

Yu-Chi Ho

List of Publications by Year in descending order

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43
papers

1,716
citations

516710

16
h-index

580821

25
g-index

43
all docs

43
docs citations

43
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Team decision theory and information structures in optimal control problems--Part I. IEEE Transactions on Automatic Control, 1972, 17, 15-22.	5.7	350
2	Team decision theory and information structures. Proceedings of the IEEE, 1980, 68, 644-654.	21.3	241
3	Smoothed (conditional) perturbation analysis of discrete event dynamical systems. IEEE Transactions on Automatic Control, 1987, 32, 858-866.	5.7	189
4	Performance evaluation and perturbation analysis of discrete event dynamic systems. IEEE Transactions on Automatic Control, 1987, 32, 563-572.	5.7	176
5	An ordinal optimization based bidding strategy for electric power suppliers in the daily energy market. IEEE Transactions on Power Systems, 2001, 16, 788-797.	6.5	88
6	Gaming and price spikes in electric power markets. IEEE Transactions on Power Systems, 2001, 16, 402-408.	6.5	84
7	Information structure, Stackelberg games, and incentive controllability. IEEE Transactions on Automatic Control, 1981, 26, 454-460.	5.7	81
8	An Ordinal Optimization Theory-Based Algorithm for Solving the Optimal Power Flow Problem With Discrete Control Variables. IEEE Transactions on Power Systems, 2004, 19, 276-286.	6.5	73
9	On a class of linear stochastic differential games. IEEE Transactions on Automatic Control, 1968, 13, 227-240.	5.7	67
10	The Witsenhausen counterexample: a hierarchical search approach for nonconvex optimization problems. IEEE Transactions on Automatic Control, 2001, 46, 382-397.	5.7	53
11	On pattern classification algorithms introduction and survey. Proceedings of the IEEE, 1968, 56, 2101-2114.	21.3	51
12	Integrating optimization and simulation: research and practice. , 2000, , .		49
13	Sensitivity analysis and optimization of throughput in a production line with blocking. IEEE Transactions on Automatic Control, 1987, 32, 959-967.	5.7	25
14	On the numerical solutions of stochastic optimization problem. IEEE Transactions on Automatic Control, 1997, 42, 727-729.	5.7	25
15	Stochastic Stackelberg games: Nonnested multistage multiagent incentive problems. IEEE Transactions on Automatic Control, 1983, 28, 477-488.	5.7	20
16	An infinitesimal perturbation analysis algorithm for a multiclass G/G/1 queue. Operations Research Letters, 1990, 9, 35-44.	0.7	20
17	On pattern classification algorithms--Introduction and survey. IEEE Transactions on Automatic Control, 1968, 13, 676-690.	5.7	19
18	Simple explanation of the no free lunch theorem of optimization. , 0, , .		16

#	ARTICLE	IF	CITATIONS
19	Randomization and super-heuristics in choosing sensor sets for target tracking applications. , 0, , .		15
20	A control-theoretic view on incentives. , 1980, , .		11
21	SPRING: synchronized random numbers for wireless security. , 0, , .		8
22	SUPER-HEURISTICS AND THEIR APPLICATIONS TO COMBINATORIAL PROBLEMS. Asian Journal of Control, 1999, 1, 1-13.	3.0	6
23	RANDOM APPROXIMATED GREEDY SEARCH FOR FEATURE SUBSET SELECTION. Asian Journal of Control, 2004, 6, 439-446.	3.0	6
24	Market signaling: An example of a two-person decision problem with dynamic information structure. IEEE Transactions on Automatic Control, 1978, 23, 350-361.	5.7	5
25	Impact of storage on load management by utilities. IEEE Transactions on Automatic Control, 1980, 25, 685-689.	5.7	5
26	Improvements in the likelihood ratio method for steady-state sensitivity analysis and simulation. Performance Evaluation, 1992, 15, 177-194.	1.2	5
27	A control-theoretic view on incentives. , 1980, , 357-383.		4
28	Using perturbation analysis for gradient estimation, averaging and updating in a stochastic approximation algorithm. , 0, , .		4
29	On fast retrieval of relational experiences. , 2017, , .		4
30	A method based on Kolmogorov complexity to improve the efficiency of strategy optimization with limited memory space. , 2006, , .		3
31	On the minimax principle and zero sum stochastic differential games. , 1972, , .		2
32	Incentive problems: A class of stochastic stackelberg closed-loop dynamic games. , 1981, , .		2
33	The Equivalence between Ordinal Optimization in Deterministic Complex Problems and in Stochastic Simulation Problems. Discrete Event Dynamic Systems: Theory and Applications, 2006, 16, 405-411.	1.5	2
34	Simple explanation of the no free lunch theorem of optimization. , 0, , .		2
35	Audio-Visual Books: A Supplemental Educational Tool. IEEE Transactions on Education, 1970, 13, 148-151.	2.4	1
36	A note on filtering in queueing networks and discrete event dynamic systems. IEEE Transactions on Automatic Control, 1986, 31, 787-790.	5.7	1

#	ARTICLE	IF	CITATIONS
37	Performance analysis of scheduling algorithms in a gigabit atm switch using ordinal optimization. , 1994, , .		1
38	A conceptual framework for optimization and distributed intelligence. , 2004, , .		1
39	A modest proposal for a new beginning: a Hippocratic Oath for S&T workers. National Science Review, 2015, 2, 387-388.	9.5	1
40	An Informal Proposal on the Form of University Instruction. IEEE Transactions on Education, 1972, 15, 145-147.	2.4	0
41	On limits of performance analysis and what can we do about it?. , 0, , .		0
42	Foreword to the Special Issue. Discrete Event Dynamic Systems: Theory and Applications, 1999, 9, 5-5.	1.5	0
43	Closure to "Discussions of "A Successive Approximation Technique for Optimal Control Systems Subject to Input Saturation" (1962, ASME J. Basic Eng., 84, p. 37). Journal of Basic Engineering, 1962, 84, 38-40.	0.1	0