

# Fernando D Moita

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/278844/publications.pdf>

Version: 2024-02-01

14  
papers

130  
citations

2258059

3  
h-index

2053705

5  
g-index

16  
all docs

16  
docs citations

16  
times ranked

176  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Biomechanical Device for Measurement of Adductors Strength and Aid in Self-Catheterisation of Spastic Patients. Designs, 2022, 6, 7.                           | 2.4 | 0         |
| 2  | Framework for Knee Joint Movement Analysis with Inertial Sensors and Recursive Filters. , 2019, , .  |     | 1         |
| 3  | Breaking Strength of Smart Interconnected Ceramic Elements. , 2019, , .  |     | 0         |
| 4  | Development of a Biomechanical Bike with Assistive Technologies to Be Used for Rehabilitation. Advances in Intelligent Systems and Computing, 2019, , 968-973. | 0.6 | 0         |
| 5  | Education with Robots Inspired in Biological Systems. Advances in Intelligent Systems and Computing, 2019, , 207-213.  | 0.6 | 5         |
| 6  | Bluetooth low energy profile for MPU9150 IMU data transfers. , 2017, , .   |     | 4         |
| 7  | Novel safety and energy management functions to solar water heating systems. , 2017, , .   |     | 0         |
| 8  | ISRobotCar: The autonomous electric vehicle project. , 2012, , .   |     | 9         |
| 9  | Autonomous electric vehicle: Steering and path-following control systems. , 2012, , .  |     | 21        |
| 10 | Semantic fusion of laser and vision in pedestrian detection. Pattern Recognition, 2010, 43, 3648-3659.   | 8.1 | 41        |
| 11 | An outdoor guidepath navigation system for AMRs based on robust detection of magnetic markers. , 2007, , .   |     | 10        |
| 12 | A Fast Firing Binaural System for Ultrasonic Pattern Recognition. Journal of Intelligent and Robotic Systems: Theory and Applications, 2007, 50, 141-162.      | 3.4 | 5         |
| 13 | Ultrasonic reflectors recognition with a fast firing system. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 285-291.   | 0.4 | 2         |
| 14 | Sensor fusion for precise autonomous vehicle navigation in outdoor semi-structured environments. , 0, , .  |     | 31        |