

BIOTECNOLOGÍA Y BIOINGENIERÍA

ARTICULOS EN REVISTAS JCR - 2006

No.	AÑO	AUTORES	LINK
1	2006	Vasquez Bahena JM, Vega Estrada J, Santiago Hernandez JA, Ortega Lopez J, Flores Cotera LB, Montes Horcasitas MC, Hidalgo Lara ME. Expression and improved production of the soluble extracellular invertase from <i>Zymomonas mobilis</i> in <i>Escherichia coli</i> . Enzyme And Microbial Technology. Volumen: 40 Número: 1 Número especial: SI Páginas: 61-66.	https://doi.org/10.1016/j.enzmictec.2005.11.051
2	2006	Santiago Hernandez JA, Vasquez Bahena JM, Calixto Romo MA, Xoconostle Cazares BG, Ortega Lopez J, Ruiz Medrano R, Montes Horcasitas MC, Hidalgo Lara ME. Direct immobilization of a recombinant invertase to Avicel by E-coli overexpression of a fusion protein containing the extracellular invertase from <i>Zymomonas mobilis</i> and the carbohydrate-binding domain CB3Cex from <i>Cellulomonas fimi</i> . Enzyme And Microbial Technology. Volumen: 40 Número: 1 Número especial: SI Páginas: 172-176.	https://doi.org/10.1016/j.enzmictec.2005.10.052
3	2006	Barrera Cortes J, Manilla Perez E, Poggi Varaldo HM. Oxygen transfer to slurries treated in a rotating drum operated at atmospheric pressure. Bioprocess And Biosystems Engineering. Volumen: 29 Número: 5-6 Páginas: 391-398.	https://doi.org/10.1007/s00449-006-0088-6
4	2006	Alvarez Bernat D, Garcia Diaz EL, Conterras Ramos SM, Dendooven L. Dissipation of polycyclic aromatic hydrocarbons from soil added with manure or vermicompost. Chemosphere. Volumen: 65 Número: 9 Páginas: 1642-1651.	https://doi.org/10.1016/j.chemosphere.2006.02.028
5	2006	Ruiz Herrera J, Xoconostle Cazares BG, Reynaga Pena CG, Leon Ramirez C, Carabenz Trejo A. Immunolocalization of chitin synthases in the phytopathogenic dimorphic fungus <i>Ustilago maydis</i> . Fems Yeast Research. Volumen: 6 Número: 7 Páginas: 999-1009.	https://doi.org/10.1111/j.1567-1364.2006.00133.x
6	2006	Valdez Vazquez I, Rios Leal E, Munoz Paez KM, Carmona Martinez A, Poggi Varaldo HM. Effect of inhibition treatment, type of inocula, and incubation temperature on batch H-2 production from organic solid waste. Biotechnology And Bioengineering. Volumen: 95 Número: 3 Páginas: 342-349.	https://doi.org/10.1002/bit.20891
7	2006	Alvarez Bernat D, Conterras Ramos SM, Trujillo Tapia N, Olalde Portugal V, Frias Hernandez JT, Dendooven L. Effects of tanneries wastewater on chemical and biological soil characteristics. Applied Soil Ecology. Volumen: 33 Número: 3 Páginas: 269-277.	https://doi.org/10.1016/j.apsoil.2005.10.007
8	2006	Melendez Estrada J, Amezcua Allieri MA, Alvarez PJJ, Rodriguez Vázquez R. Phenanthrene removal by <i>Penicillium frequentans</i> grown on a solid-state culture: Effect of oxygen concentration. Environmental Technology. Volumen: 27 Número: 10 Páginas: 1073-1080.	https://doi.org/10.1080/10934520600873548
9	2006	Roldan Martin A, Esparza Garcia FJ, Calva Calva G, Rodriguez Vázquez R. Effects of mixing low amounts of orange peel (<i>Citrus reticulata</i>) with hydrocarbon-contaminated soil in solid culture to promote remediation. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 41 Número: 10 Páginas: 2373-2385.	https://doi.org/10.1016/j.apsoil.2005.10.007
10	2006	Gutierrez Miceli FA, Oliva Llaven MA, Rincon Rosales R, Dendooven L. Selection of sugarcane genotypes using callus culture traits. Agrociencia. Volumen: 40 Número: 5 Páginas: 605-611.	https://www.researchgate.net/publication/289834041_Selection_of_sugarcane_genotypes_using_callus_culture_traits
