EK-2

ÖZGEÇMİŞ VE ESERLER LİSTESİ

ÖZGEÇMİŞ

Adı ve Soyadı: Emir (Amir) SEYYEDABBASİ

Doğum Tarihi: 14/07/1989

Uyruk: Türkiye Cumhuriyeti

Akademik Unvanı: Doç.Dr.

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Bildiği Yabancı Diller (Puan ve Yılı): Türkce: B2 **İnglizce:** B2

Aldığı Sertifikalar:

Uzmanlık Alanı:

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Bilişim Teknolojileri Mühendisliği (IT)	Payame-noor University (İran)	2008-2012
Y. Lisans	Bilgisayar bilimleri ve mühendisliği	Azat Üniversitesi (İran)	2012-2015
Doktora	Bilgisayar bilimleri ve mühendisliği	İstanbul Sabahattin Zaim	2015-2020
Doç. / Prof.	Bilgisayar bilimleri ve mühendisliği	ÜAK	2023

Yüksek Lisans Tez Başlığı (özeti ekte) ve Tez Danışman(lar)ı:

Tez Başlığı : Selection of Optimum Features for Content-Based Image Retrieval using and Evolutionary Algorithm (BBO)

Tez Danışmanı: Dr. Öğr. Üyesi Mehdi ALİLOU

Doktora Tezi/S.Yeterlik Çalışması/Tıpta Uzmanlık Tezi Başlığı (özeti ekte) ve Danışman(lar)ı:

Tez Başlığı : Improvement of Energy Efficient in Low Power Wireless Sensor Networks

Tez Danışmanı: Doç. Dr. Farzad KIANI

Görevler:

Görev Unvanı	Görev Yeri	Yıl

Dr. Öğr. Üyesi	Beykent Üniversitesi	2020- 2022
Dr. Öğr. Üyesi	İstinye Üniversitesi	2022- 2023
Doç.Dr.	İstinye Üniversitesi	2023- Devam ediyor

Yönetilen Yüksek Lisans Tezleri:

Tez Konusu: A Hybrid Metaheuristic Algorithm for the Localization Mobile Sensor Nodes

Tez Öğrencisi: Bilgisayar Müh. Hasan SANCAR KIRTIK

Tez Savunma Sınav Tarihi: Şubat 2022

Tez Konusu: A New Hybrid Metaheuristic Algorithm Applied on a Classification Problem

Tez Öğrencisi: Bilgisayar Müh. Armir KAÇABETİ

Tez Savunma Sınav Tarihi: Ağustos 2021

Yönetilen Doktora Tezleri/Sanatta Yeterlik Çalışmaları :

……

Projelerde Yaptığı Görevler:

BAP Projesi: Self-managed Routing Algorithm for Intelligent Agriculture Fields Design (Bursiyer), 2017-2018.

İdari Görevler:

2022-halen: Yazılım mühendisliği staj komisyonu koordinatörü

Bilimsel Kuruluşlara Üyelikler:

Ödüller:

Son iki yılda verdiği lisans ve lisansüstü düzeydeki dersler (Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir)**:**

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2022-2023	Güz	Programlama 2 C++	3	2	213
		Gömülü sitemler	3	1	50
2022-2023	Güz	Programlama 1 C	3	2	143
		Yazlım Mühendisliğine giriş	3	1	85
		Bilgisayar Mühendisliğine giriş	3	1	45
2021-2023	Bahar	Ağ Programlama	3	1	40

		Programlama Teori ve Pratiği 2 (C++)	3	2	93
2021-2022	Güz	Programlama dili Kavramları	2	2	88
		Görsel programlama	2	2	100
		İşletim sistemleri	2	1	79
2020-2021	Güz	Veri Yapıları ve Algoritmalar	2	2	152
		Görsel Programlama	2	2	36
	Bahar	Veri Yapıları ve Algoritmalar	2	2	30
		Algoritmalar ve programlama	2	1	143
	Yaz	Bilgisayar Ağları	2	1	5

ESERLER

A. Uluslararası hakemli dergilerde yayımlanan makaleler:

A.1 **Amir SEYYEDABBASI**, A reinforcement learning-based metaheuristic algorithm for solving global optimization problems. Advances in Engineering Software , 2023 (Q1)

A.2 **Amir Seyyedabbasi**, Ferzat Anka, Tofigh Allahviranlou, Unai Fernandez-Gamiz, Samad Noeiaghdam , Optimal data transmission and pathfinding for WSN and decentralized IoT systems using I-GWO and Ex-GWO algorithms, ALEXANDRIA ENGINEERING JOURNAL , 2023(Q1)

A.3 Vahid Tavakol Aghaei, **Amir Seyyedabbasi**, Jawad Rasheed, Adnan M. Abu-Mahfouz , Sand cat swarm optimization-based feedback controller design for nonlinear systems. :Heliyon , 2023 (Q2).

