

Prof. TURGUT BAŞTUĞ

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: W-9745-2018

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Education Information

Doctorate, Gesamthochschule Kassel University, Germany 1990 - 1994

Postgraduate, Gesamthochschule Kassel University, Germany 1988 - 1990

Undergraduate, Ankara University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, Turkey 1981 - 1985

Research Areas

Biophysics, Molecular Biophysics, Structural Biophysics, Biochemistry, Bioinformatics, Biotechnology, Atomic and Molecular Physics

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **NUP85 NM_024844:c.1379G>A (p.Arg460Gln), a novel variant in nephrotic syndrome**
KURT ŞÜKÜR E. D., TİMUÇİN E., BAŞTUĞ T., ÖZALTIN F.
PEDIATRIC NEPHROLOGY, no.1, 2024 (SCI-Expanded)
- II. **Structural, Functional and Molecular Dynamics Examination of a de novo cloned Otopetrin-like Proton Channel in crayfish**
SAĞSÖZ M. E., SAĞLAM B., Arslan K., BAŞTUĞ T., ÇAVUŞ M., PURALI N.
CELL BIOCHEMISTRY AND BIOPHYSICS, 2024 (SCI-Expanded)
- III. **Cloning and in silico investigation of a putative voltage-gated calcium channel gene and protein in Astacus leptodactylus**
PURALI N., SAĞLAM B., ERGİN B., Beyatli N. C., Arslan K., BAŞTUĞ T.
Turkish Journal of Biochemistry, vol.48, no.6, pp.675-681, 2023 (SCI-Expanded)
- IV. **A novel homozygous missense variant in TBC1D31 in a consanguineous family with congenital anomalies of the kidney and urinary tract (CAKUT)**
SAYGILI S. K., KOŞUKCU C., BAŞTUĞ T., DOĞAN EKİCİ A. I., YILMAZ E. M., Kalyoncu A. U., Ağbaş A., CANPOLAT N., Çalışkan S., ÖZALTIN F.
Clinical Genetics, vol.104, no.6, pp.679-685, 2023 (SCI-Expanded)
- V. **De novo cloning and functional characterization of potassium channel genes and proteins in the crayfish Astacus leptodactylus (Eschscholtz, 1823) (Decapoda: Astacidea: Astacidae)**
ERGİN B., SAĞLAM B., TAŞKIRAN Z. E., BAŞTUĞ T., PURALI N.
JOURNAL OF CRUSTACEAN BIOLOGY, vol.42, no.1, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. De Novo Cloning and Functional Characterization of a Mechanosensitive Piezo-Like Ion Channel in the Crayfish**
ERGİN B., SAĞLAM B., Arslan K., COŞKUN BEYATLI N., TAŞKIRAN Z. E., BAŞTUĞ T., PURALI N.
Cellular physiology and biochemistry : international journal of experimental cellular physiology, biochemistry, and pharmacology, vol.57, no.4, pp.226-237, 2023 (ESCI)

Supported Projects

Kulaksız Erkmen G., Baştuğ T., Cantürk Tan F., Kavaklı İ. H., TUBITAK Project, DESIGN, SYNTHESIS AND EXPERIMENTAL ANALYSIS OF NUCLEOTIDE EXCISION REPAIR INHIBITORS TO IMPROVE CISPLATIN EFFICACY, 2022 - 2025
BAŞTUĞ T., TUBITAK Project, Biyomoleküler Sistemler İçin Denge Durumu Gerektirmeyen Nümerik Serbest Enerji Hesabı Metotlarının Geliştirilmesi ve Uygulaması, 2019 - 2021
BAŞTUĞ T., TUBITAK Project, Sodyum Kanallarına (Nav1) Toksin Bağlanması Moleküler Modellemesi, 2015 - 2019

Metrics

Publication: 6

Non Academic Experience

Sydney University
Australia National University
Kassel University
Japan Atomic Energy Research Institute
Kyoto University
Kassel University