11	2006	Franco Hernandez O, Dendooven L. Dynamics of C, N and P in soil amended with biosolids from a pharmaceutical industry producing cephalosporines or third generation antibiotics: A laboratory study. Bioresource Technology. Volumen: 97 Número: 13 Páginas: 1563-1571.	https://doi.org/10.1016/j.biortech.2005.06.007
12	2006	Robles Gonzalez I, Rios Leal E, Ferrera Cerrato R, Esparza Garcia FJ, Rinderknecht Seijas N, Poggi Varaldo HM. Bioremediation of a mineral soil with high contents of clay and organic matter contaminated with herbicide 2,4-dichlorophenoxyacetic acid using slurry bioreactors: Effect of electron acceptor and supplementation with an organic carbon source. Process Biochemistry. Volumen: 41 Número: 9 Páginas: 1951-1960.	https://doi.org/10.1016/j.procbio.2006.04.004
13	2006	Garibay Orijel C, Hoyo Vadillo C, Ponce Noyola MT, Garcia Mena J, Poggi Varaldo HM. Impact of long-term partial aeration on the removal of 2,4,6-trichlorophenol in an initially methanogenic fluidized bed bioreactor. Biotechnology And Bioengineering. Volumen: 94 Número: 5 Páginas: 949-960.	https://doi.org/10.1002/bit.20918
14	2006	De la Torre Sanchez R, Baruch I, Barrera Cortes J. Neural prediction of hydrocarbon degradation profiles developed in a biopile. Expert Systems With Applications. Volumen: 31 Número: 2 Páginas: 383-389.	https://doi.org/10.1016/j.eswa.2005.09.056
15	2006	Montanez Soto JL, Alegret S, Salazar Montoya JA, Ramos Ramirez EG. A new amperometric biosensor for fructose determination based on epoxy-graphite-TTF-TCNQ-FDH-biocomposite. European Food Research And Technology. Volumen: 223 Número: 3 Páginas: 379-386.	https://doi.org/10.1007/s00217-005-0215-7
16	2006	Ortega Clemente A, Estrada Vazquez C, Rinderknecht Seijas N, Caffarel Mendez S, Esparza Garcia FJ, Poggi Varaldo HM. Integrated biological treatment of wastewater from the Kraft cellulose industry. Ingenieria Quimica. Número: 29 Páginas: 74-87.	https://www.researchgate.net/publication/299157556_Integrated_biological_treatment_of_wastewater_from_the_Kraft_cellulose_industry
17	2006	Perales Vela HV, Pena Castro JM, Canizares Villanueva RO. Heavy metal detoxification in eukaryotic microalgae. Chemosphere. Volumen: 64 Número: 1 Páginas: 1-10.	https://doi.org/10.1016/j.chemosphere.2005.11.024
18	2006	Contreras Ramos SM, Alvarez Bernal D, Dendooven L. Eisenia fetida increased removal of polycyclic aromatic hydrocarbons from soil. Environmental Pollution. Volumen: 141 Número: 3 Páginas: 396-401.	https://doi.org/10.1016/j.envpol.2005.08.057
19	2006	Aguilar Lopez R, Martinez Guerra R, Mendoza Camargo J, Neria Gonzalez MI. Monitoring of an industrial wastewater plant employing finite-time convergence observer. Journal Of Chemical Technology And Biotechnology. Volumen: 81 Número: 6 Páginas: 851-857.	https://doi.org/10.1002/jctb.1458
20	2006	Mena Violante HG, Ocampo Jimenez O, Dendooven L, Martinez Soto G, Gonzalez Castaneda J, Davies FT, Olalde Portugal V. Arbuscular mycorrhizal fungi enhance fruit growth and quality of chile ancho (<i>Capsicum annuum</i> L. cv San Luis) plants exposed to drought. Mycorrhiza. Volumen: 16 Número: 4 Páginas: 261-267.	https://doi.org/10.1007/s00572-006-0043-z
21	2006	Valdez Vazquez I, Rios Leal E, Carmona Martinez A, Munoz Paez KM, Poggi Varaldo HM. Improvement of biohydrogen production from solid wastes by intermittent venting and gas flushing of batch reactors headspace. Environmental Science & Technology. Volumen: 40 Número: 10 Páginas: 3409-3415.	https://doi.org/10.1021/es052119j
