

Sajjad Haider Zaidi

Professor

Pakistan Navy Engineering College

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About

Dr. Sajjad Haider Zaidi is working as Professor in the Pakistan Navy Engineering College. Dr. Sajjad Haider Zaidi has a PhD in Electrical. Dr. Sajjad Haider Zaidi has published 58 research articles & conference papers having a citation count of 386, carried out 23 projects and filed 1 intellectual property.

Qualifications

PhD in Electrical Michigan State University , United States	2006 - 2010
MS in Electrical NUST, Islamabad , Pakistan	2004 - 2006

Experience

Professor Pakistan Navy Engineering College	2025- Present
Defence Faculty Pakistan Navy Engineering College	2010 - 2025
Associate Professor Pakistan Navy , PNS Jauhar, Karachi	1994 - 2017

Awards

Research Projects

National Projects	
Design and Prototyping of High Energy Density Electrical Machine for Gearbox Free Powertrain of Electric Vehicle Funding Agency: HEC Amount: PKR 10,143,000.00 Status: Approved_inprocess	2022
Mobile Platform Driver Monitoring and Safety System Funding Agency: IGNITE Amount: PKR N/A Status: Completed	2021
ARCBEV (A Rapid Charger for BEVs) Funding Agency: IGNITE Amount: PKR N/A Status: Completed	2021
Pick and Place Robotic Arm Funding Agency: IGNITE Amount: PKR N/A Status: Completed	2021
Transformer Health Monitoring System using FPGA Funding Agency: IGNITE Amount: PKR N/A Status: Completed	2021

Design & Simulation of Electric Propulsion system of underwater vehicle using MATLAB GUI	2020
Funding Agency: NESCOM	
Amount: PKR 150,000.00	
Status: Approved_inprocess	
Development and Designing Of Algorithm For intrusive fault analysis of Electrical Machines Using FPGA.	2018
Funding Agency: IGNITE	
Amount: PKR 70,000.00	
Status: Completed	
Automatic Detection and Classification of Underwater Man Made Objects (MIMO) and Minerals Detection	2018
Funding Agency: NESCOM	
Amount: PKR 300,000.00	
Status: Completed	
Development of Advanced Metering Infrastructure & Customer Side Systems	2017
Funding Agency: USAID / USPCASE	
Amount: PKR 2,892,000.00	
Status: Completed	
Design and Development of 3 x Liter Sprayer Systems for Drones	2022
Funding Agency: SUPARCO	
Amount: PKR 300,000.00	
Status: Completed	
Development of Advanced Metering Infrastructure and Customer Side Systems	2017
Funding Agency: USAID	
Amount: PKR 2,892,000.00	
Status: Completed	
Static Power Sources Synchronization	2019
Funding Agency: IGNITE	
Amount: PKR 64,650.00	
Status: Completed	
End of Line Automation	2019
Funding Agency: IGNITE	
Amount: PKR 69,500.00	
Status: Completed	
Transformer Health Monitoring system	2018
Funding Agency: IGNITE	
Amount: PKR 70,000.00	
Status: Completed	
Brain Computer Interface Controlled Light Bulb.	2018
Funding Agency: IGNITE	
Amount: PKR 73,000.00	
Status: Completed	
Single Phase Energy Meter	2019
Funding Agency: NUST	
Amount: PKR 300,000.00	
Status: Completed	
3 Phase Load Balancing System.	2018
Funding Agency: NUST	
Amount: PKR 250,000.00	
Status: Approved_inprocess	
Automatic Detection and Classification of underwater Man Made Object (Revised).	2018
Funding Agency: NESCOM	
Amount: PKR 300,000.00	
Status: Approved_inprocess	
Development of Advanced Metering Infrastructure & Costumer Side Systems.	2017
Funding Agency: USAID	

Amount: PKR 2,892,000.00
Status: Approved_inprocess

Design and Simulation of Underwater Acoustic Signal Transmitter for Modelled Complex Channels using MATLAB GUI 2016
Funding Agency: NESCOM
Amount: PKR 100,000.00
Status: Completed

