

Suraj Kumar Behera

List of Publications by Year in descending order

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8
papers

56
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

12
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of thermohydrodynamic aspects of gas foil bearings. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2022, 236, 1466-1490.	1.8	14
2	Numerical and experimental investigation to visualize the fluid flow and thermal characteristics of a cryogenic turboexpander. Energy, 2019, 189, 116267.	8.8	11
3	Numerical investigation of influence sensitivity of a gas foil bearing parameters on the dynamic coefficients. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1.	1.6	9
4	Influence of slip-flow phenomenon on thermohydrodynamic behaviour of gas foil thrust bearings. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2022, 236, 15-30.	1.8	8
5	A methodology for performance prediction: aerodynamic analysis of axially loaded gas foil bearing. Sadhana - Academy Proceedings in Engineering Sciences, 2021, 46, 1.	1.3	5
6	Investigations on Thermodynamic Processes of a Novel Pneumatic Drive Asymmetric Gifford-McMahon Cycle Cryorefrigerator. Journal of Energy Resources Technology, Transactions of the ASME, 2022, 144, .	2.3	5
7	Numerical investigation of slip flow phenomenon on performance characteristics of gas foil journal bearing. SN Applied Sciences, 2020, 2, 1.	2.9	4
8	Experimental and numerical analysis to predict the performance of a turboexpander at cryogenic temperature. Engineering Reports, 2021, 3, e12346.	1.7	0