

# G-L Osorio-Gordillo

## List of Publications by Year in descending order

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22  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Actuator Fault Compensation Based on a Takagi-Sugeno PI Observer: Application to a Thermoelectric Steam Generator. International Journal of Fuzzy Systems, 2022, 24, 855-866.	4.0	1
2	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
3	$\hat{H}$ dynamic observers for a class of nonlinear systems with unknown inputs. International Journal of Control, 2021, 94, 558-569.	1.9	10
4	Actuator fault estimation based on generalized learning observer for quasi-linear parameter varying systems. International Journal of Adaptive Control and Signal Processing, 2021, 35, 828-845.	4.1	2
5	Fuzzy functional observer for the control of the glucose-insulin system. Journal of Intelligent and Fuzzy Systems, 2019, 37, 5085-5096.	1.4	2
6	Adaptive observer design for LPV systems. IFAC-PapersOnLine, 2019, 52, 140-145.	0.9	4
7	Generalised dynamic observer design for Lipschitz nonlinear descriptor systems. IET Control Theory and Applications, 2019, 13, 2270-2280.	2.1	14
8	Generalized dynamic observer design for quasi-LPV systems. Automatisierungstechnik, 2018, 66, 225-233.	0.8	4
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	$\hat{H}$ 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
11	Temperature control of an alcoholic fermentation process through the Takagi-Sugeno modeling. Chemical Engineering Research and Design, 2018, 140, 320-330.	5.6	10
12	Fault estimation for descriptor linear systems based on the generalised dynamic observer. International Journal of Systems Science, 2018, 49, 2398-2409.	5.5	7
13	Using the second-order information for reconfigurability analysis and design in the fault tolerant framework. Automatika, 2018, 59, 51-62.	2.0	1
14	Fault Diagnosis in Sensors of Boiler Following Control of a Thermal Power Plant. IEEE Latin America Transactions, 2018, 16, 1692-1699.	1.6	5
15	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
16	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
17	$\infty$ dynamical observer-based control for descriptor systems. IMA Journal of Mathematical Control and Information, 2017, , dnw072.	1.7	1
18	New dynamical observers design for linear descriptor systems. IET Control Theory and Applications, 2016, 10, 2223-2232.	2.1	13

#	ARTICLE	IF	CITATIONS
19	Generalized dynamic observers for LPV singular systems. IFAC-PapersOnLine, 2015, 48, 152-157.	0.9	5
20	Fault diagnosis for discrete-time descriptor linear systems. IFAC-PapersOnLine, 2015, 48, 1238-1243.	0.9	4
21	Dynamical observer-based fault detection and isolation for linear singular systems. Systems Science and Control Engineering, 2015, 3, 189-197.	3.1	2
22	H $\infty$ 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