

# 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	Trajectory planning and sliding-mode control based trajectory-tracking for cybercars. Integrated Computer-Aided Engineering, 2007, 14, 33-47.	4.6	61
2	Sliding Mode Control for Trajectory Tracking Problem - Performance Evaluation. Lecture Notes in Computer Science, 2009, , 865-874.	1.3	14
3	Sliding-mode real-time mobile platform control in the presence of uncertainties. , 2009, , .		12
4	An outdoor guidepath navigation system for AMRs based on robust detection of magnetic markers. , 2007, , .		10
5	Super twisting sliding mode controller applied to a nonholonomic mobile robot. , 2015, , .		9
6	Sliding-mode controller for four-wheel-steering vehicle: Trajectory-tracking problem. , 2010, , .		8
7	Indoor 3D object model obtained using data fusion from laser sensor and digital camera on a mobile robot. , 2013, , .		5
8	Model predictive speed control of Permanent Magnet Synchronous Motor. , 2014, , .		5
9	Wheelchair control and navigation based on kinematic model and iris movement. , 2015, , .		5
10	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
11	Online path planner for mobile robots using particle swarm optimization. , 2016, , .		4
12	Obstacle Avoidance for Trajectory Tracking Control of Wheeled Mobile Robots. Studies in Computational Intelligence, 2013, , 279-290.	0.9	4
13	Communication and Control of an Assembly, Disassembly and Repair Flexible Manufacturing Technology on a Mechatronics Line Assisted by an Autonomous Robotic System. Inventions, 2022, 7, 43.	2.5	4
14	Trajectory planner for mobile robots using particle swarm optimization. , 2014, , .		3
15	Visual servoing systems based control of complex autonomous systems serving a P/RML. , 2018, , .		3
16	Mobile Visual Servoing Based Control of a Complex Autonomous System Assisting a Manufacturing Technology on a Mechatronics Line. Inventions, 2022, 7, 47.	2.5	3
17	Mobile Manipulators Motion Planning Based on Trajectory Tracking Control. Lecture Notes in Electrical Engineering, 2013, , 77-88.	0.4	1
18	Efficient DC drive system by using adaptive control. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	SHPN models based simulation and control of mobile robotic systems integrated into A/DML. , 2017, , .		1
20	Trajectory-Tracking Sliding-Mode Control of the Autonomous Wheelchair Modeled as a Nonholonomic WMR. , 2018, , .		1
21	Second order load torque estimator of the vector-controlled synchronous drive. , 2013, , .		0
22	Sliding mode controller for induction motor. , 2013, , .		0
23	Nonlinear sliding-mode control for permanent magnet synchronous machine. , 2014, , .		0
24	Visual servoing and obstacle avoidance method based control autonomous robotic systems servicing a mechatronics manufacturing line. , 2017, , .		0
25	SHPN modelling, visual servoing and control of WMR with RM integrated into P/RML. , 2017, , .		0
26	Trajectory Tracking Nonlinear Control and Narrow Spaces Navigation of a WMR. , 2018, , .		0
27	Hybrid Control Structure for Multi-robot Formation. Lecture Notes in Computer Science, 2010, , 307-316.	1.3	0