Indigenous Development of Intrusion Detection System - Mustaed 2012
Funding Agency: NUST
Amount: PKR 480,000.00
Status: Completed

Development of Health Monitoring Systems for Distribution Transformer using Non-Intrusive and Intrusive Methods 2015
Funding Agency: HEC
Amount: PKR 12,250,000.00
Status: Completed

International Projects

Industry Projects

National Projects

Automated Visual Inspection System using Image Processing for Detection of Refrigerator Accessories 2021
Client: Private Industry
Amount: PKR 1,860,000.00
Status: Approved_inprocess

International Projects

Research Articles

Advancing Energy Integration: Renewable Sources, Ancillary Services, and Stability 2025
Asif Gulraiz Sajjad Zaidi Bilal Muhammad Khan
PLoS One , Volume: 20(6), Article Number: e0324812, Pages:49
Impact Factor: 2.900 | **Quartile:** 1
DOI: <https://doi.org/10.1371/journal.pone.0324812>

Impact of photovoltaic ingress on the performance and stability of low voltage Grid-Connected Microgrids 2025
Asif Gulraiz Sajjad Zaidi Maria Ashraf Majid Ali Abderezak Lashab Josep M. Guerrero Baseem Khan
Results in Engineering , Volume:26, Article Number 105030
Impact Factor: 6.000 | **Quartile:** 1
DOI: doi.org/10.1016/j.rineng.2025.105030

The effect of rudder deflections on hydrodynamic performance of underwater vehicles during dynamic maneuver 2025
Imran Khan Adil Loya Sajjad Haider Zaidi Asif Khan Muntazir Abbas
Journal of Engineering and Applied Science , Volume:72, Issue:1, Article Number: 65
Impact Factor: N/A | **Quartile:** 2
DOI: doi.org/10.1186/s44147-025-00626-8

Model predictive controller based design for energy optimization of the hybrid shipboard microgrids 2025
Farooq Alam Sajjad Zaidi Arsalan Rehmat Bilal Muhammad Khan
Ocean Engineering , Volume 323, Article Number 120545
Impact Factor: 4.600 | **Quartile:** 1 | **Citations:** 1
DOI: <https://doi.org/10.1016/j.oceaneng.2025.120545>

A cost-effective load side management solution based on power line carrier communication i-PLCC 2024
Maria Ashraf Abdul Rafay Khan Sajjad Zaidi Asif Gulraiz Bilal Muhammad Khan
PLoS ONE , Volume: 19(11), Article Number: e0311313, Pages:22
Impact Factor: 2.900 | **Quartile:** 1 | **Citations:** 1
DOI: [10.1371/journal.pone.0311313](https://doi.org/10.1371/journal.pone.0311313)

