

# Ying-Jen Chen

## List of Publications by Year in descending order

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11  
papers

271  
citations

1478505

6  
h-index

1872680

6  
g-index

11  
all docs

11  
docs citations

11  
times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Path-Following-Method-Based Polynomial Fuzzy Control Design. IEEE Transactions on Cybernetics, 2021, 51, 2993-3003.	9.5	8
2	A New Sum-of-Squares Design Framework for Robust Control of Polynomial Fuzzy Systems With Uncertainties. IEEE Transactions on Fuzzy Systems, 2016, 24, 94-110.	9.8	69
3	Stability Analysis and Region-of-Attraction Estimation Using Piecewise Polynomial Lyapunov Functions: Polynomial Fuzzy Model Approach. IEEE Transactions on Fuzzy Systems, 2015, 23, 1314-1322.	9.8	52
4	A nonmonotonically decreasing relaxation approach of Lyapunov functions to guaranteed cost control for discrete fuzzy systems. IET Control Theory and Applications, 2014, 8, 1716-1722.	2.1	24
5	Stabilization analysis of single-input polynomial fuzzy systems using control Lyapunov functions. , 2014, , .		4
6	Discrete polynomial fuzzy systems control. IET Control Theory and Applications, 2014, 8, 288-296.	2.1	33
7	Stability region analysis for polynomial fuzzy systems by polynomial Lyapunov functions. , 2014, , .		1
8	Nonconvex stabilization criterion for polynomial fuzzy systems. , 2013, , .		4
9	A practical design approach to automatic model construction and controller design for F16 aircraft. , 2013, , .		0
10	Piecewise polynomial lyapunov functions based stability analysis for polynomial fuzzy systems. , 2013, , .		0
11	Relaxed Stabilization Criterion for Tâ€™S Fuzzy Systems by Minimum-Type Piecewise-Lyapunov-Function-Based Switching Fuzzy Controller. IEEE Transactions on Fuzzy Systems, 2012, 20, 1166-1173.	9.8	76