

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/10657400/t-h-lee-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Evolutionary computing for knowledge discovery in medical diagnosis. <i>Artificial Intelligence in Medicine</i> , <b>2003</b> , 27, 129-54	7.4	100
34	ADAPTIVE BACKSTEPPING CONTROL OF A CLASS OF CHAOTIC SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2000</b> , 10, 1149-1156	2	89
33	Adaptive NN control for a class of discrete-time non-linear systems. <i>International Journal of Control</i> , <b>2003</b> , 76, 334-354	1.5	82
32	Enhanced automatic tuning procedure for process control of PI/PID controllers. <i>AICHE Journal</i> , <b>1996</b> , 42, 2555-2562	3.6	75
31	A nonlinear feedback controller for a single-link flexible manipulator based on a finite element model. <i>Journal of Field Robotics</i> , <b>1997</b> , 14, 165-178		52
30	Adaptive-Predictive Control of a Class of SISO Nonlinear Systems. <i>Journal of Dynamical and Control Systems</i> , <b>2001</b> , 11, 151-174		50
29	Automating the drug scheduling of cancer chemotherapy via evolutionary computation. <i>Artificial Intelligence in Medicine</i> , <b>2002</b> , 25, 169-85	7.4	46
28	Robust Smith-predictor controller for uncertain delay systems. <i>AICHE Journal</i> , <b>1996</b> , 42, 1033-1040	3.6	45
27	A multiobjective evolutionary algorithm toolbox for computer-aided multiobjective optimization. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2001</b> , 31, 537-56		44
26	Robust adaptive control for a class of uncertain strict-feedback nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2009</b> , 19, 746-767	3.6	40
25	Variable structure control of a distributed-parameter flexible beam. <i>Journal of Field Robotics</i> , <b>2001</b> , 18, 17-27		37
24	A Study on Distribution Preservation Mechanism in Evolutionary Multi-Objective Optimization. <i>Artificial Intelligence Review</i> , <b>2005</b> , 23, 31-33	9.7	32
23	Dynamic Modeling of a Smart Materials Robot. <i>AIAA Journal</i> , <b>1998</b> , 36, 1466-1478	2.1	26
22	Automated Fault Detection and Diagnosis in Mechanical Systems. <i>IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews</i> , <b>2007</b> , 37, 1360-1364		25
21	Adaptive robust stabilization of dynamic nonholonomic chained systems. <i>Journal of Field Robotics</i> , <b>2001</b> , 18, 119-133		23
20	Facial expression recognition and tracking for intelligent human-robot interaction. <i>Intelligent Service Robotics</i> , <b>2008</b> , 1, 143-157	2.6	18
19	Adaptive neural network control of flexible joint robots based on feedback linearization. <i>International Journal of Systems Science</i> , <b>1998</b> , 29, 623-635	2.3	11

18	A model-based adaptive sliding controller. <i>International Journal of Systems Science</i> , <b>1996</b> , 27, 129-140	2.3	10
17	Tip Tracking Control of a Single-Link Flexible Robot: A Backstepping Approach. <i>Journal of Dynamical and Control Systems</i> , <b>1997</b> , 7, 341-360		8
16	Adaptive modal parameters identification for collocated position feedback vibration control. <i>International Journal of Control</i> , <b>1991</b> , 53, 597-617	1.5	8
15	A Stability Criterion for Arbitrarily Switched Second Order LTI Systems <b>2007</b> ,		6
14	Adaptive Smart Neural Network Tracking Control of Wheeled Mobile Robots <b>2006</b> ,		5
13	Classification of self-paced finger movements with EEG signals using neural network and evolutionary approaches <b>2009</b> ,		4
12	Hand Gesture Recognition and Tracking based on Distributed Locally Linear Embedding <b>2006</b> ,		4
11	A Knowledge-based approach to dead-time estimation for process control. <i>International Journal of Control</i> , <b>1995</b> , 61, 1045-1072	1.5	4
10	Extended Generalised Predictive Control incorporating Feedforward <b>1990</b> ,		4
9	Adaptive Neural Networks Control for a Class of Pure-feedback Systems in Discrete-time <b>2007</b> ,		3
8	Learning the Search Range for Evolutionary Optimization in Dynamic Environments. <i>Knowledge and Information Systems</i> , <b>2002</b> , 4, 228-255	2.4	3
7	Generalized Predictive Observer-Controller For Injection Moulding. <i>International Polymer Processing</i> , <b>1999</b> , 14, 399-408	1	3
6	Adaptive Predictive Control of a Class of Strict-feedback Discrete-time Systems using Discrete Nussbaum Gain. <i>Proceedings of the American Control Conference</i> , <b>2007</b> ,	1.2	2
5	Output feedback NN control of NARMA systems using discrete Nussbaum gain <b>2007</b> ,		2
4	Rule-based control of Wiener-type nonlinear processes through self-organizing. <i>International Journal of Systems Science</i> , <b>1998</b> , 29, 275-286	2.3	2
3	Parallel Adaptive Neural Network Control of Robots. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , <b>1994</b> , 208, 231-237	1	2
2	Real-time neural-network-based control of a gyro-mirror line-of-sight stabilization platform. <i>International Journal of Systems Science</i> , <b>1998</b> , 29, 745-758	2.3	0
1	Robust control of robot manipulators with fast load adaptation. <i>International Journal of Systems Science</i> , <b>1995</b> , 26, 1539-1548	2.3	

