

# Ca Rabbath

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

322  
citations

1478505

6  
h-index

1588992

8  
g-index

20  
all docs

20  
docs citations

20  
times ranked

294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Active fault-tolerant control system design with trajectory re-planning against actuator faults and saturation: Application to a quadrotor unmanned aerial vehicle. International Journal of Adaptive Control and Signal Processing, 2015, 29, 1-23.	4.1	81
2	Trajectory tracking of leader-follower formations characterized by constant line-of-sight angles. Automatica, 2006, 42, 2131-2141.	5.0	59
3	A solution to simultaneous arrival of multiple UAVs using Pythagorean hodograph curves. , 2006, , .		40
4	Decentralized Detection of a Class of Non-Abrupt Faults With Application to Formations of Unmanned Airships. IEEE Transactions on Control Systems Technology, 2009, 17, 484-493.	5.2	32
5	Convergence of Sampled-Data Models in Digital Redesign. IEEE Transactions on Automatic Control, 2004, 49, 850-855.	5.7	18
6	Effective real-time simulations of event-based systems. , 0, , .		14
7	A predictive guidance law with uncertain information about the target state. , 2006, , .		14
8	Effective modeling and simulation of internal combustion engine control systems. , 2001, , .		13
9	Towards Decentralized Fault Detection in UAV Formations. Proceedings of the American Control Conference, 2007, , .	0.0	13
10	Simulating hybrid dynamic systems. IEEE Robotics and Automation Magazine, 2002, 9, 39-47.	2.0	10
11	Uncertain Nonlinear Receding Horizon Control Systems Subject to Non-Zero Computation Time. , 0, , .		7
12	Quasipassivity-based robust nonlinear control synthesis for flap positioning using shape memory alloy micro-actuators. , 0, , .		6
13	Cooperative and Deceptive Planning of Multiformations of Networked UCAVs in Adversarial Urban Environments. , 2007, , .		6
14	Synthesis of Lyapunov-based nonlinear missile guidance for a class of maneuvering targets. , 2004, , .		2
15	Optimal dual-rate digital redesign with closed-loop order reduction. IET Control Theory and Applications, 2005, 152, 489-498.	1.7	2
16	An integrated decision, control and fault detection scheme for cooperating unmanned vehicle formations. , 2008, , .		2
17	On the implementation of filters subjected to quantization of coefficients. , 0, , .		1
18	Robust adaptive tracking control of delta wing vortex-coupled roll dynamics using RBF neural networks. , 0, , .		1

#	ARTICLE	IF	CITATIONS
19	Combined H-Infinity Model-Matching Control and Dual-rate Digital Redesign for Missile Acceleration Autopilots. Transactions of the Canadian Society for Mechanical Engineering, 2004, 28, 73-87.	0.8	1
20	Continuous-time lifting analysis of digitally-redesigned control systems. , 0, , .		0