

Jovan D Boskovic

List of Publications by Year in descending order

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22
papers

864
citations

933447

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22
all docs

22
docs citations

22
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple-Model Adaptive Flight Control Scheme for Accommodation of Actuator Failures. Journal of Guidance, Control, and Dynamics, 2002, 25, 712-724.	2.8	168
2	Comparison of linear, nonlinear and neural-network-based adaptive controllers for a class of fed-batch fermentation processes. Automatica, 1995, 31, 817-840.	5.0	102
3	Multiple-Model Adaptive Fault-Tolerant Control of a Planetary Lander. Journal of Guidance, Control, and Dynamics, 2009, 32, 1812-1826.	2.8	99
4	Adaptive Control Design for Nonaffine Models Arising in Flight Control. Journal of Guidance, Control, and Dynamics, 2004, 27, 209-217.	2.8	95
5	Robust Integrated Flight Control Design Under Failures, Damage, and State-Dependent Disturbances. Journal of Guidance, Control, and Dynamics, 2005, 28, 902-917.	2.8	93
6	A Decentralized Fault-Tolerant Control System for Accommodation of Failures in Higher-Order Flight Control Actuators. IEEE Transactions on Control Systems Technology, 2010, 18, 1103-1115.	5.2	81
7	Intelligent Adaptive Control of a Tailless Advanced Fighter Aircraft Under Wing Damage. Journal of Guidance, Control, and Dynamics, 2000, 23, 876-884.	2.8	54
8	Retrofit Fault-Tolerant Flight Control Design Under Control Effector Damage. Journal of Guidance, Control, and Dynamics, 2007, 30, 703-712.	2.8	54
9	A Multi-Layer Autonomous Intelligent Control Architecture for Unmanned Aerial Vehicles. Journal of Aerospace Computing, Information, and Communication, 2004, 1, 605-628.	0.8	30
10	Failure Detection, Identification and Reconfiguration in Flight Control. , 2003, , 129-167.		20
11	Robust Fault-Tolerant Flight Control using a New Failure Parameterization. , 2007, , .		11
12	Stable Adaptive Reconfigurable Flight Control with Self-Diagnostics. Proceedings of the American Control Conference, 2007, , .	0.0	11
13	Stable adaptive control of a class of continuous-flow bioreactors. AIChE Journal, 1996, 42, 176-186.	3.6	10
14	A new decentralized retrofit adaptive fault-tolerant flight control design. International Journal of Adaptive Control and Signal Processing, 2014, 28, 778-797.	4.1	8
15	Adaptive Flight Control Under Actuation and Sensor Failures and Slow-Engine Dynamics. Journal of Guidance, Control, and Dynamics, 2017, 40, 905-919.	2.8	8
16	An initial study of a combined robust and adaptive control approach to guaranteed performance flight control. , 2008, , .		7
17	Novel feeding strategy for adaptive control of bioreactor processes. Journal of Process Control, 1997, 7, 209-217.	3.3	4
18	Failure detection, identification and reconfiguration system for a redundant actuator assembly. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 411-416.	0.4	4

#	ARTICLE	IF	CITATIONS
19	Adaptive control using reduced-order observers. , 2008, , .		3
20	Performance Evaluation of an Integrated Retrofit Failure Detection, Identification and Reconfiguration (FDIR) System Using High-Fidelity and Piloted Simulations. , 2004, , .		1
21	Integrated Reconfigurable Aero-Propulsion (IRAP) Control for Improved Fault Tolerance. , 2013, , .		1
22	Adaptive fault tolerant control design for a model of DC-X dynamics. , 2008, , .		0