

# Amir AGhavifekr

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2559968/publications.pdf>

Version: 2024-02-01

16  
papers

90  
citations

2682572

2  
h-index

2550090

3  
g-index

16  
all docs

16  
docs citations

16  
times ranked

87  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | International Stock Index Prediction Using Artificial Neural Network (ANN) and Python Programming. , 2021, , .   |     | 15        |
| 2  | Discrete-time control of bilateral teleoperation systems: a review. Robotica, 2018, 36, 552-569.   | 1.9 | 14        |
| 3  | Designing adaptive robust extended Kalman filter based on Lyapunov-based controller for robotics manipulators. , 2015, , .   |     | 13        |
| 4  | Stability analysis of the linear discrete teleoperation systems with stochastic sampling and data dropout. European Journal of Control, 2018, 41, 63-71.           | 2.6 | 12        |
| 5  | Quantum Technology & Quantum Neural Networks in Smart Grids Control: Premier Perspectives. , 2022, , .   |     | 11        |
| 6  | Quantum Neural Networks (QNN) Application in Weather Prediction of Smart Grids. , 2021, , .  |     | 8         |
| 7  | Designing inverse dynamic controller with integral action for motion planning of surgical robot in the presence of bounded disturbances. , 2013, , .               |     | 6         |
| 8  | Design of mechanical structure and tracking control system for 5 DOF surgical robot. , 2013, , .   |     | 3         |
| 9  | An Analysis of Sampling Effect on the Absolute Stability of Discrete-time Bilateral Teleoperation Systems. , 2019, , .   |     | 2         |
| 10 | Designing Multirate Controller for Optimal Tracking of Nonholonomic Laparoscopic Robotic Arm in a Telesurgery System. , 2021, , .                                  |     | 1         |
| 11 | Sensors Allocation and Observer Design for Discrete Bilateral Teleoperation Systems with Multi-Rate Sampling. Sensors, 2022, 22, 2673.                             | 3.8 | 1         |
| 12 | Wearable sensing smart solutions for workers' remote control in health-risk activities. , 2022, , .  |     | 1         |
| 13 | Self-powered WiFi-connected monitoring stations for environmental pollution app-based control in urban and industrial areas. , 2022, , .                           |     | 1         |
| 14 | Survey of Multi-Agent Reinforcement Learning to Solve Inverse Kinematic Problems of Redundant Robotic Manipulators. , 2022, , .                                    |     | 1         |
| 15 | Modified Grey Wolf Optimization Method for Voltage and Frequency Control of an Islanded Microgrids. , 2021, , .  |     | 1         |
| 16 | Complete Balancing of the Six-Bar Mechanism Using Fully Cartesian Coordinates and Multiobjective Differential Evolution Optimization. Mathematics, 2022, 10, 1830. | 2.2 | 0         |