

# Lennart Blanken

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3301631/publications.pdf>

Version: 2024-02-01

16  
papers

230  
citations

1039880

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1372474

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docs citations

16  
times ranked

128  
citing authors

#	ARTICLE	IF	CITATIONS
1	Batch-to-Batch Rational Feedforward Control: From Iterative Learning to Identification Approaches, With Application to a Wafer Stage. IEEE/ASME Transactions on Mechatronics, 2017, 22, 826-837.	3.7	63
2	Multivariable Iterative Learning Control Design Procedures: From Decentralized to Centralized, Illustrated on an Industrial Printer. IEEE Transactions on Control Systems Technology, 2020, 28, 1534-1541.	3.2	28
3	Kernel-based identification of non-causal systems with application to inverse model control. Automatica, 2020, 114, 108830.	3.0	28
4	Optimal Estimation of Rational Feedforward Control via Instrumental Variables: With Application to a Wafer Stage. Asian Journal of Control, 2018, 20, 975-992.	1.9	13
5	Multivariable Repetitive Control: Decentralized Designs With Application to Continuous Media Flow Printing. IEEE/ASME Transactions on Mechatronics, 2020, 25, 294-304.	3.7	12
6	Sequential Multiperiod Repetitive Control Design With Application to Industrial Wide-Format Printing. IEEE/ASME Transactions on Mechatronics, 2020, 25, 770-778.	3.7	12
7	Flexible ILC: Towards a Convex Approach for Non-Causal Rational Basis Functions. IFAC-PapersOnLine, 2017, 50, 12107-12112.	0.5	11
8	Data-driven feedforward tuning using non-causal rational basis functions: With application to an industrial flatbed printer. Mechatronics, 2020, 71, 102424.	2.0	11
9	Design Techniques for Multivariable ILC: Application to an Industrial Flatbed Printer. IFAC-PapersOnLine, 2016, 49, 213-221.	0.5	10
10	Optimal estimation of rational feedforward controllers: An instrumental variable approach. , 2015, , .		9
11	Rational iterative feedforward tuning: Approaches, stable inversion, and experimental comparison. , 2016, , .		8
12	Data-Driven Feedforward Learning using Non-Causal Rational Basis Functions: Application to an Industrial Flatbed Printer. , 2018, , .		8
13	Multivariable repetitive control design framework applied to flatbed printing with continuous media flow. , 2017, , .		7
14	Design and modeling aspects in multivariable iterative learning control. , 2016, , .		5
15	Inverse System Estimation for Feedforward: A Kernel-Based Approach for Non-Causal Systems. IFAC-PapersOnLine, 2018, 51, 1050-1055.	0.5	4
16	Kernel-based regression of non-causal systems for inverse model feedforward estimation. , 2018, , .		1