Utilizing IoT and Cloud Computing for Weather-Health Monitoring Application <i>Asif Gulraiz Sajjad Zaidi Haseeb Gulraiz Mohiuddin Zia Shahnaila Badar</i> <i>International Journal of Electrical Engineering and Computer Science</i> , Volume 6, Pages: 152-158 Impact Factor: N/A DOI: 10.37394/232027.2024.6.18	2024
Analyzing convolutional neural networks and linear regression models for wind speed forecasting in sustainable energy provision <i>Maria Ashraf Sajjad Zaidi Bushra Raza Kiran Shaukat Farhana Ashraf</i> <i>Mehran University Research Journal of Engineering and Technology</i> , Volume 43(4), Pages 170-181 Impact Factor: 0.600 Quartile: 3 DOI: https://doi.org/10.22581/muet1982.3246	2024
Attention-based deep convolutional neural network for classification of generalized and focal epileptic seizures <i>Taimur Shahzad Gill Syed Sajjad Haider Zaidi Muhammad Ayaz Shirazi</i> <i>Epilepsy and Behavior</i> , Volume:155, Article Number 109732 Impact Factor: 2.300 Quartile: 2 Citations: 2 DOI: https://doi.org/10.1016/j.yebeh.2024.109732	2024
Performance enhancement of short-term wind speed forecasting model using Realtime data <i>Maria Ashraf Bushra Raza Maryam Arshad Bilal Muhammad Khan Sajjad Zaidi</i> <i>PLoS One</i> , Volume 19(5), Article Number e0302664 Impact Factor: 2.9 Quartile: 1 Citations: 2 DOI: 10.1371/journal.pone.0302664	2024
AdaBoost Ensemble Approach with Weak Classifiers for Gear Fault Diagnosis and Prognosis in DC Motors <i>Syed Safdar Hussain Syed Sajjad Haider Zaidi</i> <i>Applied Sciences</i> , Volume:14, Issue:7, Article Number:3105 Impact Factor: 2.7 Quartile: 2 Citations: 10 DOI: 10.3390/app14073105	2024
LSTM-Based Autoencoder with Maximal Overlap Discrete Wavelet Transforms Using Lamb Wave for Anomaly Detection in Composites <i>Syed Haider Mehdi Rizvi Muntazir Abbas Syed Sajjad Haider Zaidi Syed Muhammad Tayyab Adil Malik</i> <i>Applied Sciences</i> , Volume: 14, Issue: 7, Article Number:2925 Impact Factor: 2.7 Quartile: 2 Citations: 5 DOI: 10.3390/app14072925	2024
Optimal designing of grid-connected microgrid systems for residential and commercial applications in Pakistan <i>Syeda Sakina Zaidi Sajjad Zaidi Bilal Muhammad Khan Lubna Moin</i> <i>Heliyon</i> , Volume 9, Issue 7, Article Number e17990 Impact Factor: 3.400 Quartile: 1 Citations: 10 DOI: doi.org/10.1016/j.heliyon.2023.e17990	2023
Design and implementation of a peer-to-peer energy trading scheme in multi-microgrid network with photovoltaics and wind energy <i>Syed Sajjad Haider Zaidi Bilal Muhammad Khan Muhammad Ehjaz Muhammad Iqbal</i> <i>Journal of Energy Systems</i> , Volume 7, Issue 2, Pages 158-172 Impact Factor: N/A Citations: 4 DOI: doi.org/10.30521/jes.1042333	2023
Robust Hierarchical Control Design for the Power Sharing in Hybrid Shipboard Microgrids <i>Farooq Alam Syed Sajjad Haider Zaidi Arsalan Rehmat Muhammad Umair Mutarraf Mashood Nasir Josep M. Guerrero</i> <i>Inventions</i> , Volume 8, Issue 1, Article Number 7 Impact Factor: 3.4 (ESCI) Citations: 8 DOI: doi.org/10.3390/inventions8010007	2022
Influence of blade numbers on start-up performance of vertical axis tidal current turbines <i>Syed Sajjad Haider Zaidi Ke Sun Yang Yi Jisheng Zhang Jianhua Zhang Shuaihui Sun</i> <i>Ocean Engineering</i> , Volume 243, Article Number 110314 Impact Factor: 5.0 Quartile: 1 Citations: 20 DOI: 10.1016/j.oceaneng.2021.110314	2022

