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Biotecnología
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BIOTECNOLOGÍA Y BIOINGENIERÍA

ARTICULOS EN REVISTAS JCR - 2005

No.	AÑO	AUTORES	LINK
1	2005	Genina Soto P, Altamirano Morales SB. Osmotic dehydration of sweet potato, apple and potato. Interciencia. Volumen: 30 Número: 8 Páginas: 485-487.	https://www.researchgate.net/publication/287718671_Osmotic_dehydration_of_sweet_potato_apple_and_potato
2	2005	Molina DEV, De Los Santos A, Guzman KAL, Muniz OS, Mendez MV, Rosales, RR, Llaven MAO, Dendooven L, Gutierrez Miceli FA. Sugar cane buds as an efficient explant for plantlet regeneration. Biologia Plantarum. Volumen: 49 Número: 4 Páginas: 481-485.	https://doi.org/10.1007/s10535-005-0035-4
3	2005	Garcia Salas S, Orozco-Alvarez C, Porter RM, Thalasso F. Measurement of local gas holdup in bubble columns via a non-isokinetic withdrawal method. Chemical Engineering Science. Volumen: 60 Número: 24 Páginas: 6929-6938.	https://doi.org/10.1016/j.ces.2005.06.010
4	2005	Valdez Vazquez I, Sparling R, Risbey D, Rinderknecht Seijas N, Poggi Varaldo HM. Hydrogen generation via anaerobic fermentation of paper mill wastes. Bioresource Technology. Volumen: 96 Número: 17 Páginas: 1907-1913.	https://doi.org/10.1016/j.biortech.2005.01.036
5	2005	Jimenez Avalos HA, Ramos Ramirez EG, Salazar Montoya JA. Viscoelastic characterization of gum arabic and maize starch mixture using the Maxwell model. Carbohydrate Polymers. Volumen: 62 Número: 1 Páginas: 11-18.	https://doi.org/10.1016/j.carbpol.2005.07.007
6	2005	Chavez C, Castillo R, Dendooven L, Escamilla Silva EM. Poultry slaughter wastewater treatment with an up-flow anaerobic sludge blanket (UASB) reactor. Bioresource Technology. Volumen: 96 Número: 15 Páginas: 1730-1736.	https://doi.org/10.1016/j.biortech.2004.08.017
7	2005	Amezcua Allieri MA, Lead JR, Rodríguez Vázquez R. Impact of microbial activity on copper, lead and nickel mobilization during the bioremediation of soil PAHs. Chemosphere. Volumen: 61 Número: 4 Páginas: 484-491.	https://doi.org/10.1016/j.chemosphere.2005.03.002
8	2005	Valdez Vazquez I, Rios Leal E, Esparza Garcia FJ, Cecchi F, Poggi Varaldo HM. Semi-continuous solid substrate anaerobic reactors for H-2 production from organic waste: Mesophilic versus thermophilic regime. International Journal Of Hydrogen Energy. Volumen: 30 Número: 13-14 Páginas: 1383-1391.	https://doi.org/10.1016/j.ijhydene.2004.09.016
9	2005	Garibay Orijel C, Rios Leal E, Garcia Mena J, Poggi Varaldo HM. 2,4,6-Trichlorophenol and phenol removal in methanogenic and partially-aerated methanogenic conditions in a fluidized bed bioreactor. Journal Of Chemical Technology And Biotechnology. Volumen: 80 Número: 10 Páginas: 1180-1187.	https://doi.org/10.1002/jctb.1313
10	2005	Rodriguez Tovar AV, Ruiz Medrano R, Herrera Martinez A, Barrera Figueroa BE, Hidalgo Lara ME, Reyes Marquez BE, Cabrera Ponce JL, Valdes M, Xoconostle Cazares BG. Stable genetic transformation of the ectomycorrhizal fungus Pisolithus tinctorius. Journal Of Microbiological Methods. Volumen: 63 Número: 1 Páginas: 45-54.	https://doi.org/10.1016/j.mimet.2005.02.016
11	2005	Piedra Ibarra E, De La Torre Almaraz R, Zuniga G, Xoconostle Cazares BG, Ruiz Medrano R. Leonotis nepetaefolia: An important plant virus reservoir in central Mexico. Phytoparasitica. Volumen: 33 Número: 5 Páginas: 480-494.	https://doi.org/10.1007/BF02981397
