

Krzysztof Kozlowski

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

236
citations

1683354

5
h-index

1372195

10
g-index

26
all docs

26
docs citations

26
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Vector-Field-Orientation Feedback Control Method for a Differentially Driven Vehicle. IEEE Transactions on Control Systems Technology, 2010, 18, 45-65.	3.2	100
2	Practical Stabilization of a Skid-steering Mobile Robot - A Kinematic-based Approach. , 2006, , .		26
3	Trajectory tracking of underactuated skid-steering robot. , 2008, , .		21
4	A survey of equations of motion in terms of inertial quasi-velocities for serial manipulators. Archive of Applied Mechanics, 2006, 76, 579-614.	1.2	19
5	Lifelong education in robotics and mechatronics. , 2012, , .		13
6	Identification of a Dynamic Friction Model and Its Application in a Precise Tracking Control. Acta Polytechnica Hungarica, 2019, 16, 83-99.	2.5	12
7	Set-point Control of Mobile Robot with Obstacle Detection and Avoidance Using Navigation Function - Experimental Verification. Journal of Intelligent and Robotic Systems: Theory and Applications, 2017, 85, 539-552.	2.0	10
8	Motion Control of Vehicles with Trailers Using Transverse Function Approach. Journal of Intelligent and Robotic Systems: Theory and Applications, 2015, 77, 457-479.	2.0	8
9	Control of a mobile robot and collision avoidance using navigation function - experimental verification. , 2015, , .		6
10	Smooth State Feedback Control of a New Nonholonomic Manipulator Coping With Singularities. IEEE Transactions on Control Systems Technology, 2020, 28, 306-317.	3.2	5
11	A unified motion control and low level planning algorithm for a wheeled skid-steering robot. , 2015, , .		4
12	Analysis of an Impact of Inertia Parameter in Active Disturbance Rejection Control Structures. Electronics (Switzerland), 2020, 9, 1801.	1.8	4
13	Evaluation of integral anti-windup feedback coefficient for PI regulator. , 2018, , .		2
14	VFO tracking and set-point control for an articulated vehicle with off-axle hitched trailer. , 2009, , .		2
15	The VFO state-constrained stabilisation of the nonholonomic manipulator with limited control input. International Journal of Control, 2011, 84, 1678-1694.	1.2	1
16	STABILIZATION OF ACROBOT AFTER LANDING. , 2014, , .		1
17	Control of a Mobile Robot Formation Using Artificial Potential Functions. Studies in Systems, Decision and Control, 2021, , 455-496.	0.8	1
18	Trajectory optimization in terms of quasi-velocity vector. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
19	Evaluation of manipulator dynamics based on optimal controller. , 2006, , .		0
20	A New Control Algorithm for Robot with Joint Flexibility. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	0
21	Control algorithm for a two-inputs nonholonomic kinematics using polar transformation. , 2012, , .		0
22	Identification of uncertainties in a robotic astronomical 0.5-m telescope mount. , 2017, , .		0
23	Application of Convolutional Neural Networks to Femur Tracking in a Sequence of X-Ray Images. , 2018, , .		0
24	Convolutional Neural Network Based Femur Stabilization for X-Ray Image Sequences. , 2018, , .		0
25	Control of a differentially driven nonholonomic robot subject to a restricted wheels rotation. , 2020, , .		0