22	2006	De la Torre Almaraz R, Romero Rodriguez A, Monsalvo Reyes AC, Medina Ramos G, Torres Pacheco I, Ruiz Medrano R. Biological characterization of a gemivirus associated with abutilon (<i>Abutilon x hybridum</i> Hort. Ex. Voss. Malvaceae) yellow mosaic virus in Mexico. Agrociencia. Volumen: 40 Número: 3 Páginas: 335-347.	https://www.scopus.com/record/display.uri?eid=2-s2.0-33646396459&origin=inward&tgtId=9ac6e6330d9bb35ebc13db5a19ed095
23	2006	Navarro AK, Farrera RR, Lopez R, Perez Guevara F. Relationship between poly-beta-hydroxybutyrate production and delta-endotoxin for <i>Bacillus thuringiensis</i> var. kurstaki. Biotechnology Letters. Volumen: 28 Número: 9 Páginas: 641-644.	https://doi.org/10.1007/s10529-006-0029-0
24	2006	Vasquez Murreria MS, Cruz Mondragon C, Trujillo Tapia N, Heffer Arreola G, Goovaerts B, Van Cleemput O, Dendooven L. Nitrous oxide production of heavy metal contaminated soil. Soil Biology & Biochemistry. Volumen: 38 Número: 5 Páginas: 931-940.	https://doi.org/10.1016/j.soilbio.2005.10.002
25	2006	Amaya Delgado L, Vega Estrada J, Flores Cotera LB, Dendooven L, Hidalgo Lara ME, Montes Horcasitas MC. Induction of xylanases by sugar cane bagasse at different cell densities of <i>Cellulomonas flavigena</i> . Applied Microbiology And Biotechnology. Volumen: 70 Número: 4 Páginas: 477-481.	https://doi.org/10.1007/s00253-005-0096-5
26	2006	Vasquez Murreria M, Migueles Garduno I, Franco Hernandez O, Goovaerts B, Dendooven L. C and N mineralization and microbial biomass in heavy-metal contaminated soil. European Journal Of Soil Biology. Volumen: 42 Número: 2 Páginas: 89-98.	https://doi.org/10.1016/j.ejsobi.2005.10.002
27	2006	Robles Gonzalez IV, Rios Leal E, Galindez Mayer J, Caffarel Mendez S, Barrera Cortes J, Esparza Garcia FJ, Poggi Varaldo HM. Adsorptive-desorptive behaviour of lindane in an agricultural soil. Interciencia. Volumen: 31 Número: 4 Páginas: 305-308.	https://www.researchgate.net/publication/287486457_Adsorptive-desorptive_behaviour_of_lindane_in_an_agricultural_soil
28	2006	Pena Castro JM, Barrera Figueroa BE, Fernandez Linares L, Ruiz Medrano R, Xoconostle Cazares BG. Isolation and identification of up-regulated genes in bermudagrass roots (<i>Cynodon dactylon</i> L.) grown under petroleum hydrocarbon stress. Plant Science. Volumen: 170 Número: 4 Páginas: 724-731.	https://doi.org/10.1016/j.plantsci.2005.11.004
29	2006	Ramon Luino LA, Cruz Migon I, Ruiz Medrano R, Xoconostle Cazares BG, Ortega Lopez J. One-step purification and immobilization in cellulose of the GroEL apical domain fused to a carbohydrate-binding module and its use in protein refolding. Biotechnology Letters. Volumen: 28 Número: 5 Páginas: 301-307.	https://doi.org/10.1007/s10529-005-5714-x
30	2006	Betancur Galvis LA, Alvarez Bernal D, Ramos Valdivia AC, Dendooven L. Bioremediation of polycyclic aromatic hydrocarbon-contaminated saline-alkaline soils of the former Lake Texcoco. Chemosphere. Volumen: 62 Número: 11 Páginas: 1749-1760.	https://doi.org/10.1016/j.chemosphere.2005.07.026
31	2006	Cortes Espinosa D, Fernandez Perrino F, Arana Cuena A, Esparza Garcia FJ, Loera O, Rodriguez Vázquez R. Selection and identification of fungi isolated from sugarcane bagasse and their application for phenanthrene removal from soil. Journal Of Environmental Science And Health Part A-Toxic/Hazardous Substances & Environmental Engineering. Volumen: 41 Número: 3 Páginas: 475-486.	https://doi.org/10.1111/j.1472-765X.2005.01848.x
