

Gabriele Di Giacomo

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

340
citations

759055

12
h-index

794469

19
g-index

21
all docs

21
docs citations

21
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperazeotropic ethanol salted-out by extractive distillation. Theoretical evaluation and experimental check. Chemical Engineering Science, 1985, 40, 2287-2292.	1.9	58
2	Solubility of essential oil components in compressed supercritical carbon dioxide. Fluid Phase Equilibria, 1989, 52, 405-411.	1.4	57
3	Hydrothermal carbonization of Biomass: New experimental procedures for improving the industrial Processes. Bioresource Technology, 2017, 244, 160-165.	4.8	32
4	Binary and ternary phase behaviour of the system water-ethanol-carbon dioxide. Fluid Phase Equilibria, 1990, 56, 325-340.	1.4	25
5	Production of Red Wine Polyphenols as Ingredient for the Food and Pharmaceutical Industry. Food and Public Health, 2012, 2, 12-15.	1.0	24
6	Characterization of Carrot Root Oil Arising from Supercritical Fluid Carbon Dioxide Extraction. Journal of Agricultural and Food Chemistry, 2004, 52, 4795-4801.	2.4	18
7	Novel kinetic studies on biomass hydrothermal carbonization. Bioresource Technology, 2018, 266, 189-193.	4.8	17
8	Removal and destruction of toxic micropolluting organic compounds from waste waters by a combined NF and SCWO process. Desalination, 2001, 138, 61-64.	4.0	16
9	Thermodynamics of aqueous solutions of boric acid. Journal of Solution Chemistry, 1988, 17, 429-434.	0.6	14
10	Advanced fractionation process for wine-based products diversification. Journal of Food Science and Technology, 2021, 58, 4685-4692.	1.4	13
11	Liquid chromatographic method for the analysis of tocopherols in malt sprouts with supercritical fluid extraction. Journal of Chromatography A, 2001, 935, 87-91.	1.8	12
12	Hydrothermal conversions of waste biomass: Assessment of kinetic models using liquid-phase electrical conductivity measurements. Waste Management, 2018, 77, 586-592.	3.7	12
13	Liquid-liquid equilibria of the ternary system water/2-butyloxyethanol/n-decane at three different temperatures. Fluid Phase Equilibria, 1994, 94, 313-320.	1.4	10
14	Effect of small amounts of methanol on the vapour-liquid equilibrium for the water-formaldehyde system. Fluid Phase Equilibria, 1985, 24, 307-333.	1.4	7
15	A thermodynamic model for protein partitioning in reversed micellar systems. Chemical Engineering Science, 1994, 49, 3681-3686.	1.9	6
16	Vapor-liquid equilibrium of water-trioxane-formaldehyde mixture. Fluid Phase Equilibria, 1991, 63, 27-41.	1.4	5
17	Vapor-liquid equilibrium calculation of the system water-hydrogen chloride. Fluid Phase Equilibria, 1994, 92, 67-74.	1.4	5
18	Thermodynamics of hydrothermal solutions: Calcium carbonate and calcium sulphate solubility in a four-phase system. The Chemical Engineering Journal, 1986, 32, 145-150.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Thermodynamic properties of polar fluids from a perturbed-dipolar-hard-sphere equation of state: Mixtures. Fluid Phase Equilibria, 1989, 51, 23-36.	1.4	3
20	Activity coefficients from a virial expansion about their infinite-dilution values. The Chemical Engineering Journal, 1991, 46, 35-42.	0.4	2
21	Application of the Wilson equation to azeotropic mixtures. Fluid Phase Equilibria, 1986, 25, 237-244.	1.4	1