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Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: AAA-1719-2019

Yoksis Araştırmacı ID: 322118

Eğitim Bilgileri

Doktora, University of Delaware, Bilgisayar Bilimi, Amerika Birleşik Devletleri 2011 - 2017

Yüksek Lisans, University of Delaware, Bilgisayar Bilimi, Amerika Birleşik Devletleri 2009 - 2011

Lisans, Selçuk Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Türkiye 2003 - 2007

Yaptığı Tezler

Doktora, Empirically Investigating Energy Impacts Of Software Engineering Decisions, University of Delaware, Bilgisayar Bilimi, 2017

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Supporting software evolution through feedback on executing/skipping energy tests for proposed source code changes**
Sahin Ç., Pollock L., Clause J.
JOURNAL OF SOFTWARE-EVOLUTION AND PROCESS, cilt.31, sa.4, 2019 (SCI-Expanded)
- II. **How does code obfuscation impact energy usage?**
Sahin Ç., Wan M., Tornquist P., McKenna R., Pearson Z., Halfond W. G. J., Clause J.
JOURNAL OF SOFTWARE-EVOLUTION AND PROCESS, cilt.28, sa.7, ss.565-588, 2016 (SCI-Expanded)
- III. **From benchmarks to real apps: Exploring the energy impacts of performance-directed changes**
Sahin Ç., Pollock L., Clause J.
JOURNAL OF SYSTEMS AND SOFTWARE, cilt.117, ss.307-316, 2016 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Designing a Distributed Multi-agent System for Compiler Optimization**
Sari A., Şahin Ç., Butun I.
2021 Zooming Innovation in Consumer Technologies Conference, ZINC 2021, Novi-Sad, Sırbistan, 26 - 27 Mayıs 2021, ss.269-274
- II. **Integrated energy-directed test suite optimization**
Li D., Jin Y., ŞAHİN Ç., Clause J., Halfond W. G. J.
23rd International Symposium on Software Testing and Analysis, ISSTA 2014, California, Amerika Birleşik Devletleri, 21 - 25 Temmuz 2014, ss.339-350

- III. **How Does Code Obfuscation Impact Energy Usage?**
Sahin Ç., Tornquist P., McKenna R., Pearson Z., Clause J.
30th IEEE International Conference on Software Maintenance and Evolution (ICSME), Victoria, Kanada, 28 Eylül - 03 Ekim 2014, ss.131-140
- IV. **How do code refactorings affect energy usage?**
ŞAHİN Ç., Pollock L., Clause J.
8th ACM/IEEE International Symposium on Empirical Software Engineering and Measurement, ESEM 2014, Torino, İtalya, 18 - 19 Eylül 2014
- V. **Energy-Directed Test Suite Optimization**
Li D., Sahin Ç., Clause J., Halfond W. G. J.
2nd International Workshop on Green and Sustainable Software (GREENS), San-Francisco, Kostarika, 20 Mayıs 2013, ss.62-69
- VI. **Investigating the Impacts of Web Servers on Web Application Energy Usage**
Manotas I., Sahin Ç., Clause J., Pollock L., Winbladh K.
2nd International Workshop on Green and Sustainable Software (GREENS), San-Francisco, Kostarika, 20 Mayıs 2013, ss.16-23
- VII. **Towards power reduction through improved software design**
ŞAHİN Ç., Cayci F., Clause J., Kiamilev F., Pollock L., Winbladh K.
2012 IEEE Energytech, Energytech 2012, Cleveland, OH, Amerika Birleşik Devletleri, 29 - 31 Mayıs 2012
- VIII. **Initial explorations on design pattern energy usage**
ŞAHİN Ç., Cayci F., Gutiérrez I. L. M., Clause J., Kiamilev F., Pollock L., Winbladh K.
2012 1st International Workshop on Green and Sustainable Software, GREENS 2012, Zürich, İsviçre, 03 Haziran 2012, ss.55-61

Metrikler

Yayın: 11

Atıf (WoS): 70

Atıf (Scopus): 296

H-İndeks (WoS): 5

H-İndeks (Scopus): 9