12	2005	Hidalgo Lara ME, Farres GSA, Montes Horcasitas MC. beta-methyl-xyloside: positive effect on xylanase induction in Cellulomonas flavigena. Journal Of Industrial Microbiology & Biotechnology. Volumen: 32 Número: 8 Páginas: 345-348.	https://doi.org/10.1007/s10295-005-0258-6
13	2005	Vega Estrada J, Montes Horcasitas MC, Dominguez Bocanegra AR, Canizares Villanueva RO. Haematococcus pluvialis cultivation in split-cylinder internal-loop airlift photobioreactor underaeration conditions avoiding cell damage. Applied Microbiology And Biotechnology. Volumen: 68 Número: 1 Páginas: 31-35.	https://doi.org/10.1007/s00253-004-1863-4
14	2005	Lucho Constantino CA, Prieto Garcia F, Del Razo LM, Rodríguez Vázquez R, Poggi Varaldo HM. Chemical fractionation of boron and heavy metals in soils irrigated with wastewater in central Mexico. Agriculture Ecosystems & Environment. Volumen: 108 Número: 1 Páginas: 57-71.	https://doi.org/10.1016/j.agee.2004.12.013
15	2005	Garcia Mena J, Cano Ramirez C, Garibay Orijel C, Ramirez Canseco S, Poggi Varaldo HM. A PCR method for the detection and differentiation of Lentinus edodes and Trametes versicolor in defined-mixed cultures used for wastewater treatment. Applied Microbiology And Biotechnology. Volumen: 67 Número: 4 Páginas: 524-531.	https://doi.org/10.1007/s00253-004-1795-z
16	2005	Feria Romero I, Lazo E, Ponce Noyola MT, Cerda Garcia Rojas CM, Ramos Valdivia AC. Induced accumulation of oleanolic acid and ursolic acid in cell suspension cultures of Uncaria tomentosa. Biotechnology Letters. Volumen: 27 Número: 12 Páginas: 839-843.	https://doi.org/10.1007/s10529-005-6215-7
17	2005	Poggi Varaldo HM, Alzate Gaviria LM, Perez Hernandez A, Nevarez Morillon VG, Rinderknecht Seijas N. A side-by-side comparison of two systems of sequencing coupled reactors for anaerobic digestion of the organic fraction of municipal solid waste. Waste Management & Research. Volumen: 23 Número: 3 Páginas: 270-280.	https://doi.org/10.1177/0734242X05054166
18	2005	Trejo Tapia G, Cerda Garcia Rojas CM, Rodriguez Monroy M, Ramos Valdivia AC. Monoterpenoid oxindole alkaloid production by Uncaria tomentosa (Willd) DC cell suspension cultures in a stirred tank bioreactor. Biotechnology Progress. Volumen: 21 Número: 3 Páginas: 786-792.	https://doi.org/10.1021/bp049608s
19	2005	Gracida J, Pérez Guevara F, Cardoso Martinez J. Thermal and dynamic mechanical properties of binary blends of bacterial copolyester poly(hydroxybutyrate-co-hydroxyvalerate) (PHBHV) with poly(2-hydroxyethylmethacrylate) (PHEMA). Journal Of Materials Science. Volumen: 40 Número: 9-10 Páginas: 2565-2567.	https://doi.org/10.1007/s10853-005-2076-7
20	2005	Flores Cotera LB, Garcia Salas S. Gas holdup, foaming and oxygen transfer in a jet loop bioreactor with artificial foaming media and yeast culture. Journal Of Biotechnology. Volumen: 116 Número: 4 Páginas: 387-396.	https://doi.org/10.1016/j.jbiotec.2004.12.011
21	2005	Contreras Ramos SM, Escamilla Silva EM, Dendooven L. Vermicomposting of biosolids with cow manure and oat straw. Biology And Fertility Of Soils. Volumen: 41 Número: 3 Páginas: 190-198.	https://doi.org/10.1007/s00374-004-0821-8
22	2005	Lucho Constantino CA, Alvarez Suarez M, Beltran Hernandez RI, Prieto Garcia F, Poggi Varaldo HM. A multivariate analysis of the accumulation and fractionation of major and trace elements in agricultural soils in Hidalgo State, Mexico irrigated with raw wastewater. Environment International. Volumen: 31 Número: 3 Páginas: 313-323.	https://doi.org/10.1016/j.envint.2004.08.002
