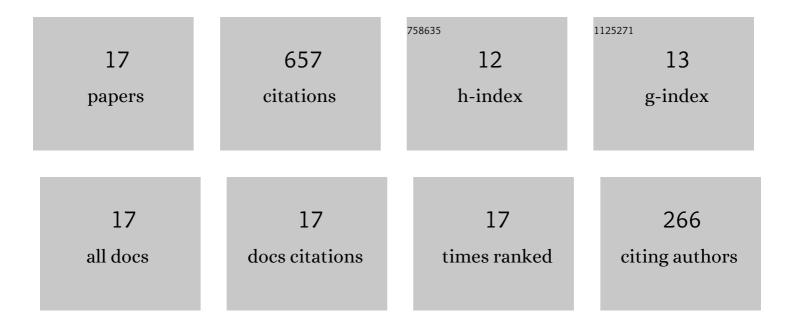
Faiza Gul

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A comprehensive study for robot navigation techniques. Cogent Engineering, 2019, 6, . | 1.1 | 127 |
| 2 | Numerical Computing Paradigm for Investigation of Micropolar Nanofluid Flow Between Parallel Plates System with Impact of Electrical MHD and Hall Current. Arabian Journal for Science and Engineering, 2021, 46, 645-662. | 1.7 | 84 |
| 3 | A Consolidated Review of Path Planning and Optimization Techniques: Technical Perspectives and Future Directions. Electronics (Switzerland), 2021, 10, 2250. | 1.8 | 81 |
| 4 | Meta-heuristic approach for solving multi-objective path planning for autonomous guided robot using PSO–GWO optimization algorithm with evolutionary programming. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 7873-7890. | 3.3 | 73 |
| 5 | Novel Implementation of Multi-Robot Space Exploration Utilizing Coordinated Multi-Robot Exploration and Frequency Modified Whale Optimization Algorithm. IEEE Access, 2021, 9, 22774-22787. | 2.6 | 47 |
| 6 | Multi-Robot Space Exploration: An Augmented Arithmetic Approach. IEEE Access, 2021, 9, 107738-107750. | 2.6 | 44 |
| 7 | A Review of Control Algorithm for Autonomous Guided Vehicle. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 20, 552. | 0.7 | 24 |
| 8 | An Integrated approach for Path Planning for Mobile Robot Using Bi-RRT. IOP Conference Series: Materials Science and Engineering, 2019, 697, 012022. | 0.3 | 21 |
| 9 | Coordinated Multi-Robot Exploration : Hybrid Stochastic Optimization Approach. , 2022, , . | | 21 |
| 10 | Implementation of bio-inspired hybrid algorithm with mutation operator for robotic path planning. Journal of Parallel and Distributed Computing, 2022, 169, 171-184. | 2.7 | 21 |
| 11 | Cooperative multi-function approach: A new strategy for autonomous ground robotics. Future Generation Computer Systems, 2022, 134, 361-373. | 4.9 | 20 |
| 12 | Contraction Analysis of Dynamic Soaring. , 2022, , . | | 18 |
| 13 | Deep Reinforcement Learning for Integrated Non-Linear Control of Autonomous UAVs. Processes, 2022, 10, 1307. | 1.3 | 18 |
| 14 | Multi Robot Space Exploration : A Modified Frequency Whale Optimization Approach. , 2022, , . | | 17 |
| 15 | On the Stability of Dynamic Soaring: Floquet-based Investigation. , 2022, , . | | 15 |
| 16 | Data Driven Model Estimation for Aerial Vehicles: A Perspective Analysis. Processes, 2022, 10, 1236. | 1.3 | 14 |
| 17 | Reinforced Learning-Based Robust Control Design for Unmanned Aerial Vehicle. Arabian Journal for Science and Engineering, 2023, 48, 1221-1236. | 1.7 | 12 |