CAPÍTULO 7.

BIBLIOGRAFÍA.

1  Marin R., “Compuestos Orgánicos En Las Aguas”, Ing. Quim. , 1995, 814, 159-165

2  Reisch M.S., "Top 50 Chemicals Production Stagned Last Year.", Chem. Eng. News, 1994, 72, April, 12-16


13 L.R. Suntio, W.Y. Shiu, D. Mackay, Chemosphere, 1988, 17, 1249


24  22B  De-Lucas-A; Ovejero-G; Sanchez-A; Duran-A "Removal of acetic acid by adsorption from an ethylene recycle stream in the ethylene-vinyl acetate copolymerization process " Sep. Sci. Tech. 1999; 34 (3) : 525-543


287

Francesc Xavier Rodríguez i Muñoz


47 45 Srivatsan-Sg ; Nigam-P ; Rao-Ms; Verma-S "Phenol Oxidation By Copper-Metallated 9-Allyladenine-Dvb Polymer: Reaction Catalysis And Polymer Recycling" Applied Catalysis A General. Feb 28 2001; 209 (1-2) : 327-334.


Francesc Xavier Rodríguez i Muñoz

57  53B  Rivas-FJ; Beltran-FJ; Gimeno-O; Alvarez-P, “Optimisation of Fenton's reagent usage as a pre-treatment for fermentation brines” J. Haz. Mat. JAN 31 2003; 96 (2-3) : 277-290

58  53C  Rivas-FJ; Beltran-FJ; Garcia-araya-JF; Navarrete-V; Gimeno-O, “Co-oxidation of p-hydroxybenzoic acid and atrazine by the Fenton's like system Fe(III)/H2O2” J. Haz. Mat. APR 26 2002; 91 (1-3) : 143-157


60  53E  Rivas-FJ; Beltran-FJ; Frades-J; Buxeda-P, “Oxidation of p-hydroxybenzoic acid by Fenton's reagent” Water-Research. FEB 2001; 35 (2) : 387-396

61  53F  Beltran-FJ; Gonzalez-M; Rivas-FJ; Alvarez-P, “Fenton reagent advanced oxidation of polynuclear aromatic hydrocarbons in water” Water-Air-And-Soil-Pollution. JUL 1998; 105 (3-4) : 685-700

62  53G  Beltran-FJ; Rivas-FJ; Montero-de-Espinosa-R, “Catalytic ozonation of oxalic acid in an aqueous TiO2 slurry reactor” Appl. Cat. B Env. DEC 6 2002; 39 (3) : 221-231


Francesc Xavier Rodríguez i Muñoz
64 53I Beltran-FJ; Garcia-Araya-JF; Navarrete-V; Rivas-FJ; Montero-de-Espinosa-R, “An attempt to model the kinetics of the ozonation of simazine in water” Ind. Eng. Chem. Res APR 3 2002; 41 (7) : 1723-1732


69 53N Beltran-FJ; Alvarez-PM; Rodriguez-EM; Garcia-Araya-JF; Rivas-J, “Treatment of high strength distillery wastewater (Cherry stillage) by integrated aerobic biological oxidation and ozonation” Biotechnology Progress. MAY-JUN 2001; 17 (3) : 462-467

71 Beltran-FJ; Gonzalez-M; Acedo-B; Rivas-FJ, “Kinetic modelling of aqueous atrazine ozonation processes in a continuous flow bubble contactor” J. Haz. Mat. DEC 30 2000; 80 (1-3) : 189-206


75 Rivas-FJ; Beltran-FJ; Acedo-B, “Chemical and photochemical degradation of acenaphthylene. Intermediate identification” J. Haz. Mat. JUL 10 2000; 75 (1) : 89-98

76 Beltran-FJ; Garcia-Araya-JF; Rivas-FJ; Alvarez-P; Rodriguez-E, “Kinetics of competitive ozonation of some phenolic compounds present in wastewater from food processing industries” Ozone Sc. Eng. APR 2000; 22 (2) : 167-183


79 53W Beltran-F; Acedo-B; Rivas-J, “Use of ozone and hydrogen peroxide to remove alachlor from surface water” Bulletin Env. Cont. Tox. JUL 1999; 63 (1) : 9-14


83 53AA Beltran-F; Acedo-B; Rivas-J, “Use of ozone to remove alachlor from surface water” Bulletin Env. Cont. Tox. MAR 1999; 62 (3) : 324-329


