

Sangjo Kim

List of Publications by Year in descending order

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14
papers

187
citations

1163117

8
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	A full engine cycle analysis of a turbofan engine for optimum scheduling of variable guide vanes. Aerospace Science and Technology, 2015, 47, 21-30.	4.8	39
2	Three-dimensional unsteady simulation of a multistage axial compressor with labyrinth seals and its effects on overall performance and flow characteristics. Aerospace Science and Technology, 2019, 86, 683-693.	4.8	23
3	Combining effect of optimized axial compressor variable guide vanes and bleed air on the thermodynamic performance of aircraft engine system. Energy, 2017, 119, 199-210.	8.8	22
4	A new transient performance adaptation method for an aero gas turbine engine. Energy, 2020, 193, 116752.	8.8	22
5	A new performance adaptation method for aero gas turbine engines based on large amounts of measured data. Energy, 2021, 221, 119863.	8.8	17
6	Adaptation Method for Overall and Local Performances of Gas Turbine Engine Model. International Journal of Aeronautical and Space Sciences, 2018, 19, 250-261.	2.0	14
7	A novel design method of the dividing header configuration using 3D numerical simulation for a heat exchanger with a parallel arrangement. Applied Thermal Engineering, 2019, 159, 113807.	6.0	12
8	Transient system simulation for an aircraft engine using a data-driven model. Energy, 2020, 196, 117046.	8.8	12
9	Transient performance prediction of an axial compressor considering VICV operation speeds. Journal of Mechanical Science and Technology, 2014, 28, 4099-4107.	1.5	7
10	Optimum arrangements of guide vanes in a combining header and its effect on the performance of a tubular heat exchanger. Applied Thermal Engineering, 2016, 103, 1145-1155.	6.0	7
11	Equivalent model for an axial compressor used for aero engines based on 1D and 3D analytical models and performance data. Aerospace Science and Technology, 2022, 121, 107369.	4.8	4
12	New Profile Loss Model for Improved Prediction of Transonic Axial Flow Compressor Performance in Choking Region. , 2015, , .		3
13	Aerodynamic Performance of Multi-stage Axial Compressor Considering Cold-to-Hot Deformation Effect. International Journal of Aeronautical and Space Sciences, 2018, 19, 651-660.	2.0	3
14	Comparative study on implementation technology for enhancing performance of combined cycle power plant in system perspective. Journal of Mechanical Science and Technology, 2018, 32, 5483-5491.	1.5	2