A Novel Scheme for P2P Energy Trading Considering Energy Congestion in Microgrid <i>Muhammad Ehjaz Muhammad Iqbal Sajjad Haider Zaidi Bilal Muhammad Khan</i> <i>IEEE Access</i> , Volume 9, Pages 147649-147664 Impact Factor: 3.367 Quartile: 2 Citations: 10 DOI: 10.1109/ACCESS.2021.3124792	2021
Multibillion packet lookup for next generation networks <i>Bilal Muhammad Khan Muhammad Fahad Rabia Bilal Rupert C.D. Young Cory Beard Syed Sajjad Haider Zaidi</i> <i>Computers & Electrical Engineering</i> , Volume 84, Article Number 106612 Impact Factor: 3.818 Quartile: 2 Citations: 1 DOI: https://doi.org/10.1016/j.compeleceng.2020.106612	2020
Wideband and high gain antenna arrays for UAV-to-UAV and UAV-to-ground communication in flying ad-hoc networks (FANETs) <i>Muhammad Mustaqim Khawaja Bilal Ahmed Mahmood Asghar A. Razzaqi Syed Sajjad Haidar Zaidi Syed A. Jawed Sameer H. Qazi</i> <i>Microwave and Optical Technology Letters</i> , Volume 60, Issue 5, Pages 1164-1170 Impact Factor: 0.933 Quartile: 4 Citations: 16 DOI: https://doi.org/10.1002/mop.31130	2018
The effect of failure prognosis and mitigation on the reliability of permanent-magnet AC motor drives <i>Selin Aviyente Elias G Strangas Sajjad Zaidi John D. Neely</i> <i>IEEE Transactions on Industrial Electronics</i> , Volume:60, Issue:8, Pages 3519-3528 Impact Factor: 6.500 Quartile: 1 Citations: 45 DOI: 10.1109/TIE.2012.2227913	2013
Prognosis of gear failures in dc starter motors using hidden Markov models <i>Sajjad Zaidi Selin Aviyente Elias G Strangas Mutasim Salman Kwang-Kuen Shin</i> <i>IEEE Transactions on Industrial Electronics</i> , Volume:58, Issue:5, Pages 1695-1706 Impact Factor: 5.160 Quartile: 1 Citations: 98 DOI: 10.1109/TIE.2010.2052540	2011
Time-frequency analysis for efficient fault diagnosis and failure prognosis for interior permanent-magnet AC motors <i>Elias G Strangas Selin Aviyente Sajjad Zaidi</i> <i>IEEE Transactions on Industrial Electronics</i> , Volume:55, Issue:12, Pages 4191-4199 Impact Factor: 5.468 Quartile: 1 Citations: 141 DOI: 10.1109/TIE.2008.2007529	2008

Conference Proceedings

A Comparison of EKF and PF to Localize an Autonomous Underwater Vehicle (AUV) using Inertial Navigation System <i>Bushra Raza Maryam Arshad Sajjad Zaidi Farooq Alam Muhammad Abdullah</i> <i>2024 21st International Bhurban Conference on Applied Sciences and Technology (IBCAST)</i> , res.country(177,) Citations: N/A DOI: 10.1109/IBCAST61650.2024.10876904	2024
Genetic Algorithm-Based Load Balancing for Effective Demand Response with Renewable Energy Integration in Residential Settings <i>Sajjad Zaidi Maria Ashraf Maryam Arshad Bushra Raza Farooq Alam</i> <i>2024 21st International Bhurban Conference on Applied Sciences and Technology (IBCAST)</i> , res.country(177,) Citations: N/A DOI: 10.1109/IBCAST61650.2024.10877026	2024
Adaptive Power Control Based on Neural Network Design and Implementations for Hybrid Shipboard Microgrids <i>Farooq Alam Arsalan Rehmat Sajjad Zaidi Maryam Arshad Muhammad Abdullah Bushra Raza</i> <i>2024 21st International Bhurban Conference on Applied Sciences and Technology (IBCAST)</i> , res.country(177,) Citations: N/A DOI: 10.1109/IBCAST61650.2024.10876979	2024
Robust Electric Motor Fault Classification with Extra Trees Classifier on Comprehensive Dataset <i>Syed Safdar Hussain Sajjad Zaidi</i> <i>2024 16th International Conference on Electronics, Computers and Artificial Intelligence (ECAI)</i> , res.country(177,) Citations: N/A	2024