23	2005	Conde E, Cardenas M, Ponce Mendoza A, Luna Guido ML, Cruz Mondragon C, Dendooven L. The impacts of inorganic nitrogen application on mineralization of C-14-labelled maize and glucose, and on priming effect in saline alkaline soil. Soil Biology & Biochemistry. Volumen: 37 Número: 4 Páginas: 681-691.	https://doi.org/10.1016/j.soilbio.2004.08.026
24	2005	Amezcua Allieri MA, Lead JR, Rodríguez Vázquez R. Changes of chromium behavior in soil during phenanthrene removal by Penicillium frequentans. Biometals. Volumen: 18 Número: 1 Páginas: 23-29.	https://doi.org/10.1007/s10534-004-5771-y
25	2005	Ocadiz R, Orozco E, Carrillo E, Quintas LI, Ortega Lopez J, Garcia Perez RM, Sanchez T, Castillo Juarez BA, Garcia Rivera G, Rodriguez MA. EhCP112 is an Entamoeba histolytica secreted cysteine protease that may be involved in the parasite-virulence. Cellular Microbiology. Volumen: 7 Número: 2 Páginas: 221-232.	https://doi.org/10.1111/j.1462-5822.2004.00453.x
26	2005	Moreno Brito V, Yanez Gomez C, Meza Cervantez P, Avila Gonzalez L, Rodriguez MA, Ortega Lopez J, Gonzalez Robles A, Arroyo R. Trichomonas vaginalis 120 kDa protein with identity to hydrogenosome pyruvate : ferredoxin oxidoreductase is a surface adhesin induced by iron. Cellular Microbiology. Volumen: 7 Número: 2 Páginas: 245-258.	https://doi.org/10.1111/j.1462-5822.2004.00455.x
27	2005	Baruch IS, Georgieva P, Barrera Cortes J, de Azevedo SF. Adaptive recurrent neural network control of biological wastewater treatment. International Journal Of Intelligent Systems. Volumen: 20 Número: 2 Páginas: 173-193.	https://doi.org/10.1002/int.20061
28	2005	Gutierrez Miceli FA, Rodriguez Mendiola MA, Ochoa Alejo N, Mendez Salas R, Arias Castro C, Dendooven L. Sucrose accumulation and enzyme activities in callus culture of sugarcane. Biologia Plantarum. Volumen: 49 Número: 3 Páginas: 475-479.	https://doi.org/10.1007/s10535-005-0034-5
29	2005	Luna Palencia GR, Cerda Garcia Rojas CM, Rodriguez Monroy M, Ramos Valdivia AC. Influence of auxins and sucrose in monoterpenoid oxindole alkaloid production by Uncaria tomentosa cell suspension cultures. Biotechnology Progress. Volumen: 21 Número: 1 Páginas: 198-204.	https://doi.org/10.1021/bp0497031
30	2005	Dzul Puc JD, Esparza Garcia FJ, Barajas Aceves M, Rodríguez Vázquez R. Benzo[a]pyrene removal from soil by Phanerochaete chrysosporium grown on sugarcane bagasse and pine sawdust. Chemosphere. Volumen: 58 Número: 1 Páginas: 1-7.	https://doi.org/10.1016/j.chemosphere.2004.08.089
31	2005	Larios Saldana A, Porcayo Calderon J, Poggi Varaldo HM. Obtaining a flour with low content of neutral-detergent fibre from defatted rice bran. Interciencia. Volumen: 30 Número: 1 Páginas: 29-32.	https://www.researchgate.net/publication/288077800_Obtaining_a_flour_with_low_content_of_neutral-detergent_fibre_from_defatted_rice_bran
32	2005	Carrion M, Alba J, Thalasso F. Effect of hydrodynamic conditions on biofilm oxygen consumption rate in a fixed-bed nitrifying reactor. Water Science And Technology. Volumen: 52 Número: 7 Páginas: 91-95.	https://www.semanticscholar.org/paper/Effect-of-hydrodynamic-conditions-on-biofilm-oxygen-Carrión-Alba/14c7fab14016fd0afc8706bf458760cf77f68f14
33	2005	Ramos MS, Divila JL, Esparza F, Thalasso F, Alba J, Guerrero AL, Avelar FJ. Treatment of wastewater containing high phenol concentrations using stabilisation ponds enriched with activated sludge. Water Science And Technology. Volumen: 51 Número: 12 Páginas: 257-260.	https://doi.org/10.2166/wst.2005.0477