Rw Brockett

List of Publications by Year
in descending order

17 papers	3,485 citations	1040056 9 h-index	1474206 9 g-index
17 all docs	17 docs citations	17 times ranked	1393 citing authors

#	Article	IF	Citations
1	Future directions in control in an information-rich world. IEEE Control Systems, 2003, 23, 20-33.	0.8	273
2	Feedback can reduce the specification complexity of motor programs. IEEE Transactions on Automatic Control, 2003, 48, 213-223.	5.7	55
3	Optimal regulation and reinforcement learning for the nonholonomic integrator. , 2000, , .		6
4	Quantized feedback stabilization of linear systems. IEEE Transactions on Automatic Control, 2000, 45, 1279-1289.	5.7	1,297
5	Nonlinear feedback systems perturbed by noise: steady-state probability distributions and optimal control. IEEE Transactions on Automatic Control, 2000, 45, 1116-1130.	5.7	35
6	Nonholonomic control based on approximate inversion. , 1999, , .		11
7	Systems with finite communication bandwidth constraints. II. Stabilization with limited information feedback. IEEE Transactions on Automatic Control, 1999, 44, 1049-1053.	5.7	725
8	On explicit steady-state solutions of Fokker-Planck equations for a class of nonlinear feedback systems. , 1998, , .		7
9	Systems with finite communication bandwidth constraints. I. State estimation problems. IEEE Transactions on Automatic Control, 1997, 42, 1294-1299.	5.7	427
10	Evolution equations for continuous-scale morphological filtering. IEEE Transactions on Signal Processing, 1994, 42, 3377-3386.	5.3	87
11	Dynamical systems that sort lists, diagonalize matrices, and solve linear programming problems. Linear Algebra and Its Applications, 1991, 146, 79-91.	0.9	340
12	Least squares matching problems. Linear Algebra and Its Applications, 1989, 122-124, 761-777.	0.9	115
13	On the computer control of movement. , 0, , .		80
14	State estimation with finite communication bandwidth constraints. , 0, , .		7
15	Quantized feedback systems perturbed by white noise. , 0, , .		3
16	The controllability of infinite quantum systems. , 0, , .		9
17	A light weight rotary double pendulum: maximizing the domain of attraction. , 0, , .		8