

# Upendra Behera

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

348  
citations

1684188

5  
h-index

1720034

7  
g-index

11  
all docs

11  
docs citations

11  
times ranked

199  
citing authors

#	ARTICLE	IF	CITATIONS
1	CFD analysis and experimental investigations towards optimizing the parameters of Ranque-Hilsch vortex tube. International Journal of Heat and Mass Transfer, 2005, 48, 1961-1973.	4.8	181
2	Numerical investigations on flow behaviour and energy separation in Ranque-Hilsch vortex tube. International Journal of Heat and Mass Transfer, 2008, 51, 6077-6089.	4.8	96
3	Influence of working fluid on the performance of a standing-wave thermoacoustic prime mover. Cryogenics, 2011, 51, 559-561.	1.7	28
4	Simulation studies on the performance of thermoacoustic prime movers and refrigerator. Computers and Fluids, 2015, 111, 127-136.	2.5	22
5	CFD modelling and performance analysis of a twin screw hydrogen extruder. Fusion Engineering and Design, 2019, 138, 151-158.	1.9	14
6	LOX SEPARATION STUDIES USING CRYOGENIC VORTEX TUBE. AIP Conference Proceedings, 2008, , .	0.4	3
7	Simulation studies on the standing and traveling wave thermoacoustic prime movers. , 2014, , .		2
8	Numerical analysis on thermoacoustic prime movers for development of pulse tube cryocoolers. , 2012, , .		1
9	Computational Investigation on the performance of thermo-acoustically driven pulse tube refrigerator. IOP Conference Series: Materials Science and Engineering, 2017, 171, 012078.	0.6	1
10	Experimental studies of thermoacoustic drive for the development of a pulse tube cryocooler. , 2012, , .		0
11	Numerical modelling of solid hydrogen flow through an extruder die. Journal of Physics: Conference Series, 2020, 1473, 012006.	0.4	0