

# Jen-Ping Chen

## List of Publications by Year in descending order

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31  
papers

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citations

1039406

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1125271

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31  
docs citations

31  
times ranked

171  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prestall Behavior of a Transonic Axial Compressor Stage via Time-Accurate Numerical Simulation. Journal of Turbomachinery, 2008, 130, .	0.9	71
2	In Situ Distribution Guided Analysis and Visualization of Transonic Jet Engine Simulations. IEEE Transactions on Visualization and Computer Graphics, 2017, 23, 811-820.	2.9	42
3	Fan Response to Boundary-Layer Ingesting Inlet Distortions. AIAA Journal, 2016, 54, 3232-3243.	1.5	33
4	Analysis of Unsteady Tip and Endwall Heat Transfer in a Highly Loaded Transonic Turbine Stage. Journal of Turbomachinery, 2012, 134, .	0.9	31
5	Pulsed Jets Laminar Separation Control Using Instability Exploitation. AIAA Journal, 2014, 52, 104-115.	1.5	22
6	Homogeneity guided probabilistic data summaries for analysis and visualization of large-scale data sets. , 2017, , .		22
7	Flow Characteristics of Tip Injection on Compressor Rotating Spike via Time-Accurate Simulation. Journal of Propulsion and Power, 2009, 25, 678-687.	1.3	18
8	CoDDA: A Flexible Copula-based Distribution Driven Analysis Framework for Large-Scale Multivariate Data. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 1214-1224.	2.9	12
9	High performance computing of compressor rotating stall and stall control. Integrated Computer-Aided Engineering, 2009, 16, 75-89.	2.5	11
10	In Situ Prediction Driven Feature Analysis in Jet Engine Simulations. , 2018, , .		11
11	Steady Vortex-Generator Jet Flow Control on a Highly Loaded Transonic Low-Pressure Turbine Cascade: Effects of Compressibility and Roughness. Journal of Turbomachinery, 2014, 136, .	0.9	9
12	Exploitation of Subharmonics for Separated Shear Layer Control on a High-Lift Low-Pressure Turbine Using Acoustic Forcing. Journal of Turbomachinery, 2014, 136, .	0.9	9
13	Pointwise information guided visual analysis of time-varying multi-fields. , 2017, , .		9
14	Blade Row Interaction Effects on the Performance of a Moderately Loaded NASA Transonic Compressor Stage. , 2002, , 969.		8
15	Unsteady Full Annulus Simulations of a Transonic Axial Compressor Stage. , 2009, , .		8
16	Visualization and Analysis of Rotating Stall for Transonic Jet Engine Simulation. IEEE Transactions on Visualization and Computer Graphics, 2016, 22, 847-856.	2.9	7
17	Investigation of Tip-Flow Based Stall Criteria Using Rotor Casing Visualization. , 2008, , .		5
18	3D Unsteady Simulation of a Modern High Pressure Turbine Stage Using Phase Lag Periodicity: Analysis of Flow and Heat Transfer. Journal of Turbomachinery, 2011, 133, .	0.9	5

#	ARTICLE	IF	CITATIONS
19	3-D Unsteady Simulation of a Modern High Pressure Turbine Stage Using Phase Lag Periodicity: Analysis of Flow and Heat Transfer. , 2009, , .		5
20	Designing a High Fidelity Wake Simulator for Research Using Linear Cascades. , 2009, , .		3
21	Numerical Simulations of Vortex Generating Jets on Low Pressure Turbine Blades. , 2010, , .		3
22	Rotor Blade Design Optimization for Boundary Layer Ingesting Inlet Fan. , 2020, , .		3
23	On the Interpretation of Casing Measurements in Axial Compressors. , 2008, , .		2
24	Steady VGJ Flow Control on a Highly Loaded Transonic LPT Cascade: Effects of Compressibility and Roughness. , 2014, , .		2
25	Flow Characteristics of Tip-Injection on Compressor Rotating Instability via Time-Accurate Simulation. , 2010, , .		1
26	The Role of Three-Dimensional Interactions in Fluidic Control of Shock-Induced Separation on a Transonic Turbine Blade. , 2015, , .		1
27	Using the Nonuniform Dynamic Mode Decomposition to Reduce the Storage Required for PDE Simulations. International Journal of Aerospace Engineering, 2019, 2019, 1-15.	0.5	1
28	Analysis of Unsteady Tip and Endwall Heat Transfer in a Highly Loaded Transonic Turbine Stage. , 2010, , .		1
29	Methods for Computationally Efficient Structured CFD Simulations of Complex Turbomachinery Flows. International Journal for Computational Methods in Engineering Science and Mechanics, 2011, 12, 176-183.	1.4	0
30	Exploitation of Subharmonics for Separated Shear Layer Control on a High-Lift LPT Using Acoustic Forcing. , 2013, , .		0
31	Investigation of Tip Clearance Modeling Techniques for a Transonic Compressor Rotor. , 2009, , .		0