

Nhan Nguyen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

507
citations

1684188

5
h-index

1720034

7
g-index

21
all docs

21
docs citations

21
times ranked

257
citing authors

#	ARTICLE	IF	CITATIONS
1	Flight Dynamics and Hybrid Adaptive Control of Damaged Aircraft. Journal of Guidance, Control, and Dynamics, 2008, 31, 751-764.	2.8	139
2	An Optimal Control Modification to Model-Reference Adaptive Control for Fast Adaptation. , 2008, , .		90
3	Design of neural network-based estimator for tool wear modeling in hard turning. Journal of Intelligent Manufacturing, 2008, 19, 383-396.	7.3	69
4	Stability limit of human-in-the-loop model reference adaptive control architectures. International Journal of Control, 2018, 91, 2314-2331.	1.9	29
5	Implementation and Evaluation of Multiple Adaptive Control Technologies for a Generic Transport Aircraft Simulation. , 2010, , .		21
6	Least-Squares Model-Reference Adaptive Control with Chebyshev Orthogonal Polynomial Approximation. Journal of Aerospace Information Systems, 2013, 10, 268-286.	1.4	19
7	Adaptive Flight Control Design with Optimal Control Modification for F-18 Aircraft Model. , 2010, , .		18
8	On Time Delay Margin Estimation for Adaptive Control and Robust Modification Adaptive Laws. , 2011, , .		17
9	An Adaptive Control Simulation Study using Pilot Handling Qualities Evaluations. , 2010, , .		16
10	Asymptotic Linearity of Optimal Control Modification Adaptive Law with Analytical Stability Margins. , 2010, , .		15
11	Robust Optimal Adaptive Control Method with Large Adaptive Gain. , 2009, , .		12
12	Least-Squares Adaptive Control Using Chebyshev Orthogonal Polynomials. , 2011, , .		10
13	Demonstration of the Optimal Control Modification for General Aviation: Design and Simulation. , 2011, , .		10
14	Transient performance and asymptotic tracking with filtering robust adaptive control. , 2009, , .		9
15	Adaptive Control of a Transport Aircraft Using Differential Thrust. , 2009, , .		7
16	Normalized Optimal Control Modification and Flight Experiments on NASA F/A-18 Aircraft. Journal of Guidance, Control, and Dynamics, 2017, 40, 1061-1075.	2.8	7
17	Optimal Control Modification for Robust Adaptation of Singularly Perturbed Systems with Slow Actuators. , 2009, , .		5
18	Evaluation of Derivative-Free Adaptive Controller with Optimal Control Modification. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
19	Robustness quantification of recurrent neural network using unscented transform. Neurocomputing, 2010, 74, 354-361.	5.9	4
20	Erratum on "Flight Dynamics and Hybrid Adaptive Control of Damaged Aircraft". Journal of Guidance, Control, and Dynamics, 2008, 31, 1837-1838.	2.8	3