

Rw Brockett

List of Publications by Year in descending order

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