A.4 Arasteh, Bahman, **Amir Seyyedabbasi**, Jawad Rasheed, and Adnan M. Abu-Mahfouz. "Program Source-Code Re-Modularization Using a Discretized and Modified Sand Cat Swarm Optimization Algorithm." Symmetry 15, no. 2 (2023): 401 (Q2).

A.5 Nematzadeh, Sajjad, Mahsa Torkamanian-Afshar, **Amir Seyyedabbasi**, and Farzad Kiani. "Maximizing coverage and maintaining connectivity in WSN and decentralized IoT: an efficient metaheuristic-based method for environment-aware node deployment." Neural Computing and Applications 35, no. 1 (2023): 611-641(Q2).

A.6 **Amir SEYYEDABBASI**, WOASCALF: A new hybrid whale optimization algorithm based on sine cosine algorithm and levy flight to solve global optimization problems. Advances in Engineering Software , 2022 (Q1).

A.7 **Amir Seyyedabbasi**, and Farzad Kiani. "Sand Cat swarm optimization: A nature-inspired algorithm to solve global optimization problems." Engineering with Computers (2022): 1-25(Q1).

A.8 Farzad Kiani, Giovanni Randazzo, Ilkay Yelmen, **Amir Seyyedabbasi**, Sajjad Nematzadeh, Fateme Aysin Anka, Fahri Erenel, Metin Zontul, Stefania Lanza, Anselme Muzirafuti, A smart and mechanized agricultural application: From cultivation to harvest, Applied Sciences, 12(12),2022(Q2).

A.9 Farzad Kiani, **Amir Seyyedabbasi**, Sajjad Nematzadeh, Fuat Candan, Taner Çevik, Fateme Aysin Anka, Giovanni Randazzo, Stefania Lanza, Anselme Muzirafuti Adaptive metaheuristic-based methods for autonomous robot path planning: sustainable agricultural applications, Applied Sciences, 12(3), 2022, (Q2).

A.10 **Amir SEYYEDABBASI**, Farzad KIANI**.** Hybrid Algorithms based on Combining Reinforcement Learning and Metaheuristic Methods to Solve Global Optimization Problems. Knowledge-based systems, 2021 (Q1)

A.11 Farzad KIANI, **Amir SEYYEDABBASI**, Adapted-RRT: Novel Hybrid Method to Solve Three-Dimensional PathPlanning Problem using Sampling and Metaheuristic based Algorithms, Neural Computing and Applications, 22 (4), 743-755,2021. (Q1)

A.12 Farzad KIANI, Sajjad Nematzadehmiandoab, **Amir SEYYEDABBASI**, Improving the Performance of Hierarchical Wireless Sensor Networks using the Metaheuristic Algorithms: Efficient Cluster Head Selection, Sensor Review, 13 October 2021. (Q3)

A.13 Farzad KIANI, **Amir SEYYEDABBASI**, Peyman MAHOUTI, Optimal Characterization of a Microwave Transistor Using Grey Wolf Algorithms, Analog Integrated Circuits and Signal Processing, 109 (3), 599-609,2021. (Q4)

A.14 Farzad KIANI, **Amir SEYYEDABBASI**. PPI-GWO and PPEx-GWO: 3D Path Planning for Mobile Autonomous Robots Inspired by Grey Wolf Algorithms, Journal of Internet Technology, 2021.(Q4)

A.15 Amir SEYYEDABBASI, Farzad KIANI. I-GWO and Ex-GWO: improved algorithms of the Grey Wolf Optimizer to solve global optimization problems. Springer, Engineering with Computers, Volume 37, p. 509–532, 2021. (Q1)

A.16 Amir SEYYEDABBASI, Farzad KIANI. MAP-ACO: An efficient protocol for multi-agent pathfinding in real-time WSN and decentralized IoT systems, Microprocessors and Microsystems, Volume 79, November 2020.(Q3)

A.17 Amir SEYYEDABBASI, Gulustan DOGAN, Farzad KIANI. HEEL: A New Clustering Method to Improve Network Lifetime. Amir Seyyedabbasi. IET Wireless Sensor Systems, Volume 10, Issue 3, p. 130 – 136, June 2020. (Q2)

A.18 Amir SEYYEDABBASI, Farzad KIANI, Decrease Electricity Consumption in Rooms with IoT Technology. International Journal of Information Systems and Computer Sciences (IJISCS) Warse, Volume: 09, Issue: 03, Feb 2020.

