

EK-6
ÖZGEÇMİŞ

1. **Adı Soyadı:** Abdul Hafiz ABDULHAFIZ
2. **Doğum Tarihi:** 25 – 07 – 1973
3. **Unvanı:** Dr. Öğretim üyesi
4. **Öğrenim Durumu:** Ph.D

Derece	Alan	Üniversite	Yıl
Lisans	Elektrik-Elektronik mühendislik- Otomatik Kontrol	Halep Üniversitesi	1996
Y. Lisans	Bilgisayar Mühendisliği - Yapay zeka	University of Hyderabad	2003
Doktora	Bilgisayar Bilimi ve Mühendisliği	Osmania University	2008

5. **Akademik Unvanlar:**

Yardımcı Doçentlik Tarihi : 2008
Doçentlik Tarihi :
Profesörlük Tarihi :

6. **Yönetilen Yüksek Lisans ve Doktora Tezleri**

6.1. **Yüksek Lisans Tezleri**

1. Human Visual Detection and Tracking in Video Sequence
2. Electronic Public Distribution System, E- Government Food Department

6.2. **Doktora Tezleri**

Moving object grasping in space using image based visual servoing, co-supervised.

7. **Yayınlar**

7.1. **Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)**

1. A.H. Abdul Hafez, Ammar Tello, Saed Alqaraleh, "DTW as a Classifier: Deep Learning based Place Recognition", Submitted to Journals of Intelligent Robots and Systems. JINT 2019.
2. A.H. Abdul Hafez, Nakul Agarwal, and C.V. Jawahar, "Connecting visual experiences using Max-flow network with application to visual localization", Published in arXiv,
3. Tala Bonny, Tamer Rabie, and A.H. Abdul Hafez, "Multiple Histogram-based Face Recognition with High Speed FPGA Implementation". *Journal Multimedia Tools and Applications*, Volume 77, Issue 18, pp 24269–24288, **2018**.
4. A.H. Abdul Hafez, and Gaurav Harit, "GuideMe: Recognition and Servoing on Mobiles". *Arabian Journal of Science and Engineering*, accepted **2018**.
5. A.H. Abdul Hafez, and Visesh Chari, "Reliable 2D Tracking using good texture and edge features for Robotic Vision". *Journal of Control Engineering and Applied Informatics*, **2018**.
6. A.H. Abdul Hafez, V.V. Anurag, S. V. Shah, and M. Krishna, "Reactionless Visual Servoing of multi-arm Space Robot combined with other tasks". *Journal of Robotics and Autonomous Systems RAS*, 2017.

7. Ayman Sharif and A.H. Abdul Hafez; "Visual punched card reader for the textile industry", *Automatika Journal for Control, Measurement, Electronics, Computing and Communications*, In Press, 2016.
8. A.H. Abdul Hafez, Swagatika Panda, and C.V. Jawahar, "Single and Multiple View Support Order Prediction in Clutter for Manipulation", *Journal on Intelligent and Robotic Systems*, JINT, Springer, (DOI: 10.1007/s10846-015-0330-z, 2016).
9. A.H. Abdul Hafez, Manpreet Aorora, C.V. Jawahar, and M. Krishna, "Learning multiple experiences useful visual features for active maps localization in crowded environments", *Advanced Robotics (AR)*, Volume 30, Issue 1, 2016.
10. A. H. Abdul Hafez, "Depth estimation using Particle filter for Image-based Visual Servoing", *Journal of Control Engineering and Applied Informatics*, CEAI, Volume 18, Issue 2, 2016.
11. A.H. Abdul Hafez, Anil Nilakanti, and C.V. Jawahar, "Path planning for visual navigation and control using Convex Optimization", *International Journal of Robotics and Automation*, Vol 30, No 3, 2015.
12. A. H. Abdul Hafez, "Sequential Covariance-weighted Quasiconvex solution to Mapping in Visual SLAM ", *Journal of Control Engineering and Applied Informatics*, CEAI, Vol 17, No 1, 2015.
13. A.H. Abdul Hafez, Enric Cervera, "Particle-filter-based Pose estimation using from controlled motion with Application to Visual Servoing", *International Journal of Advanced Robotic Systems*, vol 11, 2014.
14. A.H. Abdul Hafez, "Visual Servo control by Optimizing Hybrid objective function with visibility and path constraints", *Journal of Control Engineering and Applied Informatics*, CEAI, Vol 16, No 2, 2014.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

1. Waed Khwies, and A. H. Abdul Hafez, "Pronunciation Correction of Emphatic Arabic Sounds using Verbotonal Method", *The Journal of Computer Science and Engineering in Arabic*, Vol 5, No 2, 2014.

