

# Robin D De Rozario

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4152214/publications.pdf>

Version: 2024-02-01

13  
papers

130  
citations

1683934  
5  
h-index

1588896  
8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

80  
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-driven iterative inversion-based control: Achieving robustness through nonlinear learning. Automatica, 2019, 107, 342-352.	3.0	34
2	Finite-Time Learning Control Using Frequency Response Data With Application to a Nanopositioning Stage. IEEE/ASME Transactions on Mechatronics, 2019, 24, 2085-2096.	3.7	20
3	Identifying Position-Dependent Mechanical Systems: A Modal Approach Applied to a Flexible Wafer Stage. IEEE Transactions on Control Systems Technology, 2021, 29, 194-206.	3.2	18
4	Iterative Learning Control and feedforward for LPV systems: Applied to a position-dependent motion system. , 2017, , .		12
5	Iterative Control for Periodic Tasks with Robustness Considerations, Applied to a Nanopositioning Stage**This work is supported by the Innovational Research Incentives Scheme under the VENI grant Precision Motion: Beyond the Nanometer (no. 13073) awarded by NWO (The Netherlands Organisation) Tj ETQq1 1 0.784314 rrgBT /Ov	0.5	11
6	Improving transient learning behavior in model-free inversion-based iterative control with application to a desktop printer. , 2018, , .		7
7	Identification for motion control: Incorporating constraints and numerical considerations. , 2016, , .		5
8	Global Feedforward Control of Spatio-Temporal Mechanical Systems: With Application to a Prototype Wafer Stage. IFAC-PapersOnLine, 2017, 50, 14575-14580.	0.5	5
9	Frequency Response Function Identification of LPV Systems: a Global Approach with Application to Mechanical Systems. IFAC-PapersOnLine, 2018, 51, 108-113.	0.5	5
10	Frequency response function identification of periodically scheduled linear parameter-varying systems. Mechanical Systems and Signal Processing, 2021, 148, 107156.	4.4	5
11	Multivariable nonparametric learning: A robust iterative inversion-based control approach. International Journal of Robust and Nonlinear Control, 2021, 31, 541-564.	2.1	4
12	Accommodating Trial-Varying Tasks in Iterative Learning Control for LPV Systems, Applied to Printer Sheet Positioning. , 2018, , .		2
13	Multivariable Learning Using Frequency Response Data: A Robust Iterative Inversion-Based Control Approach with Application. , 2019, , .		2