A.19 Farzad KIANI, Sajjad Nematzadehmiandoab, **Amir SEYYEDABBASI,** Designing a dynamic protocol for real-time Industrial Internet of Things-based applications by efficient management of system resources, Advances in Mechanical Engineering, Vol. 11, No10, 2019. (Q3)

A.20 Farzad KIANI, **Amir SEYYEDABBASI**. Wireless Sensor Network and Internet of Things in Precision Agriculture (IJACSA) International Journal of Advanced Computer Science and Applications,Vol. 9, No. 6, 2018. (Q3).

A.21 Amir SEYYEDABBASI, Fuat CANDAN, Farzad KIANI. A Method for Forecasting Weather Condition by Using Artificial Neural Network Algorithm. ICTACT Journal on Soft Computing, Volume: 08, Issue: 03, April 2018.

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (*proceedings*) basılan bildiriler:

B.1 **Amir Seyyedabbasi**, "Solve the Inverse Kinematics of Robot Arms using Sand Cat Swarm Optimization (SCSO) Algorithm." In 2022 International Conference on Theoretical and Applied Computer Science and Engineering (ICTASCE), pp. 127-131. IEEE, 2022.

B.2 Hasan Kirtil, **Amir Seyyedabbasi**, A Hybrid Metaheuristic Algorithm for the Localization Mobile Sensor Nodes, Forthcoming Networks and Sustainability in the IoT Era. FoNeS-IoT 2021.

B.3 **Amir Seyyedabbasi**. Farzad KIANI. Information of Road Events by using Wireless Sensor Networks to Vehicles, 2nd International Conference on Innovation In Science & Technology, *Singapore, Singapore*, 2016.

B.4 **Amir Seyyedabbasi**, The use of cloud computing in education, National Conference on Computer Science in Shahid Behehshti University, *Tehran-iran* 2014.

B.5 **Amir Seyyedabbasi,** Abdolreza Hatamloo, Survey on Biography Based Optimaztion(BBO), National Conference on Computer Science in Shahid Behehshti University, *Tehran-Iran* 2014 .

B.6 **Amir Seyyedabbasi**, Amir Omidi, Survey on the Digital Signature Algorithm, Provincial Conference on Software Engineering, *Mako-Iran* May 2011.

C. Yazılan ulusal/uluslararası kitaplar veya kitaplardaki bölümler:

C1. Yazılan ulusal/uluslararası kitaplar:

C1.1. .....

C2. Yazılan ulusal/uluslararası kitaplardaki bölümler:

C2.1. Farzad Kiani, **Amir Seyyedabbasi**, "Metaheuristic algorithms in IoT: optimized edge node localization", Engineering Applications of Modern Metaheuristics, Pages 19-39, Springer,2022.

D. Ulusal hakemli dergilerde yayımlanan makaleler:

D1. .....

E. Ulusal bilimsel toplantılarda sunulan ve bildiri kitaplarında basılan bildiriler:

E1. **Amir Seyyedabbasi,** Farzad KIANI. Pervasive and Ubiquitous Computing, publication description International Conference on Advances and Innovations in Engineering (ICAIE), *Elazig, Turkey, 2017*.
E2. Amir Seyyedabbasi, Farzad KIANI. Wireless and Impreadable Wireless Sensor Networks, publication description International Conference on Advances and Innovations in Engineering (ICAIE), *Elazig, Turkey, 2017*.
E3. Amir Seyyedabbasi. Hadoop Frameworks Used in Big Data Processing Calculations, 5th International conference on Research in Engineering, *Istanbul, Turkey, 2017*.
E4. Amir Seyyedabbasi, Cluster & Data guard Systems, 5th International conference on Research in Engineering, *Istanbul, Turkey*, 2017.
E5. Amir Seyyedabbasi. Future Medical and Wireless Sensor Networks, 5th International conference on Research in Engineering, *Istanbul, Turkey, 2017*.
E6. Amir Seyyedabbasi, Quantum Computing and Computers, 5th International conference on Research in Engineering, *Istanbul, Turkey, 2017*.
E7. Amir Seyyedabbasi. Wireless Sensor Networks and Target Tracking, 5th International conference on Research in Engineering*, Istanbul, Turkey*, 2017.

F. Sanat ve tasarım etkinlikleri:

F1. .....

G. Diğer yayınlar:

(Yukarıdaki maddelerde yer alan başlıklardaki kategorilere girmeyen ve belirtilmek istenen tüm eserler bu maddenin altında belirtilecektir.)

G1. .....