

# Chi-An Yeh

## List of Publications by Year in descending order

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15  
papers

618  
citations

840119

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1281420

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g-index

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docs citations

15  
times ranked

348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modal Analysis of Fluid Flows: Applications and Outlook. AIAA Journal, 2020, 58, 998-1022.	1.5	301
2	Resolvent-analysis-based design of airfoil separation control. Journal of Fluid Mechanics, 2019, 867, 572-610.	1.4	92
3	Cluster-based feedback control of turbulent post-stall separated flows. Journal of Fluid Mechanics, 2019, 875, 345-375.	1.4	45
4	Randomized resolvent analysis. Physical Review Fluids, 2020, 5, .	1.0	38
5	Resolvent analysis of an airfoil laminar separation bubble at $Re = 1000$ . Physical Review Fluids, 2020, 5, .	1.0	50
6	Unsteady control of supersonic turbulent cavity flow based on resolvent analysis. Journal of Fluid Mechanics, 2021, 925, .	1.4	22
7	Active flow control for drag reduction of a plunging airfoil under deep dynamic stall. Physical Review Fluids, 2019, 4, .	1.0	22
8	Resolvent analysis on the origin of two-dimensional transonic buffet. Journal of Fluid Mechanics, 2020, 885, .	1.4	17
9	Network broadcast analysis and control of turbulent flows. Journal of Fluid Mechanics, 2021, 910, .	1.4	14
10	Sparsifying the resolvent forcing mode via gradient-based optimisation. Journal of Fluid Mechanics, 2022, 944, .	1.4	13
11	Laminar free shear layer modification using localized periodic heating. Journal of Fluid Mechanics, 2017, 822, 561-589.	1.4	12
12	Drag Reduction Control for Flow over a Hump with Surface-Mounted Thermoacoustic Actuator. , 2015, , .		6
13	Use of local periodic heating for separation control on a NACA 0012 airfoil. , 2017, , .		6
14	Sketch-Based Resolvent Analysis. , 2022, , .		3
15	From biglobal to triglobal resolvent analysis: laminar separated flows over swept wings. , 2022, , .		1