

MarÃ-a Olga Ruiz

List of Publications by Year in descending order

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21
papers

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840776

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397
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Colour removal from beet molasses by ultrafiltration with activated charcoal. <i>Chemical Engineering Journal</i> , 2016, 283, 313-322. | 12.7 | 41 |
| 2 | Evaluation of HPCD batch treatments on enzyme inactivation kinetics and selected quality characteristics of cloudy juice from Golden delicious apples. <i>Journal of Food Engineering</i> , 2018, 221, 141-150. | 5.2 | 39 |
| 3 | Micellar-enhanced ultrafiltration for the recovery of lactic acid and citric acid from beet molasses with sodium dodecyl sulphate. <i>Journal of Membrane Science</i> , 2013, 430, 11-23. | 8.2 | 36 |
| 4 | Formulation and characterization of Tween 80/cholesterol niosomes modified with tri-n-octylmethylammonium chloride (TOMAC) for carboxylic acids entrapment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 461, 167-177. | 4.7 | 23 |
| 5 | ̂±-Phenylglycine Extraction with Trialkylmethylammonium Chloride Free and Immobilized in a Macroporous Resin. <i>Chemical Engineering Research and Design</i> , 2002, 80, 529-536. | 5.6 | 20 |
| 6 | Valeric Acid Extraction with Tri-n-butyl Phosphate Impregnated in a Macroporous Resin. I. Equilibrium and Mass Transfer Rates. <i>Separation Science and Technology</i> , 2005, 39, 77-95. | 2.5 | 19 |
| 7 | ̂±-Phenylglycine Extraction with a Trialkylmethylammonium Chloride-Impregnated Macroporous Resin. <i>Chemical Engineering Research and Design</i> , 2002, 80, 537-542. | 5.6 | 15 |
| 8 | Formulation of Span 80 niosomes modified with SDS for lactic acid entrapment. <i>Desalination and Water Treatment</i> , 2015, 56, 3463-3475. | 1.0 | 13 |
| 9 | Study of the influence of process parameters on liquid and supercritical CO ₂ extraction of oil from rendered materials: Fish meal and oil characterization. <i>Journal of Supercritical Fluids</i> , 2016, 107, 270-277. | 3.2 | 13 |
| 10 | Extraction of betaine from beet molasses using membrane contactors. <i>Journal of Membrane Science</i> , 2011, 372, 258-268. | 8.2 | 12 |
| 11 | Ling Heather Honey Authentication by Thixotropic Parameters. <i>Food and Bioprocess Technology</i> , 2017, 10, 973-979. | 4.7 | 12 |
| 12 | Extraction equilibria of α -phenylglycine with tri-n-butyl phosphate in a macroporous resin. <i>Journal of Membrane Science</i> , 2002, 200, 1-10. | 3.8 | 9 |
| 13 | Chemical Equilibrium Distribution Model of Betaine between Surfactant Micelles and Water: Application to a Micellar-Enhanced Ultrafiltration Process. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 6578-6586. | 3.7 | 8 |
| 14 | Application of Crossflow Ultrafiltration to Emulsion Separation in the Extraction of Valeric Acid with Tri-n-butyl Phosphate. <i>Separation Science and Technology</i> , 2000, 35, 811-823. | 2.5 | 7 |
| 15 | Recovery of ̂±-Phenylglycine by Micellar Extractive Ultrafiltration. <i>Chemical Engineering Research and Design</i> , 2006, 84, 610-616. | 5.6 | 7 |
| 16 | A novel anaerobic filter membrane bioreactor: prototype start-up and filtration assays. <i>Water Science and Technology</i> , 2018, 78, 1833-1842. | 2.5 | 7 |
| 17 | Mass transfer in extractive ultrafiltration of ̂±-phenylglycine with TOMACl in a hollow fiber contactor. <i>Journal of Membrane Science</i> , 2005, 252, 9-18. | 8.2 | 6 |
| 18 | Valeric acid extraction with tri-n-butyl phosphate impregnated in a macroporous resin: II. Studies in fixed bed columns. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 275-281. | 3.2 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Immobilization of naringinase on asymmetric organic membranes: Application for debittering of grapefruit juice. <i>Innovative Food Science and Emerging Technologies</i> , 2021, 73, 102790. | 5.6 | 5 |
| 20 | Recovery of L-phenylglycine by micellar ultrafiltration using organic membranes in a stirred cell. <i>Desalination</i> , 2006, 200, 327-329. | 8.2 | 3 |
| 21 | Effect of salinity and temperature on the extraction of extracellular polymeric substances from an anaerobic sludge and fouling in submerged hollow fibre membranes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 625, 126910. | 4.7 | 2 |