

# Javier GarcÃ-a del Valle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3865020/publications.pdf>

Version: 2024-02-01

13  
papers

231  
citations

1478280

6  
h-index

1372474

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

186  
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental investigation of a R-134a ejector refrigeration system. International Journal of Refrigeration, 2014, 46, 105-113.	1.8	74
2	A one dimensional model for the determination of an ejector entrainment ratio. International Journal of Refrigeration, 2012, 35, 772-784.	1.8	46
3	A computational study about the types of entropy generation in three different R134a ejector mixing chambers. International Journal of Refrigeration, 2016, 63, 199-213.	1.8	37
4	An experimental and computational study of the flow pattern in a refrigerant ejector. Validation of turbulence models and real-gas effects. Applied Thermal Engineering, 2015, 89, 795-811.	3.0	36
5	Shape optimization of a long-tapered R134a ejector mixing chamber. Energy, 2018, 165, 422-438.	4.5	15
6	Numerical study of supercritical and transcritical injection using different turbulent Prandlt numbers: A second law analysis. Journal of Supercritical Fluids, 2016, 115, 86-98.	1.6	13
7	Influence of the degree of superheating on the performance of a R134a condenser by means of experimental and numerical studies. International Journal of Refrigeration, 2019, 98, 25-34.	1.8	5
8	Analytical solution for the coupled heat and mass transfer formulation of one-dimensional drying kinetics. Journal of Food Engineering, 2018, 230, 99-113.	2.7	3
9	A novel probability density function applied to wind characterization in order to evaluate the wind power potential in Tungurahua, Ecuador's Andean region. Wind Engineering, 2018, 42, 633-646.	1.1	1
10	Experimental study of the static and dynamic behavior of a novel heat driven electronic controlled expansion valve. Applied Thermal Engineering, 2020, 168, 114718.	3.0	1
11	Evaluation of the non-linearities of a potential axially symmetric model for computing the entrainment ratio of supersonic ejectors. Applied Thermal Engineering, 2015, 90, 798-808.	3.0	0
12	Thermal Performance of a Propilenglycol/Alumina Nanofluid under Internal Developing Laminar Flow. , 2014, , .		0
13	Aplicación de ecuaciones de estado cúbicas y desarrollo de correlaciones numéricas para el cálculo de propiedades termodinámicas en saturación de refrigerantes para su uso en microcontroladores. Maskana, 2018, 9, 75-88.	0.5	0