MarÃ-a Isabel Parra

List of Publications by Year
in descending order

20 papers	274 citations	1162367 8 h-index	887659 17 g-index
20 all docs	20 docs citations	20 times ranked	182 citing authors

#	Article	IF	Citations
1	Baseline Methods for the Parameter Estimation of the Generalized Pareto Distribution. Entropy, 2022, 24, 178.	1.1	9
2	A Bayesian Hierarchical Spatial Copula Model: An Application to Extreme Temperatures in Extremadura (Spain). Atmosphere, 2021, 12, 897.	1.0	2
3	Development of models for surface tension of alcohols through symbolic regression. Journal of Molecular Liquids, 2020, 298, 111971.	2.3	5
4	Baseline Methods for Bayesian Inference in Gumbel Distribution. Entropy, 2020, 22, 1267.	1.1	2
5	Analysis of specific correlations and general models for the surface tension of six liquid oxides. Fluid Phase Equilibria, 2013, 358, 60-67.	1.4	2
6	The Somayajulu correlation for the surface tension revisited. Fluid Phase Equilibria, 2013, 339, 81-88.	1.4	30
7	A MATHEMATICA PROGRAM FOR THE ACCURATE CORRELATION OF DIFFERENT THERMODYNAMIC PROPERTIES OF SATURATED PURE FLUIDS. Chemical Engineering Communications, 2013, 200, 317-326.	1.5	2
8	Recommended Correlations for the Surface Tension of Common Fluids. Journal of Physical and Chemical Reference Data, 2012, 41, .	1.9	113
9	Changing the teaching/learning procedures in physics for agricultural engineering. A case study. European Journal of Engineering Education, 2012, 37, 321-330.	1.5	1
10	General correlation model for some physical properties of saturated pure fluids. Journal of Chemical Thermodynamics, 2010, 42, 938-946.	1.0	8
11	Vaporization Enthalpy of Pure Refrigerants: Comparative Study of Eighteen Correlations. Industrial & Engineering Chemistry Research, 2010, 49, 5018-5026.	1.8	5
12	Improving the prediction of liquid saturation densities from models based on the corresponding states principle. Physics and Chemistry of Liquids, 2008, 46, 263-277.	0.4	17
13	Comparison of Corresponding-States-Based Correlations for the Prediction of the Vaporization Enthalpy of Fluids. Industrial & Engineering Chemistry Research, 2008, 47, 7903-7916.	1.8	14
14	Prediction of the enthalpy of vapourisation for anhydrides, formates, acetates, propionates, butyrates, esters, and ethers. Physics and Chemistry of Liquids, 2008, 46, 564-573.	0.4	3
15	Liquid Saturation Density from Predictive Correlations Based on the Corresponding States Principle. Part 1:â€‰ Results for 30 Families of Fluids. Industrial & Engineering Chemistry Research, 2006, 45, 1840-1848.	1.8	18
16	Liquid Saturation Density from Predictive Correlations Based on the Corresponding States Principle. 2. Results for 49 Families of Fluids. Industrial & Engineering Chemistry Research, 2006, 45, 6864-6873.	1.8	5
17	A New Analytical Model for the Prediction of Vaporâ€“Liquid Equilibrium Densities. International Journal of Thermophysics, 2006, 27, 1435-1448.	1.0	7
18	Mathematical modeling of the VLE curve of Lennard-Jones fluids. Application to calculating the vapour pressure. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 282, 36-42.	0.9	20

#	Article	IF	Citations
19	A new numerical procedure to determine the VLE curve. Computers & Chemistry, 2001, 25, 483-488.	1.2	7
20	Modeling Evaporation Using a Nonlinear Diffusion Equation. Journal of Mathematical Chemistry, 2001, 30, 195-202.	0.7	4