Taimoor Zahid

Assistant Professor

College of Electrical & Mechanical Engineering

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About

Dr. Taimoor Zahid is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Taimoor Zahid has a PhD in Computer Applied Technology . Dr. Taimoor Zahid has published 5 research articles & conference papers having a citation count of 266, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Computer Applied Technology   2014 - 2018
  University of the Chinese Academy of Sciences , China

BS in Electrical Engineering   2007 - 2011
  UET Taxila , Pakistan

Experience

Assistant Professor   2024- Present
  College of Electrical & Mechanical Engineering

Assistant Professor   2022 - 2022
  College of Electrical & Mechanical Engineering

Associate Researcher   2021 - 2022
  Shanghai Technology University , ShanghaiTech, Pudong New District, Shanghai, China

Senior Researcher/Postdoctor   2020 - 2020
  Vrije Universitiet Brussels, Belgium , 1050 Ixelles, Brussels, Belgium

Postdoctor   2018 - 2021
  Shenzhen University , College of Mechatronics and Control Engineering, Shenzhen University, Nanshan District,Shenzhen, China

Research Articles

Early Prediction of Remaining Useful Life for Lithium-ion Batteries based on CEEMDAN-Transformer-DNN Hybrid Model   2023

Taimoor Zahid Yuxiang Cai Weimin Li Chunhua Zheng Qingguang Zhang Kun Xu

Heliyon , Volume 9, Issue 7, Article Number e17754

Impact Factor: 4.0 | **Quartile:** 2 | **Citations:** 23
DOI: 10.1016/j.heliyon.2023.e17754

Workspace Design and Trajectory Planning of a Five Degree of Freedom Mobile Welding Manipulator for Spherical Objects   2021

Taimoor Zahid Zareena Kausar Muhammad Faizan Shah Muhammad Tallal Saeed Jianfei Pan

IEEE Access , Volume 9, Pages 73843-73856

Impact Factor: 3.476 | **Quartile:** 2 | **Citations:** 16
DOI: 10.1109/ACCESS.2021.3080299

An intelligent hybrid control to enhance applicability of mobile robots in cluttered environments   2021

Taimoor Zahid Zareena Kausar Muhammad Faizan Shah Muhammad Tallal Saeed Jianfei Pan

IEEE Access , Volume 9, Pages 50151-50162

Impact Factor: 3.476 | **Quartile:** 2 | **Citations:** 8
DOI: 10.1109/ACCESS.2021.3068988

State of charge estimation for electric vehicle power battery using advanced machine learning algorithm under diversified drive cycles   2018

Taimoor Zahid Kun Xu Weimin Li Chenming Li Hongzhe Li

Energy , Volume 162, Pages 871-882

Impact Factor: 5.537 | **Quartile:** 1 | **Citations:** 198
DOI: https://doi.org/10.1016/j.energy.2018.08.071

Machine learning an alternate technique to estimate the state of charge of energy storage devices   2017

Taimoor Zahid Weimin Li

Electronics Letters , Volume:53, Issue:25, Page:1665-1666

Impact Factor: 1.232 | **Quartile:** 3 | **Citations:** 21
DOI: https://doi.org/10.1049/el.2017.267