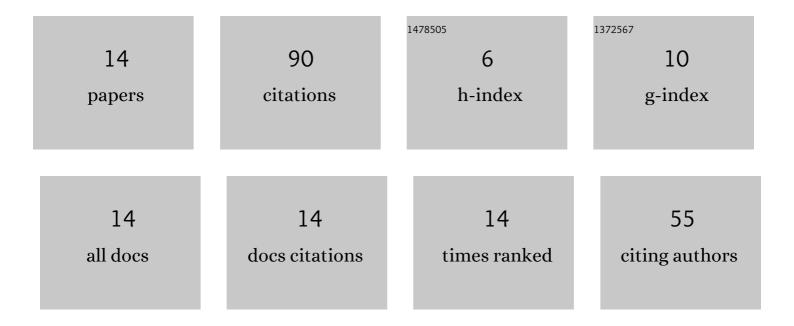
## Lukas Marko

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1093240/publications.pdf Version: 2024-02-01



LUKAS MADKO

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