DOI: 10.1109/ECAI61503.2024.10606973	
Design and Implementation of Static VAR Compensator Prototype for transmission line system	2023
Sajjad Zaidi Asif Gulraiz Syed Usman Shah Ilyas Fakhruddin Abdul Samad Shaikh Mohiuddin Zia Maria Ashraf 2023 International Conference on IT and Industrial Technologies (ICIT), res.country(177,)	
Citations: N/A	
DOI: 10.1109/ICIT59216.2023.10335843	
Early Detection of Mesothelioma Using Machine Learning Algorithms	2023
Taimur Shahzad Gill Muhammad Ayaz Shirazi Syed Sajjad Haider Zaidi IEEC - International Electrical Engineering Conference 2023, res.country(177,)	
Citations: N/A	
DOI: https://doi.org/10.3390/engproc2023046006	
Estimation of 3 DOF Position Trajectory of AUV by Extended Kalman Filter using Inertial Navigation Sensor	2023
Sajjad Zaidi Bushra Raza Maryam Arshad Maria Ashraf 2023 20th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,)	
Citations: N/A	
DOI: 10.1109/IBCAST59916.2023.10712931	
Remaining Useful Life Prediction Method for the Rolling Element of an Electrical Machine Using Linear Regression Analysis of the Vibration Signal of a Faulted Bearing	2023
Syed Safdar Hussain Sajjad Zaidi 15th International Conference on Electronics, Computers and Artificial Intelligence (ECAI 2023), res.country(188,)	
Citations: N/A	
DOI: 10.1109/ECAI58194.2023.10194134	
A Hybrid Statistical Model for Ultra Short Term Wind Speed Prediction	2023
Maria Ashraf Bushra Raza Maryam Arshad Sajjad Zaidi IMTIC 2023 - 7th International Multi-Topic ICT Conference 2023: AI Convergence towards Sustainable Communications, res.country(177,)	
Citations: N/A	
DOI: 10.1109/IMTIC58887.2023.10178567	
Impact of Photovoltaic Ingress on Power Distribution System	2023
Sajjad Zaidi Asif Gulraiz Noor E Batool Rimsha Shaherbano Rukhsana Hussain 2023 International Conference on Emerging Power Technologies (ICEPT), res.country(177,)	
Citations: N/A	
DOI: 10.1109/ICEPT58859.2023.10152398	
Estimating State of Charge and State of Health of Electrified Vehicle Battery by Data Driven Approach: Machine Learning	2022
Shaffa ali Memon Ali Hamza Sajjad Zaidi Bilal Muhammad Khan ICETECC 2022 - International Conference on Emerging Technologies in Electronics, Computing and Communication, res.country(177,)	
Citations: N/A	
DOI: 10.1109/ICETECC56662.2022.10069969	
Future Position Estimation In case of GPS Outages	2022
Sajjad Zaidi Muhammad Aseem Uddin Shaikh Azaan Mahmood Muhammad Zain Maria Ashraf Proceedings of 3rd International Conference on Latest Trends in Electrical Engineering and Computing Technologies, INTELLECT 2022, res.country(177,)	
Citations: N/A	
DOI: 10.1109/INTELLECT55495.2022.9969387	
Wind's Data Analysis for its Accurate Prediction in Smart Grid Systems	2022
Maria Ashraf Asif Gulraiz Sajjad Zaidi Bilal Muhammad Khan Farhana Ashraf Proceedings of 3rd International Conference on Latest Trends in Electrical Engineering and Computing Technologies, INTELLECT 2022, res.country(177,)	
Citations: N/A	
DOI: 10.1109/INTELLECT55495.2022.9969399	
Micro Grid Implementation and its Requirement Providing Ancillary Services to the Power System	2022
Sajjad Zaidi Asif Gulraiz Bilal Nadeem Rayah Zahid Zoya Gul 2022 5th International Conference on Energy Conservation and Efficiency, ICECE 2022 - Proceedings, res.country(177,)	
Citations: N/A	
DOI: 10.1109/ICECE54634.2022.9758983	

