

# Razvan Solea

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3517370/publications.pdf>

Version: 2024-02-01

27  
papers

161  
citations

1937685

4  
h-index

1588992

8  
g-index

28  
all docs

28  
docs citations

28  
times ranked

145  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Mobile Visual Servoing Based Control of a Complex Autonomous System Assisting a Manufacturing Technology on a Mechatronics Line. <i>Inventions</i> , 2022, 7, 47.                                    | 2.5 | 3         |
| 2  | Communication and Control of an Assembly, Disassembly and Repair Flexible Manufacturing Technology on a Mechatronics Line Assisted by an Autonomous Robotic System. <i>Inventions</i> , 2022, 7, 43. | 2.5 | 4         |
| 3  | Trajectory Tracking Nonlinear Control and Narrow Spaces Navigation of a WMR. , 2018, , .   |     | 0         |
| 4  | Visual servoing systems based control of complex autonomous systems serving a P/RML. , 2018, , .   |     | 3         |
| 5  | Trajectory-Tracking Sliding-Mode Control of the Autonomous Wheelchair Modeled as a Nonholonomic WMR. , 2018, , .   |     | 1         |
| 6  | Visual servoing and obstacle avoidance method based control autonomous robotic systems servicing a mechatronics manufacturing line. , 2017, , .  |     | 0         |
| 7  | SHPN modelling, visual servoing and control of WMR with RM integrated into P/RML. , 2017, , .  |     | 0         |
| 8  | SHPN models based simulation and control of mobile robotic systems integrated into A/DML. , 2017, , .  |     | 1         |
| 9  | Online path planner for mobile robots using particle swarm optimization. , 2016, , .   |     | 4         |
| 10 | Super twisting sliding mode controller applied to a nonholonomic mobile robot. , 2015, , .   |     | 9         |
| 11 | Wheelchair control and navigation based on kinematic model and iris movement. , 2015, , .  |     | 5         |
| 12 | Trajectory planner for mobile robots using particle swarm optimization. , 2014, , .  |     | 3         |
| 13 | Model predictive speed control of Permanent Magnet Synchronous Motor. , 2014, , .  |     | 5         |
| 14 | Efficient DC drive system by using adaptive control. , 2014, , .   |     | 1         |
| 15 | Nonlinear sliding-mode control for permanent magnet synchronous machine. , 2014, , .   |     | 0         |
| 16 | Mobile Manipulators Motion Planning Based on Trajectory Tracking Control. <i>Lecture Notes in Electrical Engineering</i> , 2013, , 77-88.  | 0.4 | 1         |
| 17 | Indoor 3D object model obtained using data fusion from laser sensor and digital camera on a mobile robot. , 2013, , .  |     | 5         |
| 18 | Second order load torque estimator of the vector-controlled synchronous drive. , 2013, , .   |     | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Sliding mode controller for induction motor. , 2013, , .   |     | 0         |
| 20 | Obstacle Avoidance for Trajectory Tracking Control of Wheeled Mobile Robots. Studies in Computational Intelligence, 2013, , 279-290.   | 0.9 | 4         |
| 21 | Obstacle Avoidance for Trajectory Tracking Control of Wheeled Mobile Robots. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 906-911. | 0.4 | 4         |
| 22 | Sliding-mode controller for four-wheel-steering vehicle: Trajectory-tracking problem. , 2010, , .  |     | 8         |
| 23 | Hybrid Control Structure for Multi-robot Formation. Lecture Notes in Computer Science, 2010, , 307-316.  | 1.3 | 0         |
| 24 | Sliding-mode real-time mobile platform control in the presence of uncertainties. , 2009, , .   |     | 12        |
| 25 | Sliding Mode Control for Trajectory Tracking Problem - Performance Evaluation. Lecture Notes in Computer Science, 2009, , 865-874.   | 1.3 | 14        |
| 26 | An outdoor guidepath navigation system for AMRs based on robust detection of magnetic markers. , 2007, , .   |     | 10        |
| 27 | Trajectory planning and sliding-mode control based trajectory-tracking for cybercars. Integrated Computer-Aided Engineering, 2007, 14, 33-47.                                | 4.6 | 61        |