

Ulrich Konigorski

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Method for Disturbance-Tolerant "Sensorless" Angle Measurement of DC Motors. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	1
2	Analysis of DC Motor Current Waveforms Affecting the Accuracy of "Sensorless" Angle Measurement. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	5
3	Spatial-Based Trajectory Planning in Time-Varying Environments. IFAC-PapersOnLine, 2021, 54, 795-800.	0.9	0
4	A Time-optimal Trajectory Generation Approach with Non-uniform B-splines. International Journal of Control, Automation and Systems, 2021, 19, 3947-3955.	2.7	4
5	Robust coupling control using pole region assignment. Systems and Control Letters, 2021, 158, 105067.	2.3	2
6	Model-Matching-Control of a Redundantly Actuated Steer-by-Wire-System. , 2020, , .		1
7	On the Design of Grid-Side Inverter Voltage Controllers. , 2020, , .		0
8	A Novel Approach for Gait Phase Estimation for different Locomotion Modes using Kinematic Shank Information. IFAC-PapersOnLine, 2020, 53, 8697-8703.	0.9	6
9	Estimating Koopman Invariant Subspaces of Excited Systems Using Artificial Neural Networks. IFAC-PapersOnLine, 2020, 53, 1156-1162.	0.9	7
10	Control of a Transtibial Prosthesis with Monoarticular and Biarticular Actuators. IFAC-PapersOnLine, 2020, 53, 8689-8696.	0.9	3
11	Parametric eigenvalue assignment by constant output feedback "a cascaded approach. Automatisierungstechnik, 2020, 68, 817-825.	0.8	2
12	Prediction of highway lane changes based on prototype trajectories. Forschung Im Ingenieurwesen/Engineering Research, 2019, 83, 149-161.	1.6	9
13	Distributed trajectory planning for multi-agent discrete event systems. Automatisierungstechnik, 2019, 67, 751-761.	0.8	0
14	Primary and Secondary Control in Lossy Inverter-Based Microgrids. , 2019, , .		4
15	Robust Two-Degree-of-Freedom Wheel Slip Controller Structure for Anti-lock Braking. IFAC-PapersOnLine, 2019, 52, 431-437.	0.9	5
16	Flow network control via substituted flows determining the ratio of parallel flows. IFAC-PapersOnLine, 2019, 52, 1455-1460.	0.9	0
17	Eigenvalue Assignment for the Laplacian Matrix of Directed Graphs. , 2019, , .		3
18	Motion Pattern Recognition for Maneuver Detection and Trajectory Prediction on Highways. , 2018, , .		9

#	ARTICLE	IF	CITATIONS
19	Primary control of inverter-based microgrids and robustness analysis. , 2018, , .		2
20	Modeling and control of inverter-based microgrids – This work is funded by the German Federal Ministry for Economic Affairs and Energy under the support code 0324101.. IFAC-PapersOnLine, 2018, 51, 19-24.	0.9	11
21	Knee-ankle-foot orthosis with powered knee for support in the elderly. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 715-727.	1.8	13
22	Systematic Transformation of Chemical Catalyst Models for Control Design. IEEE Transactions on Control Systems Technology, 2017, 25, 1656-1669.	5.2	0
23	Modeling and control of a wheeled mobile vehicle driving simulator by differential parameterization. , 2017, , .		0
24	Trajectory Planning for Automated Lane Changes. ATZ Worldwide, 2016, 118, 60-65.	0.1	3
25	Harmonic approximation of velocity oscillations in electrical drives. , 2016, , .		4
26	WirelessHART in der Prozessregelung. Atp Magazin, 2016, 58, 56-69.	0.5	0
27	Coupling-based methods to design feedback controllers and observers for nonlinear descriptor systems. Proceedings in Applied Mathematics and Mechanics, 2014, 14, 7-10.	0.2	0
28	Efficient Observer Design for Multirate Sampled-Data Systems. Proceedings in Applied Mathematics and Mechanics, 2014, 14, 935-936.	0.2	0
29	On Linear Solutions of the Output Feedback Pole Assignment Problem. IEEE Transactions on Automatic Control, 2013, 58, 2354-2359.	5.7	16
30	Design of causal state observers for regular descriptor systems. European Journal of Control, 2013, 19, 104-112.	2.6	0
31	Pole placement by parametric output feedback. Systems and Control Letters, 2012, 61, 292-297.	2.3	22
32	Algebraic modelling of linear systems by means of Walsh functions. Mathematical and Computer Modelling of Dynamical Systems, 2006, 12, 589-605.	2.2	2
33	Ausgangsgrößenverkopplung bei linearen Mehrgrößensystemen. Automatisierungstechnik, 1999, 47, 165-170.	0.8	7