Francesc Xavier Rodríguez i Muñoz


106 70 Lucking-F ;Koser-H ; Jank-M ; Ritter-A "Iron Powder, Graphite And Activated Carbon As Catalysts For The Oxidation Of 4-Chlorophenol


111 75 V. Calderara, M Jekel C. Zaror “Kinetics Of Ozone Reactions With 1-Naphtalene, 1,5-Naphtalene And 3-Nitrobenzene Sulphonic Acids In Aqueous Solutions” Wat. Sci. Tech. (44), No 7-13, 2001


Francesc Xavier Rodríguez i Muñoz


123 87 L. Xun, “Purification And Characterization Of Chlorophenol 4-Monooxygenase From Burkholderia Cepacia Ac1100”, J. Bacter., 178(9), 2645-2649, 1996.


Francesc Xavier Rodríguez i Muñoz


Francesc Xavier Rodríguez i Muñoz


152 116 Clayton R. “Uv-Catalysed Oxidation In Water Treatment”, The Chemical Engineer. 14 May 1992, 23-26


164 128 A. Mylonas, E. Papaconstantinou, “On The Mechanism Of Photocatalytic Degradation Of Chlorinated Phenols To CO$_2$ And HCl By

Francesc Xavier Rodríguez i Muñoz


171 135 Jean Marie Hermann; Halima Tahiri; Chantal Guillard, Pierre Pichat “ Photocatalytic Degradation Of Aqueous Hydroxy-Butanodioic Acid

Francesc Xavier Rodríguez i Muñoz
(Maleic Acid) In Contact With Powered And Supported Titania In Water" Catalysis Today 54 (1999) 131-141.


173 137 Javier-Benitez-F ; Beltran-Heredia-J ; Acero-Jl ; Pinilla-Ml "Simultaneous Photodegradation And Ozonation Plus Uv Radiation Of Phenolic Acids Major Pollutants In Agro Industrial Wastewaters". Journal Of Chemical Technology And Biotechnology 70 (3) 253-260, 29 Ref..


175 139 Texier I; Giannotti C; Malato S; Richter C; Delaire J "Solar Photodegradation Of Pesticides In Water By Sodium Decatungstate" Journal De Physique Iv. Mar 1999; 9 (P3) : 289-294.


Francesc Xavier Rodríguez i Muñoz


188 152 Comninellis Ch. “Electrochemical Treatment Of Waste Water Containing Phenol”, Trans Icheme. 70, B, 2 19-224 (1992)


196 160 Houk-Ll Ureta-Zanartu-Ms ;Bustos-P ;Diez-Mc ;Mora-Ml ;Gutierrez-C; "Electro-Oxidation Of Chlorophenols At A Gold Electrode" Electrochimica-Acta. ; May 1 2001; 46 (16) : 2545-2551.


201 165 Brezinsky-K; Pecullan-M ; Glassman-I “ Pyrolysis And Oxidation Of Phenol “J. Phys. Chem.-A. Oct 29 1998; 102 (44) :


206 170 Savage-Pe ; "Organic Chemical Reactions In Supercritical Water"Chemical Reviews Feb 1999; 99 (2) : 603-621.
Capítulo 7

Bibliografía


Francesc Xavier Rodríguez i Muñoz


217 181 Ahn Sh ; Joung Sn ; Yoo Kp; Noh Mj ; Han Jh ; "Oxidation Characteristics Of Phthalic And Adipic Acids By Supercritical Water" Korean Journal Of Chemical Engineering Jul 1998; 15 (4) : 390-395

218 182 Nelson Wm ; Puri Ik "Oxidation Of CH₃CHO By O₃ And H₂O₂ Mixtures In Supercritical CO₂ In A Perfectly Stirred Reactor" Industrial And Engineering Chemistry Research. Sep 1997; 36 (9) : 3446-3452.


221 185 Yu-Jl ;Savage-Pe ;"Phenol Oxidation Over CuO/Al₂O₃ In Supercritical Water" Applied Catalysis B Environmental. Dec 27 2000; 28 (3-4) : 275-288.

