

# Feng Lin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3380638/publications.pdf>

Version: 2024-02-01

16  
papers

86  
citations

1478505

6  
h-index

1474206

9  
g-index

16  
all docs

16  
docs citations

16  
times ranked

73  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical simulation on the effect of tip clearance size on unsteadiness in tip clearance flow. Journal of Thermal Science, 2008, 17, 337-342.	1.9	10
2	Evolution of unsteady flow near rotor tip during stall inception. Journal of Thermal Science, 2011, 20, 294-303.	1.9	10
3	Design and optimization of a single stage centrifugal compressor for a solar dish-Brayton system. Journal of Thermal Science, 2013, 22, 404-412.	1.9	9
4	Coupling stability-enhancing mechanism with compact self-recirculating injection in an axial flow compressor. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2016, 230, 696-708.	1.4	9
5	Circumferential propagation of tip leakage flow unsteadiness for a low-speed axial compressor. Journal of Thermal Science, 2009, 18, 202-206.	1.9	7
6	The Self-induced unsteadiness of tip leakage flow in an axial low-speed compressor with single circumferential casing groove. Journal of Thermal Science, 2013, 22, 565-572.	1.9	7
7	Model study of relationship between local temperature and artificial heat release. Science China Technological Sciences, 2012, 55, 821-830.	4.0	5
8	Performance analysis and improvement of a high flow coefficient centrifugal compressor. Science China Technological Sciences, 2014, 57, 1647-1657.	4.0	5
9	Initial selection of groove location combination for multi-groove casing treatments. Journal of Mechanical Science and Technology, 2016, 30, 697-704.	1.5	5
10	A new acentric borate of $K_2Ba[B_4O_5(OH)_4]_2 \cdot 10H_2O$ : synthesis, structure and nonlinear optical property. Phase Transitions, 2016, 89, 996-1005.	1.3	5
11	Synthesis and formation mechanism of pinnoite by the phase transition process. Phase Transitions, 2016, 89, 558-567.	1.3	5
12	Oscillatory Tip Leakage Flows and Stability Enhancement in Axial Compressors. International Journal of Rotating Machinery, 2018, 2018, 1-14.	0.8	4
13	The role of tip leakage flow in triggering rotating stall of a low speed compressor under inlet distortion. Journal of Thermal Science, 2009, 18, 33-39.	1.9	3
14	Synthesis and formation mechanism of pinnoite in sulfated-type boron concentrated brine by dilution method. Phase Transitions, 2017, 90, 1025-1033.	1.3	2
15	A similitude method and the corresponding blade design of a low-speed large-scale axial compressor rotor. Journal of Thermal Science, 2014, 23, 145-152.	1.9	0
16	System identification modeling and unstable behavior of the dynamics of flows within the tip region of an axial compressor blade passage. Journal of Thermal Science, 2016, 25, 109-116.	1.9	0