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

1. A. H. Abdul Hafez, Ammar Tello, Saed Alqaraleh, "Dynamic Time Warping of Deep learning features for Place Recognition", Submitted to IEEE ICRA 2020.
2. Vishnu Sashank Dorbala, A. H. Abdul Hafez, C.V. Jawahar, "Convolutional Neural Networks for Robust Image Based Visual Servoing in a Corridor Following Task", IEEE IROS 2019.
3. Arka Ujjal Dey, A H Abdul Hafez, and Gaurav Harit, "Greedy Gaussian Process Regression Applied to Object Categorization and Regression", accepted by ICVGIP 2018, Hyderabad, India.
4. Rachit Bhargava, A. H. Abdul Hafez, Suril Vijaykumar Shah, "Image Space based Path Planning for Reactionless Manipulation of Redundant Space Robot", IEEE IROS 2016.
5. Somar Boubou, A.H. Abdul Hafez, and Einoshin. Suzuki, "Visual Impression Localization of Autonomous Robots ", IEEE International Conference on Automation Engineering and Science, CAES 2015, Gothenberg - Sweden.
6. V.V. Anurag, A.H. Abdul Hafez, S. V. Shah, "Switching Approach for Algorithmic Singularity Avoidance during Reactionless Visual Servoing of a Space Robot ", IEEE International Conference on Advanced Robotics, ICAR 2015, Istanbul-Turkey.

7. A.H. Abdul Hafez, V.V. Anurag, S. V. Shah and C.V. Jawahar, "Reactionless Visual Servoing of dual-arm Space Robot", IEEE International Conference on Robotics and Automation, ICRA 2014. Hong Kong, China.
8. A.H. Abdul Hafez, Manpreet Singh, K. Madhava Krishna and C V Jawahar, "Visual Localization in Highly Crowded Urban Environments", The IEEE International Conference on Intelligent Robots and Systems IROS, 03-08 Nov. 2013, Tokyo, Japan.
9. Swagatika Panda, A.H. Abdul Hafez and C V Jawahar "Learning Support Order for Manipulation in Clutter", The IEEE International Conference on Intelligent Robots and Systems IROS, 03-08 Nov. 2013, Tokyo, Japan.

7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

1. Learning and Probabilistic Methods for Visual Servoing and Tracking: An Optimization Approach, Scolar Press
2. Guide to C++ programing in Arabic
3. MFC for Windows applications in Arabic

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

1. Matching Image Sequences using Dynamic Programming for Visual Localization Applications

7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

1. Ammar Tello, A. H. Abdul Hafez, "Enhancing Deep learning based place recognition using Fisher Vectors", Submitted to IEEE SIU 2020.
2. Ammar Tello, Saed Alqarale, A.H. Abdul Hafez, Visual Localization by DTW-based image sequence alignment", submitted to IEEE SIU 2019.
3. A. H. Abdul Hafez, "Partitioned Environment for Visual Localization", IEEE SIU 2018.

7.7. Diğer yayınlar

7.8. Uluslararası Atıflar

Web of Science:

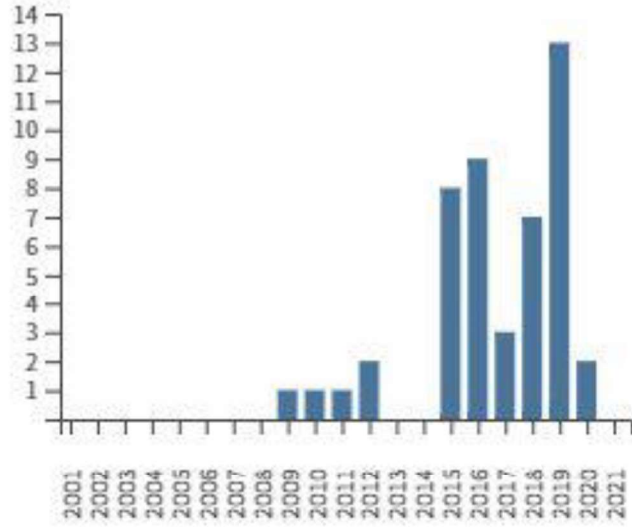
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Toplam Atıf Sayısı: 47

