

Ulrich Konigorski

List of Publications by Year in descending order

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33
papers

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1307594

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times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Pole placement by parametric output feedback. <i>Systems and Control Letters</i> , 2012, 61, 292-297.	2.3	22
2	On Linear Solutions of the Output Feedback Pole Assignment Problem. <i>IEEE Transactions on Automatic Control</i> , 2013, 58, 2354-2359.	5.7	16
3	Knee-ankle-foot orthosis with powered knee for support in the elderly. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2017, 231, 715-727.	1.8	13
4	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.. <i>IFAC-PapersOnLine</i> , 2018, 51, 19-24.	0.9	11
5	Motion Pattern Recognition for Maneuver Detection and Trajectory Prediction on Highways. , 2018, , .		9
6	Prediction of highway lane changes based on prototype trajectories. <i>Forschung Im Ingenieurwesen/Engineering Research</i> , 2019, 83, 149-161.	1.6	9
7	Ausgangsgrößenverkopplung bei linearen Mehrgrößensystemen. <i>Automatisierungstechnik</i> , 1999, 47, 165-170.	0.8	7
8	Estimating Koopman Invariant Subspaces of Excited Systems Using Artificial Neural Networks. <i>IFAC-PapersOnLine</i> , 2020, 53, 1156-1162.	0.9	7
9	A Novel Approach for Gait Phase Estimation for different Locomotion Modes using Kinematic Shank Information. <i>IFAC-PapersOnLine</i> , 2020, 53, 8697-8703.	0.9	6
10	Robust Two-Degree-of-Freedom Wheel Slip Controller Structure for Anti-lock Braking. <i>IFAC-PapersOnLine</i> , 2019, 52, 431-437.	0.9	5
11	Analysis of DC Motor Current Waveforms Affecting the Accuracy of Sensorless Angle Measurement. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-8.	4.7	5
12	Harmonic approximation of velocity oscillations in electrical drives. , 2016, , .		4
13	Primary and Secondary Control in Lossy Inverter-Based Microgrids. , 2019, , .		4
14	A Time-optimal Trajectory Generation Approach with Non-uniform B-splines. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 3947-3955.	2.7	4
15	Trajectory Planning for Automated Lane Changes. <i>ATZ Worldwide</i> , 2016, 118, 60-65.	0.1	3
16	Eigenvalue Assignment for the Laplacian Matrix of Directed Graphs. , 2019, , .		3
17	Control of a Transtibial Prosthesis with Monoarticular and Biarticular Actuators. <i>IFAC-PapersOnLine</i> , 2020, 53, 8689-8696.	0.9	3
18	Algebraic modelling of linear systems by means of Walsh functions. <i>Mathematical and Computer Modelling of Dynamical Systems</i> , 2006, 12, 589-605.	2.2	2

#	ARTICLE	IF	CITATIONS
19	Primary control of inverter-based microgrids and robustness analysis. , 2018, , .		2
20	Parametric eigenvalue assignment by constant output feedback " a cascaded approach. Automatisierungstechnik, 2020, 68, 817-825.	0.8	2
21	Robust coupling control using pole region assignment. Systems and Control Letters, 2021, 158, 105067.	2.3	2
22	Model-Matching-Control of a Redundantly Actuated Steer-by-Wire-System. , 2020, , .		1
23	A Method for Disturbance-Tolerant "Sensorless" Angle Measurement of DC Motors. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-9.	4.7	1
24	Design of causal state observers for regular descriptor systems. European Journal of Control, 2013, 19, 104-112.	2.6	0
25	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
26	Efficient Observer Design for Multirate Sampled-Data Systems. Proceedings in Applied Mathematics and Mechanics, 2014, 14, 935-936.	0.2	0
27	Systematic Transformation of Chemical Catalyst Models for Control Design. IEEE Transactions on Control Systems Technology, 2017, 25, 1656-1669.	5.2	0
28	Modeling and control of a wheeled mobile vehicle driving simulator by differential parameterization. , 2017, , .		0
29	Distributed trajectory planning for multi-agent discrete event systems. Automatisierungstechnik, 2019, 67, 751-761.	0.8	0
30	Flow network control via substituted flows determining the ratio of parallel flows. IFAC-PapersOnLine, 2019, 52, 1455-1460.	0.9	0
31	On the Design of Grid-Side Inverter Voltage Controllers. , 2020, , .		0
32	Spatial-Based Trajectory Planning in Time-Varying Environments. IFAC-PapersOnLine, 2021, 54, 795-800.	0.9	0
33	WirelessHART in der Prozessregelung. Atp Magazin, 2016, 58, 56-69.	0.5	0