Acoustic Wave Analysis in Deep Sea and Shallow Water Using Bellhop Tool <i>Syed Sajjad Haider Zaidi Durr E Shehwar Urooj Shaukat Sana Gul Muhammad Usama Zafar Ali Hassan Syed</i> 2021 OES China Ocean Acoustics, COA 2021, res.country(48,)	2021
Citations: N/A DOI: 10.1109/COA50123.2021.9519944	
The Prognosis of Epilepsy with Naive Bayes Classifier on FPGA Using HDL Coder <i>Dr Syed Sajjad Haider Zaidi Nauman Memon Muhammad Suleman</i> <i>Proceedings - 2020 IEEE EMBS Conference on Biomedical Engineering and Sciences, IECBES 2020</i> , res.country(157,)	2021
Citations: N/A DOI: 10.1109/IECBES48179.2021.9398794	
Brain Computer Interface Implementation on Cognitive States <i>Samiya Khaliq Zamra Sultan Zeeshan Rizvi Munnaza Iqbal Usama Bin Zaheer Syed Huzaif Shah Shahrukh Zia Bilal Hussain Shah Bilal Muhammad Khan</i> <i>Sajjad Haider Zaidi</i> 2020 3rd International Conference on Computing, Mathematics and Engineering Technologies (iCoMET), res.country(177,)	2020
Citations: N/A DOI: 10.1109/iCoMET48670.2020.9074097	
Comparative Throughput Analysis of Wireless EEG Network Based on IEEE 802.11 IEEE 802.15.4 <i>Sajjad Zaidi Muhammad Khizar Abbas Muhammad Ghazaal Bilal Muhammad Khan</i> 2018 3rd International Conference on Emerging Trends in Engineering, Sciences and Technology, ICEEST 2018 res.country(177,)	2018
Citations: N/A DOI: 10.1109/ICEEST.2018.8643312	
Condition based health monitoring of transformers <i>Sajjad Zaidi Mudasir Hussain Muhammad Salman Rohit Abdul Subhan Abdul Subhan Hamza Khalid</i> 2018 International Conference on Computing, Mathematics and Engineering Technologies: Invent, Innovate and Integrate for Socioeconomic Development, iCoMET 2018 - Proceedings , res.country(177,)	2018
Citations: N/A DOI: 10.1109/ICOMET.2018.8346414	
Underwater acoustic channel modeling using BELLHOP ray tracing method <i>Sana Gul Sajjad Zaidi Rehan Khan Ammar Banduk Wala</i> 2017 14th International Bhurban Conference on Applied Sciences and Technology, IBCAST 2017, res.country(177,)	2017
Citations: N/A DOI: 10.1109/IBCAST.2017.7868122	
Bond graph model for the right atrium of heart <i>Sajjad Zaidi Lubna Moin Vali Uddin Vali Uddin</i> IECBES 2016 - IEEE-EMBS Conference on Biomedical Engineering and Sciences, res.country(157,)	2016
Citations: N/A DOI: 10.1109/IECBES.2016.7843439	
Robust droop control design for a hybrid AC/DC microgrid <i>Farooq Alam M Ashfaq Sajjad Zaidi Attaullah Y Memon</i> 2016 UKACC International Conference on Control, UKACC Control 2016, res.country(231,)	2016
Citations: N/A DOI: 10.1109/CONTROL.2016.7737547	
Hardware accelerated wavelet transform and de-noising for pattern recognition <i>Sajjad Zaidi Salman Javaid</i> 17th IEEE International Multi Topic Conference: Collaborative and Sustainable Development of Technologies, IEEE INMIC 2014 - Proceedings res.country(177,)	2014
Citations: N/A DOI: 10.1109/INMIC.2014.7097394	
Digital configurable block based implementation of image enhancement algorithm using PSoC 5LP <i>Sajjad Zaidi Syed Safdar Hussain</i> 17th IEEE International Multi Topic Conference: Collaborative and Sustainable Development of Technologies, IEEE INMIC 2014 - Proceedings res.country(177,)	2014
Citations: N/A DOI: 10.1109/INMIC.2014.7097334	
Modeling and analysis of three phase induction motor with broken rotor bar	2014

