# Novel Certad

List of Publications by Year
in descending order

| 9 | 60 | | |
|---|---|---|---|
| papers | citations | | |

| 9 | 9 | 9 | 44 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Autonomous 2D SLAM and 3D mapping of an environment using a single 2D LIDAR and ROS. , 2017, , . | | 24 |
| 2 | Development of a Control Platform for the Mobile Robot Roomba Using ROS and a Kinect Sensor. , 2013, , . | | 14 |
| 3 | Trajectory Generation and Tracking Using the AR.Drone 2.0 Quadcopter UAV. , 2015, , . | | 7 |
| 4 | Analysis of Oscillators for the Generation of Rhythmic Patterns in Legged Robot Locomotion. , 2013, , . | | 6 |
| 5 | Study and Improvements in Landmarks Extraction in 2D Range Images Based on an Adaptive Curvature Estimation. , 2012, , . | | 3 |
| 6 | Foothold Planning and Gait Generation for a Hexapod Robot Traversing Terrains with Forbidden Zones. , 2015, , . | | 3 |
| 7 | Asymptotic Stability Method for PID Controller Tuning in a Backhoe Machine. , 2013, , . | | 1 |
| 8 | Construction, identification and instrumentation of a low cost quadcopter research platform. , 2017, , . | | 1 |
| 9 | Design, Modelling, Control and Simulation of Biomimetic Underwater Robot. , 2019, , . | | 1 |