T H Lee

List of Publications by Year in Descending Order

35 papers	868 citations	16 h-index	29 g-index
44 ext. papers	1,026 ext. citations	2.9 avg, IF	3.46 L-index

#	Paper	IF	Citations
35	Classification of self-paced finger movements with EEG signals using neural network and evolutionary approaches **2009**,		4
34	Robust adaptive control for a class of uncertain strict-feedback nonlinear systems. *International Journal of Robust and Nonlinear Control*, **2009**, 19, 746-767	3.6	40
33	Facial expression recognition and tracking for intelligent human-robot interaction. *Intelligent Service Robotics*, **2008**, 1, 143-157	2.6	18
32	Adaptive Neural Networks Control for a Class of Pure-feedback Systems in Discrete-time **2007**,		3
31	Automated Fault Detection and Diagnosis in Mechanical Systems. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2007**, 37, 1360-1364		25
30	A Stability Criterion for Arbitrarily Switched Second Order LTI Systems **2007**,		6
29	Adaptive Predictive Control of a Class of Strict-feedback Discrete-time Systems using Discrete Nussbaum Gain. *Proceedings of the American Control Conference*, **2007**,	1.2	2
28	Output feedback NN control of NARMA systems using discrete Nussbaum gain **2007**,		2
27	Adaptive Smart Neural Network Tracking Control of Wheeled Mobile Robots **2006**,		5
26	Hand Gesture Recognition and Tracking based on Distributed Locally Linear Embedding **2006**,		4
25	A Study on Distribution Preservation Mechanism in Evolutionary Multi-Objective Optimization. *Artificial Intelligence Review*, **2005**, 23, 31-33	9.7	32
24	Evolutionary computing for knowledge discovery in medical diagnosis. *Artificial Intelligence in Medicine*, **2003**, 27, 129-54	7.4	100
23	Adaptive NN control for a class of discrete-time non-linear systems. *International Journal of Control*, **2003**, 76, 334-354	1.5	82
22	Automating the drug scheduling of cancer chemotherapy via evolutionary computation. *Artificial Intelligence in Medicine*, **2002**, 25, 169-85	7.4	46
21	Learning the Search Range for Evolutionary Optimization in Dynamic Environments. *Knowledge and Information Systems*, **2002**, 4, 228-255	2.4	3
20	Variable structure control of a distributed-parameter flexible beam. *Journal of Field Robotics*, **2001**, 18, 17-27		37
19	Adaptive robust stabilization of dynamic nonholonomic chained systems. *Journal of Field Robotics*, **2001**, 18, 119-133		23

18	Adaptive-Predictive Control of a Class of SISO Nonlinear Systems. *Journal of Dynamical and Control Systems*, **2001**, 11, 151-174		50
17	A multiobjective evolutionary algorithm toolbox for computer-aided multiobjective optimization. *IEEE Transactions on Systems, Man, and Cybernetics*, **2001**, 31, 537-56		44
16	ADAPTIVE BACKSTEPPING CONTROL OF A CLASS OF CHAOTIC SYSTEMS. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2000**, 10, 1149-1156	2	89
15	Generalized Predictive Observer-Controller For Injection Moulding. *International Polymer Processing*, **1999**, 14, 399-408	1	3
14	Rule-based control of Wiener-type nonlinear processes through self-organizing. *International Journal of Systems Science*, **1998**, 29, 275-286	2.3	2
13	Adaptive neural network control of flexible joint robots based on feedback linearization. *International Journal of Systems Science*, **1998**, 29, 623-635	2.3	11
12	Real-time neural-network-based control of a gyro-mirror line-of-sight stabilization platform. *International Journal of Systems Science*, **1998**, 29, 745-758	2.3	0
11	Dynamic Modeling of a Smart Materials Robot. *AIAA Journal*, **1998**, 36, 1466-1478	2.1	26
10	A nonlinear feedback controller for a single-link flexible manipulator based on a finite element model. *Journal of Field Robotics*, **1997**, 14, 165-178		52
9	Tip Tracking Control of a Single-Link Flexible Robot: A Backstepping Approach. *Journal of Dynamical and Control Systems*, **1997**, 7, 341-360		8
8	A model-based adaptive sliding controller. *International Journal of Systems Science*, **1996**, 27, 129-140	2.3	10
7	Robust Smith-predictor controller for uncertain delay systems. *AICHE Journal*, **1996**, 42, 1033-1040	3.6	45
6	Enhanced automatic tuning procedure for process control of PI/PID controllers. *AICHE Journal*, **1996**, 42, 2555-2562	3.6	75
5	Robust control of robot manipulators with fast load adaptation. *International Journal of Systems Science*, **1995**, 26, 1539-1548	2.3	
4	A Knowledge-based approach to dead-time estimation for process control. *International Journal of Control*, **1995**, 61, 1045-1072	1.5	4
3	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	1	2
2	Adaptive modal parameters identification for collocated position feedback vibration control. *International Journal of Control*, **1991**, 53, 597-617	1.5	8
1	Extended Generalised Predictive Control incorporating Feedforward **1990**,		4