

G-L Osorio-Gordillo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4045575/publications.pdf>

Version: 2024-02-01

22
papers

155
citations

1163117

8
h-index

1281871

11
g-index

22
all docs

22
docs citations

22
times ranked

147
citing authors

#	ARTICLE	IF	CITATIONS
1	H ∞ dynamical observers design for linear descriptor systems. Application to state and unknown input estimation. European Journal of Control, 2015, 26, 35-43.	2.6	23
2	Fault detection and isolation system for boiler-turbine unit of a thermal power plant. Electric Power Systems Research, 2017, 148, 237-244.	3.6	16
3	Generalised dynamic observer design for Lipschitz nonlinear descriptor systems. IET Control Theory and Applications, 2019, 13, 2270-2280.	2.1	14
4	New dynamical observers design for linear descriptor systems. IET Control Theory and Applications, 2016, 10, 2223-2232.	2.1	13
5	H ∞ generalized dynamic unknown inputs observer design for discrete LPV systems. Application to wind turbine. European Journal of Control, 2018, 44, 40-49.	2.6	12
6	Temperature control of an alcoholic fermentation process through the Takagi-Sugeno modeling. Chemical Engineering Research and Design, 2018, 140, 320-330.	5.6	10
7	H ∞ dynamic observers for a class of nonlinear systems with unknown inputs. International Journal of Control, 2021, 94, 558-569.	1.9	10
8	Generalized dynamic observers for quasi-LPV systems with unmeasurable scheduling functions. International Journal of Robust and Nonlinear Control, 2018, 28, 5262-5278.	3.7	9
9	Takagi-Sugeno Observers as an Alternative to Nonlinear Observers for Analytical Redundancy. Application to a Steam Generator of a Thermal Power Plant. International Journal of Fuzzy Systems, 2018, 20, 1756-1766.	4.0	7
10	Fault estimation for descriptor linear systems based on the generalised dynamic observer. International Journal of Systems Science, 2018, 49, 2398-2409.	5.5	7
11	Generalized dynamic observers for LPV singular systems. IFAC-PapersOnLine, 2015, 48, 152-157.	0.9	5
12	Fault Diagnosis in Sensors of Boiler Following Control of a Thermal Power Plant. IEEE Latin America Transactions, 2018, 16, 1692-1699.	1.6	5
13	Fault diagnosis for discrete-time descriptor linear systems. IFAC-PapersOnLine, 2015, 48, 1238-1243.	0.9	4
14	Generalized dynamic observer design for quasi-LPV systems. Automatisierungstechnik, 2018, 66, 225-233.	0.8	4
15	Adaptive observer design for LPV systems. IFAC-PapersOnLine, 2019, 52, 140-145.	0.9	4
16	Dynamic of Glucose Homeostasis in Virtual Patients: A Comparison between Different Behaviors. International Journal of Environmental Research and Public Health, 2022, 19, 716.	2.6	3
17	Dynamical observer-based fault detection and isolation for linear singular systems. Systems Science and Control Engineering, 2015, 3, 189-197.	3.1	2
18	Fuzzy functional observer for the control of the glucose-insulin system. Journal of Intelligent and Fuzzy Systems, 2019, 37, 5085-5096.	1.4	2

#	ARTICLE	IF	CITATIONS
19	Actuator fault estimation based on generalized learning observer for quasi-linear parameter varying systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021, 35, 828-845.	4.1	2
20	H_∞ dynamical observer-based control for descriptor systems. <i>IMA Journal of Mathematical Control and Information</i> , 2017, , dnw072.	1.7	1
21	Using the second-order information for reconfigurability analysis and design in the fault tolerant framework. <i>Automatika</i> , 2018, 59, 51-62.	2.0	1
22	Actuator Fault Compensation Based on a Takagi-Sugeno PI Observer: Application to a Thermoelectric Steam Generator. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 855-866.	4.0	1