32	2006	Amezcua Allieri MA, Rodriguez Vázquez R. Bioavailable cadmium during the bioremediation of phenanthrene-contaminated soils using the diffusive gradients in thin-film technique. Letters In Applied Microbiology. Volumen: 42 Número: 3 Páginas: 296-299.	https://doi.org/10.1007/s10529-005-5714-x
33	2006	Saldana S, Guadarrama FE, Flores TDO, Arias N, Lopez S, Arias C, Ruiz Medrano R, Mason H, Mor T, Richter L, Arntzen CJ, Lim MAG. Production of rotavirus-like particles in tomato (Lycopersicon esculentum L.) fruit by expression of capsid proteins VP2 and VP6 and immunological studies. Viral Immunology. Volumen: 19 Número: 1 Páginas: 42-53.	https://doi.org/10.1089/vim.2006.19.42

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34	2006	Zaleta Rivera K, Xu CP, Yu FG, Butchko RAE, Proctor RH, Hidalgo Lara ME, Raza A, Dussault PH, Du LC. A bidomain nonribosomal peptide synthetase encoded by FUM14 catalyzes the formation of tricarballylic esters in the biosynthesis of fumonisin. <i>Biochemistry</i> . Volumen: 45 Número: 8 Páginas: 2561-2569.	https://doi.org/10.1021/bi052085s
35	2006	Martinez Toledo A, Rios Leal E, Vazquez Duhalt R, Gonzalez Chavez MD, Esparza Garcia FJ, Rodríguez Vázquez R. Role of phenanthrene in rhamnolipid production by <i>P-</i> putida in different media. <i>Environmental Technology</i> . Volumen: 27 Número: 2 Páginas: 137-142.	https://doi.org/10.1080/09593332708618628
36	2006	Garibay Orijet C, Ahring BK, Rinderknecht Seijas N, Poggi Varaldo HM. A simple model for simultaneous methanogenic-denitrification systems. <i>Journal Of Chemical Technology And Biotechnology</i> . Volumen: 81 Número: 2 Páginas: 173-181.	https://doi.org/10.1002/jctb.1376
37	2006	Govaerts B, Sayre KD, Ceballos Ramirez JM, Luna Guido ML, Limon Ortega A, Deckers J, Dendooven L. Conventionally tilled and permanent raised beds with different crop residue management: Effects on soil C and N dynamics. <i>Plant And Soil</i> . Volumen: 280 Número: 1-2 Páginas: 143-155.	https://doi.org/10.1007/s11104-005-2854-7
38	2006	Dendooven L, Vega Jarquin C, Cruz Mondragon C, Van Cleemput O, Marsch Moreno R. Dynamics of inorganic nitrogen in nitrate and glucose-amended alkaline-saline soil. <i>Plant And Soil</i> . Volumen: 279 Número: 1-2 Páginas: 243-252.	https://doi.org/10.1007/s11104-005-1359-8
39	2006	Amaya Delgado L, Hidalgo Lara ME, Montes Horcasitas MC. Hydrolysis of sucrose by invertase immobilized on nylon-6 microbeads. <i>Food Chemistry</i> . Volumen: 99 Número: 2 Páginas: 299-304.	https://doi.org/10.1016/j.foodchem.2005.07.048
40	2006	Solano Gonzalez E, Alvarez Sanchez ME, Avila Gonzalez L, Rodriguez Vargas VH, Arroyo R, Ortega Lopez J. Location of the cell-binding domain of CP65, a 65 kDa cysteine proteinase involved in <i>Trichomonas vaginalis</i> cytotoxicity. <i>International Journal Of Biochemistry & Cell Biology</i> . Volumen: 38 Número: 12 Páginas: 2114-2127.	https://doi.org/10.1016/j.biocel.2006.06.003
41	2006	Ponce Mendoza A, Boeckx P, Gutierrez Miceli F, Van Cleemput O, Dendooven L. Influence of water regime and N availability on the emission of nitrous oxide and carbon dioxide from tropical, semi-arid soils of Chiapas, Mexico. <i>Journal Of Arid Environments</i> . Volumen: 64 Número: 1 Páginas: 137-151.	https://doi.org/10.1016/j.jaridenv.2005.05.001