

Krzysztof Kozłowski

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

236
citations

1683354

5
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1372195

10
g-index

26
all docs

26
docs citations

26
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of a Mobile Robot Formation Using Artificial Potential Functions. <i>Studies in Systems, Decision and Control</i> , 2021, , 455-496.	0.8	1
2	Smooth State Feedback Control of a New Nonholonomic Manipulator Coping With Singularities. <i>IEEE Transactions on Control Systems Technology</i> , 2020, 28, 306-317.	3.2	5
3	Control of a differentially driven nonholonomic robot subject to a restricted wheels rotation. , 2020, , .		0
4	Analysis of an Impact of Inertia Parameter in Active Disturbance Rejection Control Structures. <i>Electronics (Switzerland)</i> , 2020, 9, 1801.	1.8	4
5	Identification of a Dynamic Friction Model and Its Application in a Precise Tracking Control. <i>Acta Polytechnica Hungarica</i> , 2019, 16, 83-99.	2.5	12
6	Application of Convolutional Neural Networks to Femur Tracking in a Sequence of X-Ray Images. , 2018, , .		0
7	Evaluation of integral anti-windup feedback coefficient for PI regulator. , 2018, , .		2
8	Convolutional Neural Network Based Femur Stabilization for X-Ray Image Sequences. , 2018, , .		0
9	Set-point Control of Mobile Robot with Obstacle Detection and Avoidance Using Navigation Function - Experimental Verification. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2017, 85, 539-552.	2.0	10
10	Identification of uncertainties in a robotic astronomical 0.5-m telescope mount. , 2017, , .		0
11	A unified motion control and low level planning algorithm for a wheeled skid-steering robot. , 2015, , .		4
12	Control of a mobile robot and collision avoidance using navigation function - experimental verification. , 2015, , .		6
13	Motion Control of Vehicles with Trailers Using Transverse Function Approach. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2015, 77, 457-479.	2.0	8
14	STABILIZATION OF ACROBOT AFTER LANDING. , 2014, , .		1
15	Control algorithm for a two-inputs nonholonomic kinematics using polar transformation. , 2012, , .		0
16	Lifelong education in robotics and mechatronics. , 2012, , .		13
17	The VFO state-constrained stabilisation of the nonholonomic manipulator with limited control input. <i>International Journal of Control</i> , 2011, 84, 1678-1694.	1.2	1
18	Vector-Field-Orientation Feedback Control Method for a Differentially Driven Vehicle. <i>IEEE Transactions on Control Systems Technology</i> , 2010, 18, 45-65.	3.2	100

#	ARTICLE	IF	CITATIONS
19	VFO tracking and set-point control for an articulated vehicle with off-axle hitched trailer. , 2009, , .		2
20	Trajectory tracking of underactuated skid-steering robot. , 2008, , .		21
21	A New Control Algorithm for Robot with Joint Flexibility. Control Applications (CCA), Proceedings of the IEEE International Conference on, 2007, , .	0.0	0
22	Trajectory optimization in terms of quasi-velocity vector. , 2006, , .		0
23	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
24	Practical Stabilization of a Skid-steering Mobile Robot - A Kinematic-based Approach. , 2006, , .		26
25	Evaluation of manipulator dynamics based on optimal controller. , 2006, , .		0