

Jen-Ping Chen

List of Publications by Year in descending order

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31
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citing authors

#	ARTICLE	IF	CITATIONS
1	Rotor Blade Design Optimization for Boundary Layer Ingesting Inlet Fan. , 2020, , .		3
2	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
3	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
4	In Situ Prediction Driven Feature Analysis in Jet Engine Simulations. , 2018, , .		11
5	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
6	Homogeneity guided probabilistic data summaries for analysis and visualization of large-scale data sets. , 2017, , .		22
7	Pointwise information guided visual analysis of time-varying multi-fields. , 2017, , .		9
8	Fan Response to Boundary-Layer Ingesting Inlet Distortions. AIAA Journal, 2016, 54, 3232-3243.	1.5	33
9	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
10	The Role of Three-Dimensional Interactions in Fluidic Control of Shock-Induced Separation on a Transonic Turbine Blade. , 2015, , .		1
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	Steady VGJ Flow Control on a Highly Loaded Transonic LPT Cascade: Effects of Compressibility and Roughness. , 2014, , .		2
13	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
14	Pulsed Jets Laminar Separation Control Using Instability Exploitation. AIAA Journal, 2014, 52, 104-115.	1.5	22
15	Exploitation of Subharmonics for Separated Shear Layer Control on a High-Lift LPT Using Acoustic Forcing. , 2013, , .		0
16	Analysis of Unsteady Tip and Endwall Heat Transfer in a Highly Loaded Transonic Turbine Stage. Journal of Turbomachinery, 2012, 134, .	0.9	31
17	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
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	Flow Characteristics of Tip-Injection on Compressor Rotating Instability via Time-Accurate Simulation. , 2010, , .		1
20	Numerical Simulations of Vortex Generating Jets on Low Pressure Turbine Blades. , 2010, , .		3
21	Analysis of Unsteady Tip and Endwall Heat Transfer in a Highly Loaded Transonic Turbine Stage. , 2010, , .		1
22	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
23	Unsteady Full Annulus Simulations of a Transonic Axial Compressor Stage. , 2009, , .		8
24	High performance computing of compressor rotating stall and stall control. Integrated Computer-Aided Engineering, 2009, 16, 75-89.	2.5	11
25	Designing a High Fidelity Wake Simulator for Research Using Linear Cascades. , 2009, , .		3
26	3-D Unsteady Simulation of a Modern High Pressure Turbine Stage Using Phase Lag Periodicity: Analysis of Flow and Heat Transfer. , 2009, , .		5
27	Investigation of Tip Clearance Modeling Techniques for a Transonic Compressor Rotor. , 2009, , .		0
28	Prestall Behavior of a Transonic Axial Compressor Stage via Time-Accurate Numerical Simulation. Journal of Turbomachinery, 2008, 130, .	0.9	71
29	Investigation of Tip-Flow Based Stall Criteria Using Rotor Casing Visualization. , 2008, , .		5
30	On the Interpretation of Casing Measurements in Axial Compressors. , 2008, , .		2
31	Blade Row Interaction Effects on the Performance of a Moderately Loaded NASA Transonic Compressor Stage. , 2002, , 969.		8