

# Junior Lagrandeur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1030695/publications.pdf>

Version: 2024-02-01

7  
papers

97  
citations

1478505

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h-index

1872680

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g-index

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all docs

7  
docs citations

7  
times ranked

54  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of transcritical CO <sub>2</sub> vortex tube performance using a real gas thermodynamic model. International Journal of Thermal Sciences, 2022, 177, 107555.	4.9	9
2	A 2D numerical benchmark of an air Ranque-Hilsch vortex tube based on a fractional factorial design. International Communications in Heat and Mass Transfer, 2021, 125, 105310.	5.6	7
3	Integration of vortex tubes in a trigenerative compressed air energy storage system. Energy Conversion and Management, 2021, 240, 114225.	9.2	18
4	Exergy analysis of the flow process and exergetic optimization of counterflow vortex tubes working with air. International Journal of Heat and Mass Transfer, 2020, 152, 119527.	4.8	12
5	Thermodynamic modeling and artificial neural network of air counterflow vortex tubes. International Journal of Thermal Sciences, 2019, 146, 106097.	4.9	18
6	Review of predictive models for the design of counterflow vortex tubes working with perfect gas. International Journal of Thermal Sciences, 2019, 142, 188-204.	4.9	33
7	Preface: Proceedings of the 1st Symposium on Energy Efficiency in Buildings and Industry. Proceedings (mdpi), 2019, 23, 9.	0.2	0