

Lukas Marko

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

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1478505

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1372567

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14
docs citations

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times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancellation of unknown multi-harmonic disturbances in multivariable flexible mechanical structures. <i>Automatica</i> , 2022, 137, 110123.	5.0	6
2	Iterative learning and feedback control for the curvature and contact force of a metal strip on a roll. <i>Control Engineering Practice</i> , 2022, 121, 105071.	5.5	1
3	Nonlinear Model Predictive Control of a Variable-Speed Pumped-Storage Power Plant. <i>IEEE Transactions on Control Systems Technology</i> , 2021, 29, 645-660.	5.2	21
4	Magnetic Actuator Design for Strip Stabilizers in Hot-Dip Galvanizing Lines: Examining Rules and Basic Tradeoffs. <i>IEEE Industry Applications Magazine</i> , 2020, 26, 54-63.	0.4	5
5	Frequency-adaptive cancellation of harmonic disturbances at non-measurable positions of steel strips. <i>Mechatronics</i> , 2020, 71, 102423.	3.3	7
6	Feedforward control of the transverse strip profile in hot-dip galvanizing lines. <i>Journal of Process Control</i> , 2020, 92, 35-49.	3.3	7
7	Discrete-Time Repetitive Control for Multi-Harmonic Reference Trajectories with Arbitrary Frequency. <i>IFAC-PapersOnLine</i> , 2020, 53, 1646-1651.	0.9	2
8	Optimal feedforward control of hydraulic drive systems with long pipelines. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2019, 19, e201900195.	0.2	0
9	Non-Collocated Position Control of Steel Strip With Electromagnetic Rejection of Unknown Multi-Harmonic Disturbances. <i>IFAC-PapersOnLine</i> , 2019, 52, 430-435.	0.9	2
10	Early- and late-lumping observer designs for long hydraulic pipelines: Application to pumped-storage power plants. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 2759-2779.	3.7	6
11	The spectral element method as an efficient tool for transient simulations of hydraulic systems. <i>Applied Mathematical Modelling</i> , 2018, 54, 627-647.	4.2	12
12	Magnetic actuator design for strip stabilizers in hot dip galvanizing lines. , 2018, , .		3
13	Active rejection control for unknown harmonic disturbances of the transverse deflection of steel strips with control input, system output, sensor output, and disturbance input at different positions. <i>Mechatronics</i> , 2018, 56, 73-86.	3.3	16
14	Nichtlineares Bewegungsmodell für ein Stahlband in einer Oberflächenbeschichtungsanlage. <i>Automatisierungstechnik</i> , 2017, 65, 546-560.	0.8	2