana/Turkey Local Separations in Reflexive Spaces**
BARAN M.
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.274-279
- XXI. **T0 REFLEXIVE SPACES**
BARAN M.
International Conference on Advanced Technology & Sciences (ICAT'16), Konya, Turkey, 1 - 03 September 2016, pp.1452-1454
- XXII. **Closure Operators in Filter Convergence Spaces**
BARAN M.
International Conference on Mathematics and Mathematics Education (ICMME-2016), Elazığ, Turkey, 12 - 14 May 2016, pp.464-465
- XXIII. **On the Zero-Dimensional Objects in The Category of Local Filter convergence Spaces**
BARAN M., Erciyes A.
International Conference on Mathematics and Mathematics Education (ICMME-2016), Elazığ, Turkey, 12 - 14 May 2016, pp.514-515
- XXIV. **ON THE ZERO DIMENSIONAL OBJECTS IN CATEGORY OF LOCAL FILTER CONVERGENCE SPACES**
ERCİYES A., BARAN M.
International Conference on Mathematics and Mathematics Education (ICMME-2016), 12 - 14 May 2016
- XXV. **Pre-Hausdorff Constant Filter Convergence Spaces**
BARAN M., Erciyes A.
International Conference on Natural Science and Engineering (ICNASE'16), Kilis, Turkey, 19 - 20 March 2016, pp.389-396

XXVI. Closure Operators in Reflexive Spaces

BARAN M., Baran T. M.

International Conference on Natural Science and Engineering (ICNASE'16), Kilis, Turkey, 19 - 20 March 2016, pp.140-149

Supported Projects

BARAN M., QASIM M., Project Supported by Higher Education Institutions, T0 ve T1 Yaklaşım Uzayları, 2017 - 2018

BARAN M., BARAN T. M., Project Supported by Higher Education Institutions, YARIDÜZGÜN UZAYLARDA KAPANIŞ OPERATÖRLERİ, 2015 - 2016

Metrics

Publication: 60

Citation (WoS): 146

Citation (Scopus): 76

H-Index (WoS): 9

H-Index (Scopus): 6

Non Academic Experience

Erciyes Üniversitesi