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Publons / Web Of Science ResearcherID: AAC-4565-2020

Yoksis Araştırmacı ID: 258195

### Eğitim Bilgileri

Doktora, Ruprecht-Karls-Universitaet Heidelberg, Physics, Theoretical Physics, Almanya 2000 - 2003

Yüksek Lisans, Ruprecht-Karls-Universitaet Heidelberg, Physics, Theoretical Physics, Almanya 1993 - 2000

### Araştırma Alanları

Fizik, Astronomi ve Astrofizik, Temel Bilimler

### Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, İstanbul Üniversitesi, Fen Fakültesi, Astronomi, 2018 - Devam Ediyor

Yrd. Doç. Dr., İstanbul Üniversitesi, Fen Fakültesi, Astronomi, 2016 - 2018

Araştırma Görevlisi Dr., Universität Tübingen, Physics Faculty, Physics Dept., 2014 - 2016

Araştırma Görevlisi Dr., University of Washington, Physics Faculty, Physics Faculty, 2008 - 2014

Araştırma Görevlisi Dr., Universität Graz, Physics Faculty, Physics Faculty, 2006 - 2008

Araştırma Görevlisi Dr., Ruprecht-Karls-Universitaet Heidelberg, Physics Faculty, Physics Faculty, 2005 - 2005

Araştırma Görevlisi Dr., North Carolina State University, Physics Faculty, Physics Faculty, 2003 - 2005

Araştırma Görevlisi, Ruprecht-Karls-Universitaet Heidelberg, Physics Faculty, Physics Faculty, 2000 - 2003

Öğretim Görevlisi, Ruprecht-Karls-Universitaet Heidelberg, Physics Faculty, Physics Faculty, 2000 - 2000

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Signatures for quark matter from multi-messenger observations**  
Alford M. G., Han S., Schwenzer K. O.  
JOURNAL OF PHYSICS G-NUCLEAR AND PARTICLE PHYSICS, cilt.46, sa.11, 2019 (SCI-Expanded)
- II. **Viscous Dissipation and Heat Conduction in Binary Neutron-Star Mergers**  
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- III. **X-ray bounds on the r-mode amplitude in millisecond pulsars**  
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- IV. **r-mode astronomy**

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Alford M. G., Schwenzer K. O.  
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- IX. **QCD and strongly coupled gauge theories: challenges and perspectives**  
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- XXII. **The quark-gluon vertex in Landau gauge QCD: Its role in dynamical chiral symmetry breaking and quark confinement**  
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- XXIV. **What the infrared behavior of qcd vertex functions in Landau gauge can tell us about confinement**  
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- XXV. **Perturbative QCD results in the strong coupling regime of dense matter**  
Schwenzer K. O.  
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- XXVI. **Low-energy dynamics in ultradegenerate QCD matter**  
Schaefer T., Schwenzer K. O.  
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- XXVII. **Neutrino emission from ungapped quark matter**  
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- XXVIII. **Linking the quark meson model with QCD at high temperature**  
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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **X-ray bounds on the r-mode amplitude in millisecond pulsars**  
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COSPAR 2018, California, Amerika Birleşik Devletleri, 18 - 22 Temmuz 2018, ss.1
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### III. Impact of r-modes on the cooling of neutron stars

Alford M. G., Mahmoodifar S., Schwenzer K. O.

International Workshop on Quantum Chromodynamics - Theory and Experiment (QCD at Work), Lecce, İtalya, 18 - 21 Haziran 2012, cilt.1492, ss.257-263

### IV. Non-linear viscous saturation of r-modes

Alford M., Mahmoodifar S., Schwenzer K. O.

9th International Conference on Quark Confinement and the Hadron Spectrum, Madrid, İspanya, 30 Ağustos - 03 Eylül 2010, cilt.1343, ss.580-582

### V. Suprathermal viscosity of dense matter

Alford M., Mahmoodifar S., Schwenzer K. O.

International Workshop on Quantum Chromodynamics: Theory and Experiment, Martina Franca, İtalya, 20 - 23 Haziran 2010, cilt.1317, ss.380-387

### VI. Non Fermi liquid effects in dense matter and compact star cooling

Schwenzer K. O., Schafer T.

6th International Conference on Strong and Electroweak Matter (SEWM 2004), Helsinki, Finlandiya, 16 - 19 Haziran 2004, ss.421-425

### VII. Renormalization group approach to the phase diagram of strong interaction

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5th International Conference on Strong and Electroweak Matter (SEWM 2002), Heidelberg, Almanya, 2 - 05 Ekim 2002, ss.343-347

## Desteklenen Projeler

VURGUN E., BOZTEPE T., SCHWENZER K. O., Yükseköğretim Kurumları Destekli Proje, X-ray bounds on the r-mode amplitude in millisecond pulsars, 2017 - 2017

## Metrikler

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