

Farrukh Mazhar

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About

Dr. Farrukh Mazhar is working as in the College of Aeronautical Engineering. Dr. Farrukh Mazhar has published 12 research articles & conference papers having a citation count of 98, carried out 0 projects and filed 0 intellectual property.

Qualifications

Experience

- A novel artificial neural network-based interface coupling approach for partitioned fluid–structure interaction problems** 2023
Ali Javed Farrukh Mazhar Atakan Altinkaynak
Engineering Analysis with Boundary Elements, Volume 151, Pages 287-308
Impact Factor: 3.250 | **Quartile:** 1 | **Citations:** 6
DOI: <https://doi.org/10.1016/j.enganabound.2023.02.022>
- Design, Analysis and Prototyping of One-DoF Drive Mechanism for Flapping Wing Micro-aerial Vehicle Application** 2022
Rizwan Yousaf Aamer Shahzad Muhammad Nafees Mumtaz Qadri Farrukh Mazhar
Iranian Journal of Science and Technology-Transactions of Mechanical Engineering, Pages 1-18
Impact Factor: 1.530 | **Quartile:** 4
DOI: <https://doi.org/10.1007/s40997-022-00552-7>
- On the meshfree particle methods for fluid-structure interaction problems** 2021
Farrukh Mazhar Ali Javed Jing Tang Xing Aamer Shahzad Mohtashim Mansoor Adnan Maqsood Syed Irteza Ali Shah Kamran Asim
Engineering Analysis with Boundary Elements, Volume 124, Pages 14-40
Impact Factor: 3.250 | **Quartile:** 1 | **Citations:** 38
DOI: [10.1016/j.enganabound.2020.11.005](https://doi.org/10.1016/j.enganabound.2020.11.005)
- A stabilized RBF finite difference method for convection dominated flows over meshfree nodes** 2019
Ali Javed Farrukh Mazhar Taimur Ali Shams Muhammad Ayaz Nadeem Hussain
Engineering Analysis with Boundary Elements, Volume 107, Pages 159-167
Impact Factor: 2.884 | **Quartile:** 1 | **Citations:** 5
DOI: <https://doi.org/10.1016/j.enganabound.2019.07.008>
- Finite element analysis of mechanical properties of woven composites through a micromechanics model** 2017
Haris A. Khan Abid Hassan M.B. Saeed Farrukh Mazhar
Science and Engineering of Composite Materials, Volume 24, Issue 1, Pages 87–99
Impact Factor: 0.619 | **Quartile:** 4 | **Citations:** 13
DOI: <https://doi.org/10.1515/secm-2014-0266>
- Knowledge-Based Aerodynamic Estimation of Airships** 2016
Khurram Rashid Riaz Ahmad Adnan Maqsood Farrukh Mazhar
International Journal of Mechanical Engineering and Robotics Research, Vol. 5, No. 4, October 2016
Impact Factor: - | **Citations:** 2
DOI: [10.18178/ijmerr.5.4.239-245](https://doi.org/10.18178/ijmerr.5.4.239-245)
- Reverse Engineering in Modeling of Aircraft Propeller Blade - First Step to Product Optimization** 2014
Muhammad Yasir Anwar Shahid Ikramullah Butt Farrukh Mazhar
IJUM Engineering Journal, Vol. 15, No. 2, Pages 43-57
Impact Factor: 0
DOI: <https://doi.org/10.31436/iiumej.v15i2.497>
- On using neural networks in UAV structural design for CFD data fitting and classification** 2013
Farrukh Mazhar Abdul Munyem Khan Imran Ali Chaudhry Mansoor Ahsan
Aerospace Science and Technology, Volume 30, Issue 1, Pages 210-225
Impact Factor: 1.00 | **Quartile:** 1 | **Citations:** 34
DOI: <http://dx.doi.org/10.1016/j.ast.2013.08.005>

Conference Proceedings

- An overview of methods for investigation of aeroelastic response on high aspect ratio fixed-winged aircraft** 2020
Muhammad Khizer Ali Khan Ali Javed Muhammad Nafees Mumtaz Qadri Mohtashim Mansoor Farrukh Mazhar
3rd Pak-Turk International Conference ETSE2020, res.country(177,)
Citations: N/A
DOI: <https://iopscience.iop.org/article/10.1088/1757-899X/899/1/012002/meta#references>
- Structural Design of A UAV Wing using Finite Element Method** 2010
Farrukh Mazhar Abdul Munem Khan
AIAA/ASME/ASCE/AHS/ASC, res.country(233,)
Citations: N/A
DOI: 10.2514/6.2010-3099
- Development of a Computer Based Learning Tool for understanding Aircraft Structures** 2007
Farrukh Mazhar Abdul Munem Khan Irfan Aziz
12-th International Conference on Aerospace Sciences & Aviation Technology, res.country(65,)
Citations: N/A
DOI: Nil
- Development of a software using Visual Basic for learning Aerospace Structures Theory** 2006
Farrukh Mazhar Abdul Munem Khan irfan aziz Omar Bashir
10h national aeronautical conference risalpur, res.country(177,)
Citations: N/A
DOI: Nil