

Prof. Kamuran SAYGILI

Personal Information

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International Researcher IDs

Publons / Web Of Science ResearcherID: AAS-4339-2020

Yoksis Researcher ID: 141615

Education Information

Doctorate, Bogazici University, Fen-Edebiyat Fakültesi/Fen Bilimleri Enstitüsü, Fizik Bölümü, Turkey 1993 - 1998

Postgraduate, Bilkent Üniversitesi, Fen Fakültesi/Fen Bilimleri Enstitüsü, Matematik Bölümü, Turkey 1991 - 1993

Undergraduate, Bogazici University, Faculty Of Arts And Sciences, Department Of Physics, Turkey 1986 - 1991

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Cosmology and Spontaneous Symmetry Breaking, Bogazici University, Fen-Edebiyat Fakültesi/Fen Bilimleri Enstitüsü, Fizik Bölümü, 1998

Postgraduate, Cosmological Solutions in Topologically Massive Gravity, Bilkent Üniversitesi, Fen Fakültesi/Fen Bilimleri Enstitüsü, Matematik Bölümü, 1993

Research Areas

Mathematics, Differential Geometry, Global Analysis, Analysis on Manifolds, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Faculty of Science, Department of Mathematics, 2014 - Continues

Academic and Administrative Experience

Head of Department, Istanbul University, Faculty Of Science, Department of Mathematics, 2013 - Continues

Head of Department, Istanbul University, Faculty Of Science, Department of Mathematics, 2014 - 2017

Courses

Partial Differential Equations, Undergraduate, 2019 - 2020
Diferansiyel Denklemler, Undergraduate, 2018 - 2019
Calculus II, Undergraduate, 2018 - 2019
Diferansiyel Denklemler, Undergraduate, 2018 - 2019
Calculus I, Undergraduate, 2019 - 2020, 2018 - 2019
Calculus II, Undergraduate, 2018 - 2019
Bilgisayarda Matematik Uygulamaları, Undergraduate, 2019 - 2020
Differential Equations I, Undergraduate, 2019 - 2020, 2018 - 2019
Bilimsel Arastırma Teknikleri ve Yayın Etiği, Postgraduate, 2016 - 2017
Reading and Translation in Science II, Undergraduate, 2016 - 2017
Differential Geometry I, Undergraduate, 2016 - 2017
Reading and Translation in Science I, Undergraduate, 2016 - 2017
Integral Geometri, Doctorate, 2016 - 2017
Seminer, Doctorate, 2014 - 2015
İntegral Geometriye Giriş, Postgraduate, 2013 - 2014
Analiz III, Undergraduate, 2013 - 2014
Diferansiyel Geometri II, Undergraduate, 2013 - 2014
Analiz IV, Undergraduate, 2012 - 2013
Yüzeyler Teorisi, Postgraduate, 2013 - 2014
Diferansiyel Geometri I, Undergraduate, 2013 - 2014

Jury Memberships

Doctoral Examination, Doktora Yeterlik Sınavı, İstanbul Üniversitesi, February, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Trkalian fields: ray transforms and mini-twistors**
Saygılı K.
JOURNAL OF MATHEMATICAL PHYSICS, vol.54, no.10, 2013 (SCI-Expanded)
- II. **Trkalian fields and Radon transformation**
SAYGILI K.
JOURNAL OF MATHEMATICAL PHYSICS, vol.51, no.3, 2010 (SCI-Expanded)
- III. **Topologically massive Abelian gauge theory**
SAYGILI K.
INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol.23, no.13, pp.2015-2035, 2008 (SCI-Expanded)
- IV. **Topologically massive gauge theory: A Lorentzian solution**
SAYGILI K.
INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol.22, pp.2961-2976, 2007 (SCI-Expanded)
- V. **Topologically massive magnetic monopoles**
Aliev A., Nutku Y., Saygılı K.
CLASSICAL AND QUANTUM GRAVITY, vol.17, no.19, pp.4111-4123, 2000 (SCI-Expanded)
- VI. **Hamilton-Jacobi approach to pre-big bang cosmology at long wavelengths**
SAYGILI K.
INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol.14, no.2, pp.225-239, 1999 (SCI-Expanded)
- VII. **COSMIC STRINGS AND STRINGY MEMBRANES**
ANIK E., ARIK M., KORNfilt J., SAYGILI K., Yıldız A.

PHYSICS LETTERS B, vol.352, pp.224-227, 1995 (SCI-Expanded)

VIII. GINGA OBSERVATIONS OF X1820-303 IN THE GLOBULAR-CLUSTER NGC-6624

ERCAN E., CRUISE A., KELLETT B., SAYGILI K.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.262, no.2, pp.511-520, 1993 (SCI-Expanded)

IX. GINGA Observations of X1820-303 and its Iron-line Emission

SAYGILI K., Ercan N., Kelleth B., Cruise M.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.262, 1993 (SCI-Expanded)

Articles Published in Other Journals

I. Cosmology with a Scalar-tensor Theory

SAYGILI K., Arık M.

Balkan Physics Letters, vol.5, 1997 (Peer-Reviewed Journal)

Scientific Refereeing

Physics Letters B, SCI Journal, August 1997

Metrics

Publication: 10

Citation (WoS): 22

Citation (Scopus): 19

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

Introductory School on String Theory, Attendee, Trieste, Italy, 1998

Feza Gürsey Memorial Conference, Attendee, İstanbul, Turkey, 1995

Gökove Geometry and Topology Conference, Attendee, Gökova, Turkey, 1994

Gökove Geometry and Topology Conference, Attendee, Gökova, Turkey, 1992

Hellen School of High Energy Physics, Attendee, Greece, 1992

Scholarships

Araştırmacı Değişim Bursu, Ministry of Education, 2002 - 2002

Non Academic Experience

TUBİTAK FEZA GURSEY ENSTİTUSU