

MOHAMED AHMED MAHMOUD ABDELWAHAB

55 Hadaeq El mohandeseen, Neighborhood 63, 10th of Ramadan, Egypt

Phone: +2 011 0075 5682

Email: mohamed_abdelwahab2010@eng.asu.edu.eg

Education

- 7/2020 Egypt-Japan University of Science and Technology, School of Innovative Design Engineering.
Doctor of Philosophy in Mechatronics and Robotics Engineering.
Thesis title “**Development of an Intelligent Control Approach for an Autonomous Vehicle in Unstructured Environment**”
- 11/2015 Ain shams University, Faculty of Engineering.
Master of science in Mechanical Engineering.
Thesis title “**Performance of a Vehicle Adaptive Cruise Control System Using Fuzzy Logic**”
- 8/2010 Ain shams University, Faculty of Engineering.
Bachelor of Science in Mechanical Engineering.
Grade: Very good.

Experience

- 9/2020 – Present **Teaching assistant**, Faculty of Engineering, Ain Shams University, Cairo, Egypt.
- 2/2018 – 9/2018 **Teaching assistant**, Egypt-Japan University of Science and Technology, Alexandria, Egypt.
- Teaches Mechanics (Static and Dynamics).
- 9/2011 – 1/2017 **Teaching assistant**, Faculty of Engineering, Ain Shams University, Cairo, Egypt.
- Teaches modeling and simulation, Engine Diagnosis tool demonstration, Engineering drawing and assembly, Theory of automotive and Electronics of vehicles.
 - Coaches students during Electric hybrid car, solar car, Formula student car graduation projects.
 - Coaches students during quadcopter projects
- 9/2010 – 1/2017 **Research assistant**, Assist in Automotive Engineering Lab, Cairo, Egypt.
- Participated in vehicle operator model project.
 - Assisted in Braking System modeling project.
 - Assisted in two and four-wheel steering system modeling project.
 - Assisted in clutch System modeling project.
- 2/2015 – 1/2017 Participated in Golf vehicle design and manufacturing project.

6/2012 – 5/2013 Participated in commercial vehicle design and manufacturing project at ICG (Industrial control group).

Computer Skills MATLAB, Simulink, Stateflow, Simscape, Autodesk Inventor, AutoCAD, Arduino, Carsim, Microsoft Office (Word, Excel, PowerPoint)

Languages Arabic (native speaker), English (Very Good).

Personal Data

- Date of Birth: 18/07/1988
- Nationality: Egyptian
- Marital Status: Married
- Have a Driving License

Hobbies Internet, Football and chess.

**Web of Science
Researcher ID** [AAV-9649-2020](#)

ORCID [0000-0003-2116-0743](#)

Scopus Author ID [57211715564](#)

Mohamed Ahmed Mahmoud Abdelwahab

<https://publons.com/researcher/AAV-9649-2020/>

Web of Science ResearcherID: [AAV-9649-2020](#)

ORCID: 0000-0003-2116-0743

Current affiliation:

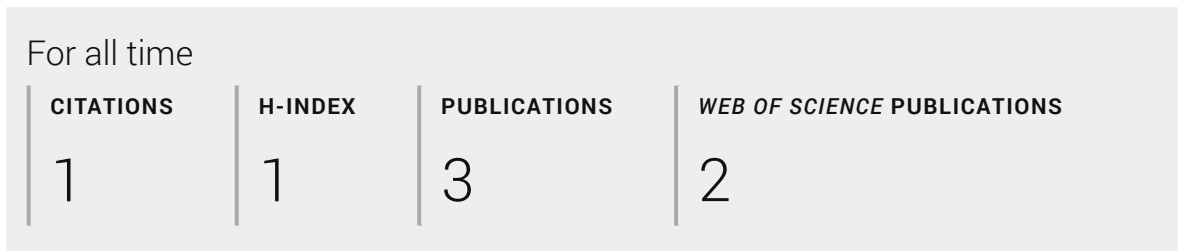
- Ain Shams University, Cairo, Egypt from 2020 until present

Previous affiliation:

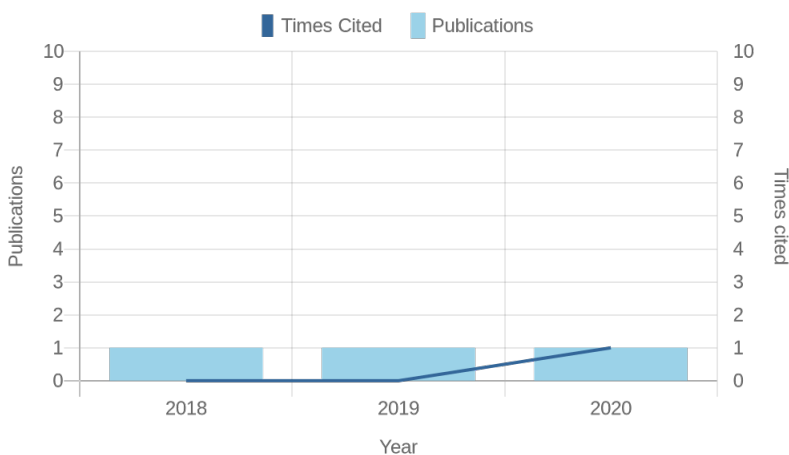
- Egypt Japan University of Science and Technology from 2017 until 2020

Publications

PUBLICATION METRICS



PUBLICATION IMPACT OVER TIME



PUBLISHING SUMMARY

(1) IEEE Global Conference on Life Sciences an...

(1) IEEE Access



(1) 57TH ANNUAL CONFERENCE OF THE SOCI...

Trajectory Tracking of Wheeled Mobile Robots Using Z-Number
Based Fuzzy Logic

0

Published: 2020 in IEEE Access

DOI: 10.1109/ACCESS.2020.2968421

On Path Planning using Minimal Aesthetic B-Spline Curves

Published: Mar 2019 in IEEE Global Conference on Life Sciences and Technologies (LifeTech)

DOI: 10.1109/LIFETECH.2019.8884013

Tackling Dead End Scenarios by Improving Follow Gap Method with
Genetic Programming

1

Published: Sep 2018 in 57TH ANNUAL CONFERENCE OF THE SOCIETY OF INSTRUMENT AND
CONTROL ENGINEERS OF JAPAN (SICE)

DOI: 10.23919/SICE.2018.8492687