<i>Sajjad Zaidi Syed Nazim Hussain</i> 17th IEEE International Multi Topic Conference: Collaborative and Sustainable Development of Technologies, IEEE INMIC 2014 - Proceedings res.country(177,) Citations: N/A DOI: 10.1109/INMIC.2014.7097389	
Synchronization and dq current control of grid-connected voltage source inverter <i>Wajiha Zahoor Sajjad Zaidi</i> 17th IEEE International Multi Topic Conference 2014, res.country(177,) Citations: N/A DOI: 10.1109/INMIC.2014.7097384	2014
Underwater man-made object prediction using line detection technique <i>Sajjad Zaidi Syed Safdar Hussain</i> Proceedings of the 2014 6th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2014, res.country(188,) Citations: N/A DOI: 10.1109/ECAI.2014.7090215	2014
Cyber security backdrop: A SCADA testbed <i>Adnan A Farooqui Sajjad Zaidi Attaullah Memon Sameer Qazi</i> Proceedings - 2014 IEEE Computers, Communications and IT Applications Conference, ComComAp 2014, res.country(48,) Citations: N/A DOI: https://doi.org/10.1109/ComComAp.2014.7017178	2014
Broken rotor bar detection of single phase induction motor using Wigner-Ville Distributions <i>Sajjad Zaidi Sara Hafeez Ayesha Siddiqui</i> IEEE International Conference on Emerging Technologies and Factory Automation, ETFA, res.country(109,) Citations: N/A DOI: 10.1109/ETFA.2013.6647960	2013
Diagnosis and prognosis of in-service electric machine in the absence of historic data related to faults and faults progression <i>Sajjad Zaidi</i> Proceedings - 2013 9th IEEE International Symposium on Diagnostics for Electric Machines, Power Electronics and Drives, SDEMPED 2013 res.country(68,) Citations: N/A DOI: 10.1109/DEMPED.2013.6645778	2013
Non Intrusive Operational Health Identification of In-Service Electrical Machine <i>Sajjad Zaidi E. G. Strang</i> IECON 2012 - 38th Annual Conference on IEEE Industrial Electronics Society, res.country(38,) Citations: N/A DOI: 10.1109/IECON.2012.6388977	2012
Improving the reliability of electrical drives through failure prognosis <i>Elias Strangas Selin Aviyente John Neely Sajjad Zaidi</i> SDEMPED 2011 - 8th IEEE Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives, res.country(109,) Citations: N/A DOI: 10.1109/DEMPED.2011.6063620	2011
Prognosis of electrical faults in permanent magnet AC machines using the hidden Markov model <i>Sajjad Zaidi Wesley G. Zanardelli Selin Aviyente E.G. Strangas</i> IECON 2010 - 36th Annual Conference on IEEE Industrial Electronics Society, res.country(233,) Citations: N/A DOI: 10.1109/IECON.2010.5675138	2010
Failure prognosis of DC starter motors using hidden Markov models <i>Sajjad Zaidi Selin Aviyente Mutasim Salman Kwang-keun Shin Elias G. Strangas</i> 2009 IEEE International Symposium on Diagnostics for Electric Machines, Power Electronics and Drives, res.country(75,) Citations: N/A DOI: 10.1109/DEMPED.2009.5292778	2009

Book Chapters

Energy management in marine transportation sector 2025
Muntazir Abbas Qamar Abbas Asif Khan Syed Muhammad Tayyab Syed Haider Mehdi Rizvi Asif Raza Sajjad Haider Zaidi Asghar Abbas Razzaqi Sumaira Haider Syed Ali Sarfraz
In: *Reference Module in Earth Systems and Environmental Sciences*, Pages 1-34
Citations: N/A
DOI: 10.1016/b978-0-44-313219-3.00151-9

Intellectual Property

Copyrights

Patents

Brain Interpreter 2020
Status: Filed

Industrial Designs

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