



*Computer Science and Engineering / Software and
Information Systems*

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Education

- Ph.D: Sharif University of Technology, Computer Engineering
- B.Sc: Tehran University,
- M.Sc: Sharif University of Technology,

Research Interests

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Professional Experiences

- , 1400→Now
- , 1399→1400
- , 1398→1399
- , 1398→1401

Industry Collaborations

- تولید مقالات علمی، شرکت در جلسات هیئت تحریریه نشریه بنیان و دآوری مقالات
1397

Journal Papers

- Research trend prediction in computer science publications: a deep neural network approach

■ **An Improved Grey Wolves Optimization Algorithm for Dynamic Community Detection and Data Clustering**

Fatemeh Besharatnia, Alireza Talebpour, Sadegh Aliakbary
APPLIED ARTIFICIAL INTELLIGENCE, Vol.35, pp. 1-23, 2021

■ **Metaheuristic Multi-Objective Method to Detect Communities on Dynamic Social Networks**

Fatemeh Besharatnia, Alireza Talebpour, Sadegh Aliakbary
International Journal of Computational Intelligence Systems, Vol.14, pp. 1356-1372, 2021

■ **Automatic generation of adaptive network models based on similarity to the desired complex network**

Niousha Attar, Sadegh Aliakbary, Zahra Hosseini-zhadmohebbati
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, Vol.545, 2020

■ **Graph theoretical approach for screening autism on brain complex networks**

Sima Ataei, Niousha Attar, Sadegh Aliakbary, Fatemeh Bakouie
SN Applied Sciences, Vol.1, 2019

■ **Predicting citation counts based on deep neural network learning techniques**

Ali Abrishami, Sadegh Aliakbary
Journal of Informetrics, Vol.13, pp. 485-499, 2019

■ **CLASSIFICATION OF COMPLEX NETWORKS BASED ON SIMILARITY OF TOPOLOGICAL NETWORK FEATURES**

Niousha Attar, Sadegh Aliakbary
CHAOS, Vol.27, pp. 91102-91107, 2017

■ **Noise-tolerant model selection and parameter estimation for complex networks**

Sadegh Aliakbary, Sadegh Motallebi, Sina Rashidian, Jafar Habibi, Ali Movaghar
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, Vol.427, pp. 100-112, 2015

■ **Feature Extraction from Degree Distribution for Comparison and Analysis of Complex Networks**

Sadegh Aliakbary, Jafar Habibi, Ali Movaghar
COMPUTER JOURNAL, Vol.9, pp. 2079-2091, 2015

■ **Generative model selection using a scalable and size-independent complex network classifier**

Sadegh Motallebi, Sadegh Aliakbary, Jafar Habibi
CHAOS, Vol.23, pp. 1-11, 2013

■ **ارائه یک موتور جستجو برای بازیابی رویداد ساختارمند از منابع خبری**

علیرضا میرزائیان، صادق علی اکبری

مهندسی برق و مهندسی کامپیوتر ایران، نسخه ۱۹، صفحات: ۲۲۱-۲۲۷، ۱۳۹۹

Conference Papers

■ **Towards Study of Research Topics Evolution in Artificial Intelligence based on Topic Embedding**

Seyed Reza Taher Harikandeh, Sadegh Aliakbary, Soroush Taheri
11th International Conference on Computer and Knowledge Engineering (ICCKE2021)

■ **Graph Theoretical Approach for Screening Autism on Brain Complex Networks**

Sima Ataei, , Sadegh Aliakbary, Fatemeh Bakouie
the international conference on contemporary issues in data science

■ **Towards quantitative methods to assess network generative models**

Vahid Mirza Ebrahim Mostofi, Sadegh Aliakbary
The 7th International Conference on Complex Networks and Their Applications, Vol.7, pp.159-161

■ **On feature prediction in temporal social networks based on artificial neural network learning**

■ **A High-Level and Scalable Approach for Generating Scale-Free Graphs using Active Objects**

keyvan azadbakht, nikolaos Bezirgiannis, frank de boer, Sadegh Aliakbary
31st Annual ACM Symposium on Applied Computing, pp.1244-1250

■ **ارائه روشی برای تشخیص اختلال اتیسم با استفاده از ویژگی های شبکه پیچیده مغز**

سیما عطائی، نیوشا عطار، صادق علی اکبری، فاطمه باکوئی

امین کنفرانس ملی سالانه انجمن کامپیوتر ایران ۲۴

■ **کشف انجمن در شبکه های اجتماعی ایستا با استفاده از الگوریتم بهینه ساز گرگ خاکستری**

فاطمه بشارت نیا، علیرضا طالب پور، صادق علی اکبری

چهارمین کنفرانس موضوعات نوین در علوم کامپیوتر و اطلاعات، صفحات: ۱-۷

M.Sc. Theses

■ **Using empirical data to support technology selection in software architecture decision-making**

Seyed Mohammad Masoud Sadrnezhad
2022

■ **Research Trend Prediction in Computer Science Publications**

Soroush Taheri
2021

■ **Time prediction in business process instances using data mining techniques**

Zahra Hosseininezhadmohebbati
2021

■ **Towards an approach for feature definition and clustering of household sector based on socio-economic indicators**

Parisa Ebrahimifar
2020

■ **recommender system to improving actions in BPMS**

Vahid Sotudeh gharebagh
2020

■ **A Search Engine for Event Retrieval from Heterogenous New Sources**

Alireza Mirzaeiyan
2020

■

Vahid Mirza Ebrahim Mostofi
2019

■

Sima Ataei
2019

■

Ali Abrishami
2018



Saina Mohamadyari Nigjeh
2017



Niousha Attar
2017