

# Dongwook Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6221846/publications.pdf>

Version: 2024-02-01

8  
papers

116  
citations

1684188

5  
h-index

1720034

7  
g-index

8  
all docs

8  
docs citations

8  
times ranked

92  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Controller Design of an Electric Power Steering System. IEEE Transactions on Control Systems Technology, 2018, 26, 748-755.   | 5.2 | 45        |
| 2 | Analysis of Embedded Prefilters in Motion Profiles. IEEE Transactions on Industrial Electronics, 2018, 65, 1481-1489.   | 7.9 | 22        |
| 3 | Optimization Process for Polynomial Motion Profiles to Achieve Fast Movement With Low Vibration. IEEE Transactions on Control Systems Technology, 2020, 28, 1892-1901.                      | 5.2 | 22        |
| 4 | Intelligent Tire Sensor-Based Real-Time Road Surface Classification Using an Artificial Neural Network. Sensors, 2021, 21, 3233.  | 3.8 | 12        |
| 5 | A new controller design method for an electric power steering system based on a target steering torque feedback controller. Control Engineering Practice, 2021, 106, 104658.                | 5.5 | 8         |
| 6 | Design of Dust-Filtering Algorithms for LiDAR Sensors Using Intensity and Range Information in Off-Road Vehicles. Sensors, 2022, 22, 4051.  | 3.8 | 4         |
| 7 | Local Path-Planning Simulation and Driving Test of Electric Unmanned Ground Vehicles for Cooperative Mission with Unmanned Aerial Vehicles. Applied Sciences (Switzerland), 2022, 12, 2326. | 2.5 | 2         |
| 8 | Design of a LIOR-Based De-Dust Filter for LiDAR Sensors in Off-Road Vehicles. , 2021, 10, .   |     | 1         |