# Miren J Azkoiti

List of Publications by Year
in descending order



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|---|---|---|---|
| 22 papers | 976 citations | 516215 16 h-index | 676716 22 g-index |
| 22 all docs | 22 docs citations | 22 times ranked | 926 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Co-cracking of high-density polyethylene (HDPE) and vacuum gasoil (VGO) under refinery conditions. Chemical Engineering Journal, 2020, 382, 122602. | 6.6 | 20 |
| 2 | Enhanced production of phenolics and aromatics from raw bio-oil using HZSM-5 zeolite additives for PtPd/C and NiW/C catalysts. Applied Catalysis B: Environmental, 2019, 259, 118112. | 10.8 | 40 |
| 3 | Catalytic cracking of raw bio-oil under FCC unit conditions over different zeolite-based catalysts. Journal of Industrial and Engineering Chemistry, 2019, 78, 372-382. | 2.9 | 64 |
| 4 | Cracking of Scrap Tires Pyrolysis Oil in a Fluidized Bed Reactor under Catalytic Cracking Unit Conditions. Effects of Operating Conditions. Energy & Fuels, 2019, 33, 3133-3143. | 2.5 | 27 |
| 5 | Kinetic Modeling of the Hydrotreating and Hydrocracking Stages for Upgrading Scrap Tires Pyrolysis Oil (STPO) toward High-Quality Fuels. Energy & Fuels, 2015, 29, 7542-7553. | 2.5 | 27 |
| 6 | Causes of deactivation of bifunctional catalysts made up of CuO-ZnO-Al2O3 and desilicated HZSM-5 zeolite in DME steam reforming. Applied Catalysis A: General, 2014, 483, 76-84. | 2.2 | 44 |
| 7 | Coke deactivation of Ni and Co catalysts in ethanol steam reforming at mild temperatures in a fluidized bed reactor. International Journal of Hydrogen Energy, 2014, 39, 12586-12596. | 3.8 | 175 |
| 8 | Reaction pathway for ethanol steam reforming on a Ni/SiO 2 catalyst including coke formation. International Journal of Hydrogen Energy, 2014, 39, 18820-18834. | 3.8 | 131 |
| 9 | Modelling product distribution of pyrolysis gasoline hydroprocessing on a Ptâ€“Pd/HZSM-5 catalyst. Chemical Engineering Journal, 2011, 176-177, 302-311. | 6.6 | 11 |
| 10 | HZSM-5 Zeolite As Catalyst Additive for Residue Cracking under FCC Conditions. Energy & Fuels, 2009, 23, 4215-4223. | 2.5 | 32 |
| 11 | Effect of catalyst properties on the cracking of polypropylene pyrolysis waxes under FCC conditions. Catalysis Today, 2008, 133-135, 413-419. | 2.2 | 39 |
| 12 | Effect of Atmospheric Residue Incorporation in the Fluidized Catalytic Cracking (FCC) Feed on Product Stream Yields and Composition. Energy & Fuels, 2008, 22, 2149-2156. | 2.5 | 31 |
| 13 | Cracking of Coker Naphtha with Gasâˆ'Oil. Effect of HZSM-5 Zeolite Addition to the Catalyst. Energy & Fuels, 2007, 21, 11-18. | 2.5 | 16 |
| 14 | Effect of HZSM-5 catalyst addition on the cracking of polyolefin pyrolysis waxes under FCC conditions. Chemical Engineering Journal, 2007, 132, 17-26. | 6.6 | 32 |
| 15 | Catalytic Cracking of Plastic Pyrolysis Waxes with Vacuum Gasoil: Effect of HZSM-5 Zeolite in the FCC Catalyst. International Journal of Chemical Reactor Engineering, 2006, 4, . | 0.6 | 8 |
| 16 | Valorization by thermal cracking over silica of polyolefins dissolved in LCO. Fuel Processing Technology, 2004, 85, 125-140. | 3.7 | 19 |
| 17 | Thermal recycling of polystyrene and polystyrene-butadiene dissolved in a light cycle oil. Journal of Analytical and Applied Pyrolysis, 2003, 70, 747-760. | 2.6 | 47 |
| 18 | Consistency of the ten-lump kinetic model for cracking: Study in a laboratory reactor and use for simulation of an FCCU. Chemical Engineering Communications, 2003, 190, 254-284. | 1.5 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Modelling FCC units under steady and unsteady state conditions. Canadian Journal of Chemical Engineering, 2000, 78, 111-123. | 0.9 | 39 |
| 20 | Effect of HZSM-5 Zeolite Addition to a Fluid Catalytic Cracking Catalyst. Study in a Laboratory Reactor Operating under Industrial Conditions. Industrial & Engineering Chemistry Research, 2000, 39, 1917-1924. | 1.8 | 63 |
| 21 | Transformation of Several Plastic Wastes into Fuels by Catalytic Cracking. Industrial & Engineering Chemistry Research, 1997, 36, 4523-4529. | 1.8 | 100 |
| 22 | Simulation of isothermal catalytic fixed-bed reactors operated in successive reaction-regeneration cycles. The Chemical Engineering Journal, 1985, 31, 137-144. | 0.4 | 6 |