222 186 Lin-Ks ;Wang-Hp ;Li-Mc "Oxidation Of 2,4-Dichlorophenol In Supercritical Water"; Chemosphere-. Apr 1998; 36 (9): 2075-2083


242 205 Rivas-Fj; Kolaczkowski-St; Beltran-Fj; McIlrugh-Db "Hydrogen Peroxide Promoted Wet Air Oxidation Of Phenol: Influence Of Operating Conditions And Homogeneous Metal Catalysts" Journal Of Chemical Technology And Biotechnology May 1999; 74 (5) : 390-398.


244 207 Chamarro-E ; Marco-A ; Esplugas-S "Use Of Fenton Reagent To Improve Organic Chemical Biodegradability" Water-Research. Mar 2001; 35 (4) : 1047-1051.


248 211 T. Lendormi, C: Prevot, F. Doppenberg, J.N. Foussard, H. Debellefontaine “Subcritical Wet Oxidation Of Municipal Sewage Sludge:


251 214 Fajerweg-K ; Castan-T ; Foussard-Jn ; Perrard-A; Debellefontaine-H; "Dependency On Some Operating Parameters During Wet Oxidation Of Phenol By Hydrogen Peroxide With Fe-ZSM-5 Zeolite" Environmental Technology. Mar 2000; 21 (3) : 337-344.


254 216 Abdellaoui-M ; Barrault-J; Bouchoule-C ; Srasra-Nf ; Bergaya-F "Catalytic Wet Peroxide Oxidation Of Phenol Over Mixed [Al-Cu]-Pillared Clays” Journal De Chimie Physique Et De Physico Chimie Biologique. Mar 1999; 96 (3) : 419-429


Francesc Xavier Rodríguez i Muñoz


249A Rivas-J; Kolaczkowski-ST; Beltran-FJ; McLurgh-DB " Degradation of maleic acid in a wet air oxidation environment in the presence and absence of a platinum catalyst " Appl. Cat. B Env.. OCT 4 1999; 22 (4) : 279-291

250 Oliviero-L; Barbier-J ; Duprez-D; Guerrero-Ruiz-A; Bachiller-Baeza-B; Rodriguez-Ramos-I "Catalytic Wet Air Oxidation Of Phenol And Acrylic

251 Qin-Jy ; Zhang-Qi ; Chuang-Kt; "Catalytic Wet Oxidation Of P-Chlorophenol Over Supported Noble Metal Catalysts" Applied Catalysis B Environmental. Jan 15 2001; 29 (2) : 115-123.

252 Hamoudi-S; Sayari-A; Belkacemi-K; Bonneviot-L; Larachi-F "Catalytic Wet Oxidation Of Phenol Over Pt$_x$Ag$_{1-x}$MnO$_2$/CeO$_2$ Catalysts" Catalysis Today. Nov 25 2000; 62 (4) : 379-388.

253 Hamoudi-S; Larachi-F; Cerrella-G; Cassanello-M "Wet Oxidation Of Phenol Catalyzed By Unpromoted And Platinum-Promoted Manganese Cerium Oxide" Industrial And Engineering Chemistry Research. Sep 1998; 37 (9) : 3561-3566.


259 Eftaxias-A; Giralt-J; Stuber-F "Kinetic Modelling Of Catalytic Wet Air Oxidation Of Phenol By Simulated Annealing” Applied Catalysis B Environmental. Sep 28 2001; 33 (2) : 175-190.


263 Rodríguez X. Tesis De Llicenciatura “Tractament Catalític D’oxidació D’efluents Aquosos Fenòlics. Estudí De La Influencia Dels Catalitzadors


266 Rodriguez-X; Alejandre-A; Medina-F; Salagre-P; Cesteros-Y; Sueiras-Je "Cu/Ni/Al Layered Double Hydroxides As Precursors Of Catalysts For The Wet Air Oxidation Of Phenol Aqueous Solutions" Applied Catalysis B Environmental. Feb 26 2001; 30 (1-2) : 195-207.

267 Rodriguez-X; Alejandre-A ; Medina-F ; Salagre-P ;Sueiras-Je "Preparation And Activity Of Cu-Al Mixed Oxides Via Hydrotalcite-Like Precursors For The Oxidation Of Phenol Aqueous Solutions" Journal Of Catalysis. Dec 10 1999; 188 (2) : 311-324.


Francesc Xavier Rodríguez i Muñoz


311 Handbook of Chemistry and Physics, Ed. CRC, 62nd edition.