Ortalama Atıf: 2,76

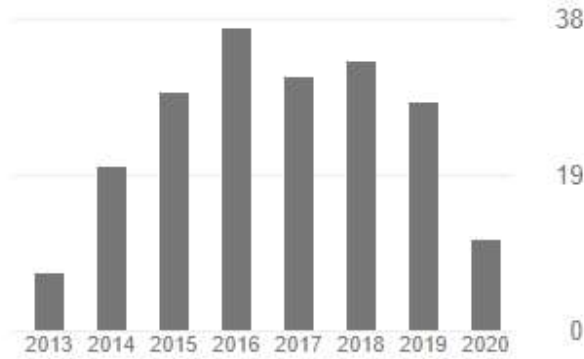
H-Index: 4

Yıllara Göre Atıf Sayısı



Google Scholar:

	Hepsi	2015 yılından bugüne
Alıntılar	268	171
h-endeksi	10	9
i10-endeksi	11	8



8. Projeler

1. **Co-Principal investigator**, *CARA scheme* project, one-year project, 20K \$ budget, Topic: Machine learning based low cost semi-autonomous powered wheelchair. UK.
2. **Principal investigator**, *Tubitak 1001* project, Three-year project with 100K \$ budget, Topic: Visual navigation and control of semi-autonomous wheelchair system in outdoor environment. Turkey.
3. **Principal investigator**, *Tubitak 1002* project, one-year project with 10K \$ budget, Topic: Visual localization by DTW sequence alignment and visual codebook of deep learning features, Turkey.
4. **Supervisor**, *Tubitak 2029B* project, one year, Topic: Autonomous navigation in indoor, Turkey.

5. **Researcher** in two projects supervised by Dr. CV Jawahar, IIIT-Hyderabad, India.

9. **İdari Görevler**

10. **Bilimsel ve Mesleki Kuruluşlara Üyelikler**

1. IEEE üyeliği 2002-
2. Suriye Bilgisayar Derneği üyeliği 2000-2012
3. Suriyeli Mühendisler Sendikası üyeliği 1997-2012
4. Suriyeli Öğretmenler Sendika üyeliği 1997-2012

11. **Ödüller**

1. Teşekkür belgesi (Hasan Kalyoncu üniversite-2018): 2017 yılında gerçekleştirdiğiniz bilimsel çalışmalarla üniversitemize sağlamış olduğunuz katkılardan
2. Teşekkür belgesi (Hasan Kalyoncu üniversite-2017): 2016 yılında gerçekleştirdiğiniz bilimsel çalışmalarla üniversitemize sağlamış olduğunuz katkılardan
3. Teşekkür belgesi (Hasan Kalyoncu üniversite-2016): 2015 yılında gerçekleştirdiğiniz bilimsel çalışmalarla üniversitemize sağlamış olduğunuz katkılardan
4. Teşekkür belgesi (Hasan Kalyoncu üniversite-2015): 2014 yılında gerçekleştirdiğiniz bilimsel çalışmalarla üniversitemize sağlamış olduğunuz katkılardan

12. **Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.**

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2017-2018	Güz	Computer Architecture and Organization	3	2	20
		Örüntü Tanıma ve Makine Öğrenme	3	0	15
		Pattern Recognition Master	3	0	5
	İlkbahar	Görüntü İşleme ve Analizi	2	2	15
		Digital Image Processing Master	3	0	4
2018-2019	Güz	Computer Architecture and Organization	3	2	25
		Örüntü Tanıma ve Makine Öğrenme	3	0	15
		Sinyaller ve Sistemler	3	0	35
		Computer and Robotic Vision Master	3	0	5
	İlkbahar	Görüntü İşleme ve Analizi	2	2	7
		Digital Image Processing Master	3	0	6
2019 - 2020	Güz	Bilgisayar Mimarisi ve Organizasyonu	3	2	19
		Elektronik Devreler	3	2	26
		Sinyaller ve Sistemler	3	0	48
		Veri Bilişimi ve Bilgisayar Ağları	3	0	33
	İlkbahar	Bilgisayar Grafikleri	3	2	29
		Bilgisayar Programlama II	3	2	43

Not: Açılmışsa, yaz döneminde verilen dersler de tabloya ilave edilecektir.