

Diego S Carrasco

List of Publications by Year in descending order

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9
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1684188
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110
citing authors

#	ARTICLE	IF	CITATIONS
1	A fundamental control limitation for linear positive systems with application to Type 1 diabetes treatment. <i>Automatica</i> , 2015, 55, 73-77.	5.0	45
2	A fundamental control performance limit for a class of positive nonlinear systems. <i>Automatica</i> , 2018, 95, 14-22.	5.0	16
3	Modified Euler-Frobenius Polynomials With Application to Sampled Data Modelling. <i>IEEE Transactions on Automatic Control</i> , 2017, 62, 3972-3985.	5.7	11
4	Stochastic model predictive control: Insights and performance comparisons for linear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 5038-5057.	3.7	10
5	Design of MDIs for Type 1 Diabetes Treatment via Rolling Horizon Cardinality-Constrained Optimisation. <i>IFAC-PapersOnLine</i> , 2017, 50, 15044-15049.	0.9	5
6	Nonlinear Insulin to Carbohydrate Rule for Treatment of Type 1 Diabetes. <i>IFAC-PapersOnLine</i> , 2015, 48, 198-203.	0.9	4
7	Individualization of stochastic models from population statistics for blood glucose regulation in Type 1 diabetes patients. , 2016, , .		2
8	Towards a Simple Sampled-Data Control Law for Stably Invertible Linear Systems. <i>IFAC-PapersOnLine</i> , 2020, 53, 4582-4587.	0.9	2
9	A performance limitation for blood glucose regulation in type 1 diabetes accounting for insulin delivery delays. , 2016, , .		1