

Gonzalo A Nã°Ã±ez

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

200
citations

1040056

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1125743

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all docs

13
docs citations

13
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercritical transesterification of microalgae triglycerides for biodiesel production: Effect of alcohol type and co-solvent. <i>Journal of Supercritical Fluids</i> , 2018, 137, 50-56.	3.2	37
2	Supercritical CO ₂ oilseed extraction in multi-vessel plants. 2. Effect of number and geometry of extractors on production cost. <i>Journal of Supercritical Fluids</i> , 2014, 92, 324-334.	3.2	28
3	Simulation of a supercritical carbon dioxide extraction plant with three extraction vessels. <i>Computers and Chemical Engineering</i> , 2011, 35, 2687-2695.	3.8	24
4	Supercritical CO ₂ oilseed extraction in multi-vessel plants. 1. Minimization of operational cost. <i>Journal of Supercritical Fluids</i> , 2014, 92, 197-207.	3.2	23
5	Equilibrium partition of rapeseed oil between supercritical CO ₂ and prepressed rapeseed. <i>Journal of Supercritical Fluids</i> , 2015, 102, 80-91.	3.2	19
6	Supercritical CO ₂ oilseed extraction in multi-vessel plants. 3. Effect of extraction pressure and plant size on production cost. <i>Journal of Supercritical Fluids</i> , 2017, 122, 109-118.	3.2	17
7	Pressure drop may negatively impact supercritical CO ₂ extraction of citrus peel essential oils in an industrial-size extraction vessel. <i>Journal of Supercritical Fluids</i> , 2019, 144, 108-121.	3.2	15
8	Supercritical CO ₂ extraction of pelletized oilseeds: Representation using a linear driving force model with a nonlinear sorption isotherm. <i>Journal of Food Engineering</i> , 2021, 288, 110241.	5.2	11
9	Particle size distribution and stratification of pelletized oilseeds affects cumulative supercritical CO ₂ extraction plots. <i>Journal of Supercritical Fluids</i> , 2019, 146, 189-198.	3.2	9
10	Thermodynamic properties of CO ₂ during controlled decompression of supercritical extraction vessels. <i>Journal of Supercritical Fluids</i> , 2015, 98, 102-110.	3.2	6
11	Mathematical simulation of heat and mass transfer during controlled depressurization of supercritical CO ₂ in extraction vessels. <i>Journal of Supercritical Fluids</i> , 2017, 122, 43-51.	3.2	5
12	Supercritical CO ₂ extraction of pinocembrin from <i>Lippia origanoides</i> distillation residues. 2. Mathematical modeling of mass transfer kinetics as a function of substrate pretreatment. <i>Journal of Supercritical Fluids</i> , 2022, 180, 105458.	3.2	4
13	Radial Variations in Axial Velocity Affect Supercritical CO ₂ Extraction of Lipids from Pre-pressed Oilseeds. <i>Food Engineering Reviews</i> , 2021, 13, 185-203.	5.9	2