

Scientific Publications (ISI):

1. Synergistic Extraction of Some Rare Earth (III) from Nitrate Media by Thenoyl Trifluoroacetone and Tri-n-octylamine, Separation Science and Technology, Vol. 31, no. 18, pp. 2579-2587, **1996**.
2. Extraction of Uranium from Abu-Tartur Phosphate Aqueous Leachate Solution, Separation Science and Technology, Vol. 32, no.12, pp. 2071, **1997**.
3. Separation of La and Ce with PC-88A by Counter-Current Mixer-Settler Extraction Column, Separation and Purification Technology, Vol. 26, pp. 265-272, **2002**.
4. Extraction of Rare Earth Metals with a Multistage Mixer-Settler Extraction Column, Chemical Engineering Science, Vol. 57, pp. 469-478, **2002**.
5. Extraction of Lanthanides and Yttrium with PC-88A from Aqueous Phosphate Media, International Solvent Extraction Conference (ISEC), Cape Town, South Africa, March 18-21, **2002**.
6. Separation of Lanthanides by Extraction with PC-88A in Dodecane. Solvent Extraction Research and Development, Japan, Vol. 8, pp. 186, **2001**.
7. Electrochemical Evaluation of Electrophoretically Deposited Hydroxyapatite on Titanium in physiological media, TIMS Bulletin, V.92, **2008**.
8. Electrophoretic deposition of hydroxyapatite coatings on titanium from dimethylformamide suspensions, Surface&Coatings Technology 206, **2011**.
9. Evaluation of the chemical composition and element analysis of *Urtica dioca*, African Journal of Pharmacy and Pharmacology Vol. 6(21), pp. 1555, **2012**.
10. Phytochemical analysis and biological activities of selected medicinal plants, Journal of Medicinal Plants Research Vol. 6(23), pp. 4005-4010, **2012**.
11. Comparative Evaluation of Physiochemical and GC-MS Analysis of Sour Oranges and Sweet Oranges Peels Oil, Life Science Journal 2013;10(10s), **2013**.
12. Corrosion behaviour and bioactivity of electrophoretically deposited hydroxyapatite on titanium in physiological media (Hanks' solution), Materials Science-Poland, 30(3), pp. 231-239, **2012**.
13. Influence of pre-immersion of ionic liquid on the corrodability of zinc in chloride containing environment, submitted to International Journal of Electrochemical Science, 8 (2013) 6829 – 6838, **2013**.
14. Preparation and Characterization of Bulk and Alumina Supported Hausmannite Nanoparticles, Asian Journal of Chemistry; Vol. 26, No. 7 2120-2124, **2014**.
15. Precipitation–deposition assisted fabrication and characterization of nano-sized zinc manganite, Journal of Industrial and Engineering Chemistry 20 (2014) 2901–2904, **2014**.
16. Extractive desulfurization and denitrogenation of fuels using functional acidic ionic liquids, Separation and Purification Technology 133 (2014) 187–193, **2014**.

17. A review of extractive desulfurization of fuel oils using ionic liquids, The Royal Society of Chemistry Advances, 4, 35302, **2014**.
18. Functional Solution Composed of Cu(I) Salt and Ionic Liquids to Separate Propylene from Propane, Industrial & Engineering Chemistry Research (The American Chemical Society), 53, 13430–13435, **2014**.
19. Extractive Desulfurization of Fuel Oils with Dicyano(nitroso)methanide-based Ionic Liquids, Separation Science and Technology, 50,1166-1174, **2015**.
20. Isobaric Vapor–Liquid Equilibrium for Acetone + Methanol +Phosphate Ionic Liquids, Journal of Chemical & Engineering Data, 60, 612–620, **2015**.
21. Brønsted–Lewis Acidic Ionic Liquids and Application in Oxidative Desulfurization of Diesel Fuel, Energy & Fuels, 29, 2998–3003, **2015**.
22. Using functional acidic ionic liquids as both extractant and catalyst in oxidative desulfurization of diesel fuel: An investigation of real feedstock, Fuel, 146, 6–12, **2015**.
23. Desulfurization of Fuel Oil: Conductor-like Screening Model for Real Solvents Study on Capacity of Ionic Liquids for Thiophene and Dibenzothiophene, Industrial & Engineering Chemistry Research, 54, 9421–9430, **2015**.
24. Separation of propylene and propane by alkylimidazolium thiocyanate ionic liquids with Cu⁺ salt. Separation and Purification Technology, 156, 356-362, **2015**.
25. CO₂ absorption by binary mixture of ionic liquids-monoethanolamine at lower pressure. Int. J. Greenhouse Gas Control, 44, 52-58, **2016**.
26. Desulfurization of fuel oils: Mutual solubility of ionic liquids and fuel oil. Fuel 173, 164–171, **2016**.
27. N-methyl-2-pyrrolidonium-based Brønsted-Lewis acidic ionic liquids as catalysts for the hydrolysis of cellulose, Science China Chemistry, Vol.59, No.5, 564–570, May (**2016**)
28. Oxidative Desulfurization of Gasoline by Ionic Liquids Coupled with Extraction by Organic Solvents, J. Braz. Chem. Soc., Vol. 27, No. 6, 998-1006, **2016**.
29. Mutual solubility of acidic ionic liquid and model gasoline of n -octane + 1-octene + toluene, Journal of the Taiwan Institute of Chemical Engineers, 69, 78-84, **2016**.
30. Separation of propylene and propane by functional mixture of imidazolium chloride ionic liquid – Organic solvent – Cuprous salt, Separation and Purification Technology, 175, 177-184, **2017**.