

Ruud Beerens

List of Publications by Year in descending order

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12
papers

115
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1683934

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1372474

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g-index

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12
docs citations

12
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	Reset PID Design for Motion Systems With Stribeck Friction. IEEE Transactions on Control Systems Technology, 2022, 30, 294-310.	3.2	8
2	Proportional-Integral-Derivative-Based Learning Control for High-Accuracy Repetitive Positioning of Frictional Motion Systems. IEEE Transactions on Control Systems Technology, 2021, 29, 1652-1663.	3.2	4
3	Control Allocation for an Industrial High-Precision Transportation and Positioning System. IEEE Transactions on Control Systems Technology, 2021, 29, 876-883.	3.2	6
4	The Effect of Controller Design on Delayed Bilateral Teleoperation Performance: An Experimental Comparison. IEEE Transactions on Control Systems Technology, 2020, 28, 1727-1740.	3.2	2
5	To stick or to slip: A reset PID control perspective on positioning systems with friction. Annual Reviews in Control, 2020, 49, 37-63.	4.4	17
6	Reset integral control for improved settling of PID-based motion systems with friction. Automatica, 2019, 107, 483-492.	3.0	29
7	Hybrid model formulation and stability analysis of a PID-controlled motion system with Coulomb friction. IFAC-PapersOnLine, 2019, 52, 84-89.	0.5	1
8	A sampled-data extremum-seeking approach for accurate setpoint control of motion systems with friction. IFAC-PapersOnLine, 2019, 52, 801-806.	0.5	3
9	Direct Force-Reflecting Two-Layer Approach for Passive Bilateral Teleoperation With Time Delays. IEEE Transactions on Robotics, 2018, 34, 194-206.	7.3	37
10	Control allocation for a high-precision linear transport system. , 2018, , .		2
11	Hybrid PID control for transient performance improvement of motion systems with friction. , 2018, , .		2
12	Set-point Control of Motion Systems with Uncertain Set-valued Stribeck Friction * *This research is supported by the Dutch Technology Foundation (STW, project 13896). IFAC-PapersOnLine, 2017, 50, 2965-2970.	0.5	4