

# T H Lee

## List of Publications by Year in descending order

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43  
papers

1,175  
citations

516561

16  
h-index

526166

27  
g-index

44  
all docs

44  
docs citations

44  
times ranked

875  
citing authors

#	ARTICLE	IF	CITATIONS
1	ADAPTIVE BACKSTEPPING CONTROL OF A CLASS OF CHAOTIC SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2000, 10, 1149-1156.	0.7	139
2	Evolutionary computing for knowledge discovery in medical diagnosis. Artificial Intelligence in Medicine, 2003, 27, 129-154.	3.8	127
3	Adaptive NN control for a class of discrete-time non-linear systems. International Journal of Control, 2003, 76, 334-354.	1.2	106
4	Enhanced automatic tuning procedure for process control of PI/PID controllers. AIChE Journal, 1996, 42, 2555-2562.	1.8	85
5	A nonlinear feedback controller for a single-link flexible manipulator based on a finite element model. Journal of Field Robotics, 1997, 14, 165-178.	0.7	78
6	Adaptive-Predictive Control of a Class of SISO Nonlinear Systems. Journal of Dynamical and Control Systems, 2001, 11, 151-174.	0.4	74
7	A multiobjective evolutionary algorithm toolbox for computer-aided multiobjective optimization. IEEE Transactions on Systems, Man, and Cybernetics, 2001, 31, 537-556.	5.5	64
8	Robust Smith-predictor controller for uncertain delay systems. AIChE Journal, 1996, 42, 1033-1040.	1.8	57
9	Automating the drug scheduling of cancer chemotherapy via evolutionary computation. Artificial Intelligence in Medicine, 2002, 25, 169-185.	3.8	55
10	Variable structure control of a distributed-parameter flexible beam. Journal of Field Robotics, 2001, 18, 17-27.	0.7	54
11	Robust adaptive control for a class of uncertain strict-feedback nonlinear systems. International Journal of Robust and Nonlinear Control, 2009, 19, 746-767.	2.1	45
12	Adaptive robust stabilization of dynamic nonholonomic chained systems. Journal of Field Robotics, 2001, 18, 119-133.	0.7	44
13	A Study on Distribution Preservation Mechanism in Evolutionary Multi-Objective Optimization. Artificial Intelligence Review, 2005, 23, 31-33.	9.7	35
14	Automated Fault Detection and Diagnosis in Mechanical Systems. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 1360-1364.	3.3	34
15	Dynamic Modeling of a Smart Materials Robot. AIAA Journal, 1998, 36, 1466-1478.	1.5	30
16	Facial expression recognition and tracking for intelligent human-robot interaction. Intelligent Service Robotics, 2008, 1, 143-157.	1.6	24
17	Adaptive neural network control of flexible joint robots based on feedback linearization. International Journal of Systems Science, 1998, 29, 623-635.	3.7	16
18	A model-based adaptive sliding controller. International Journal of Systems Science, 1996, 27, 129-140.	3.7	15

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19	Tip Tracking Control of a Single-Link Flexible Robot: A Backstepping Approach. Journal of Dynamical and Control Systems, 1997, 7, 341-360.	0.4	13
20	Adaptive modal parameters identification for collocated position feedback vibration control. International Journal of Control, 1991, 53, 597-617.	1.2	8
21	A Stability Criterion for Arbitrarily Switched Second Order LTI Systems. , 2007, , .		8
22	A Knowledge-based approach to dead-time estimation for process control. International Journal of Control, 1995, 61, 1045-1072.	1.2	7
23	Parallel Adaptive Neural Network Control of Robots. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 1994, 208, 231-237.	0.7	6
24	Classification of self-paced finger movements with EEG signals using neural network and evolutionary approaches. , 2009, , .		6
25	Extended Generalised Predictive Control incorporating Feedforward. , 1990, , .		6
26	Hand Gesture Recognition and Tracking based on Distributed Locally Linear Embedding. , 2006, , .		5
27	Adaptive Smart Neural Network Tracking Control of Wheeled Mobile Robots. , 2006, , .		5
28	Generalized Predictive Observer-Controller For Injection Moulding. International Polymer Processing, 1999, 14, 399-408.	0.3	5
29	Learning the Search Range for Evolutionary Optimization in Dynamic Environments. Knowledge and Information Systems, 2002, 4, 228-255.	2.1	4
30	Rule-based control of Wiener-type nonlinear processes through self-organizing. International Journal of Systems Science, 1998, 29, 275-286.	3.7	3
31	Adaptive Neural Networks Control for a Class of Pure-feedback Systems in Discrete-time. , 2007, , .		3
32	EEG signal separation for multi-class motor imagery using common spatial patterns based on Joint Approximate Diagonalization. , 2010, , .		3
33	Adaptive Predictive Control of a Class of Strict-feedback Discrete-time Systems using Discrete Nussbaum Gain. Proceedings of the American Control Conference, 2007, , .	0.0	2
34	Output feedback NN control of NARMA systems using discrete Nussbaum gain. , 2007, , .		2
35	A neural net control system with parallel adaptive enhancements. , 1992, , .		2
36	An approach to adaptive control of continuous-time systems using multiple parallel predictive models. , 1990, , .		2

#	ARTICLE	IF	CITATIONS
37	Real-time neural-network-based control of a gyro-mirror line-of-sight stabilization platform. International Journal of Systems Science, 1998, 29, 745-758.	3.7	1
38	Robust adaptive neuro-fuzzy control of uncertain nonholonomic systems. , 2010, , .		1
39	ROBUST STABILIZATION OF DYNAMIC NONHOLONOMIC CHAINED SYSTEMS. , 2000, , .		1
40	An Intelligent Indirect Dynamic Torque Sensor for Permanent Magnet Brushless DC drives. , 1992, , .		0
41	An Iterative Algorithm for Pole Placement by Output Feedback. , 1993, , .		0
42	Robust control of robot manipulators with fast load adaptation. International Journal of Systems Science, 1995, 26, 1539-1548.	3.7	0
43	A New Gain Scheduled Sliding Mode Control Scheme Using Filtering Techniques. , 2000, , .		0