

# BIOTECNOLOGÍA Y BIOINGENIERÍA

## ARTICULOS EN REVISTAS JCR - 2007

No.	AÑO	AUTORES	LINK
1	2007	Sanchez Herrera LM, Ramos Valdivia AC, de la Torre Martinez M, Salgado LM, Ponce Noyola MT. Differential expression of cellulases and xylanases by Cellulomonas flavigena grown on different carbon sources. <i>Applied Microbiology And Biotechnology</i> . Volumen: 77 Número: 3 Páginas: 589-595.	<a href="https://doi.org/10.1007/s00253-007-1190-7">https://doi.org/10.1007/s00253-007-1190-7</a>
2	2007	Neria Gonzalez MI, Aguilar Lopez R. Tracking trajectories in a continuous anaerobic bioreactor employing a nonlinear proportional controller. <i>International Journal Of Chemical Reactor Engineering</i> . Volumen: 5 Número de artículo: A73.	<a href="https://doi.org/10.2202/1542-6580_1469">https://doi.org/10.2202/1542-6580_1469</a>
3	2007	Gutierrez Miceli FA, Santiago Borraz J, Molina JAM, Nafate CC, Abud Archila M, Llaven MAO, Rincon Rosales R, Dendooven L. Vermicompost as a soil supplement to improve growth, yield and fruit quality of tomato ( <i>Lycopersicum esculentum</i> ). <i>Bioresource Technology</i> . Volumen: 98 Número: 15 Páginas: 2781-2786.	<a href="https://doi.org/10.1016/j.biortech.2006.02.032">https://doi.org/10.1016/j.biortech.2006.02.032</a>
4	2007	Hernandez Suarez R, Puebla H, Aguilar Lopez R. Parametric approach for the optimal design of knockout drums. <i>Industrial &amp; Engineering Chemistry Research</i> . Volumen: 46 Número: 21 Páginas: 7008-7017.	<a href="https://doi.org/10.1021/ir0701930">https://doi.org/10.1021/ir0701930</a>
5	2007	De La Torre Almaraz R, Salazar Segura M, Ruiz Medrano R. Occurrence of a tobamovirus associated with yellow ringspots in prickly pear cactus in Mexico. <i>Agrociencia</i> . Volumen: 41 Número: 7 Páginas: 763-773.	<a href="https://produccion.sila.unam.mx/Publicaciones/ProdCientif/PublicacionFrw.aspx?scopus=0&amp;id=362496">https://produccion.sila.unam.mx/Publicaciones/ProdCientif/PublicacionFrw.aspx?scopus=0&amp;id=362496</a>
6	2007	Govaerts B, Mezzalama M, Urno Y, Sayre KD, Luna Guido M, Vanherck K, Dendooven L, Deckers J. Influence of tillage, residue management, and crop rotation on soil microbial biomass and catabolic diversity. <i>Applied Soil Ecology</i> . Volumen: 37 Número: 1-2 Páginas: 18-30.	<a href="https://doi.org/10.1016/j.apsoil.2007.03.006">https://doi.org/10.1016/j.apsoil.2007.03.006</a>
7	2007	Govaerts B, Verhulst N, Sayre KD, De Corte P, Goudseune B, Lichter K, Crossa J, Deckers J, Dendooven L. Evaluating spatial within plot crop variability for different management practices with an optical sensor?. <i>Plant And Soil</i> . Volumen: 299 Número: 1-2 Páginas: 29-42.	<a href="https://doi.org/10.1007/s11104-007-9358-6">https://doi.org/10.1007/s11104-007-9358-6</a>
8	2007	Trejo Tapia G, Sepulveda Jimenez G, Trejo Espino JL, Cerda Garcia Rojas CM, de la Torre Martinez M, Rodriguez Monroy M, Ramos Valdivia AC. Hydrodynamic stress induces monoterpenoid oxindole alkaloid accumulation by Uncaria tomentosa (Willd) D.C. cell suspension cultures via oxidative burst. <i>Biotechnology And Bioengineering</i> . Volumen: 98 Número: 1 Páginas: 230-238.	<a href="https://doi.org/10.1002/bit.21384">https://doi.org/10.1002/bit.21384</a>
9	2007	Rivera Espinoza Y, Dendooven L. Dynamics of carbon and nitrogen in a mixture of polycyclic aromatic hydrocarbons contaminated soil amended with organic residues. <i>Environmental Technology</i> . Volumen: 28 Número: 8 Páginas: 883-893.	<a href="https://doi.org/10.1080/09593332808618844">https://doi.org/10.1080/09593332808618844</a>
10	2007	Barajas Aceves M, Corona Hernandez J, Rodriguez Vázquez R. Chromium fractionation in semi-arid soils amended with chromium and tannery sludge. <i>Journal Of Hazardous Materials</i> . Volumen: 146 Número: 1-2 Páginas: 91-97.	<a href="https://doi.org/10.1016/j.jhazmat.2006.12.001">https://doi.org/10.1016/j.jhazmat.2006.12.001</a>
11	2007	Aguilar Lopez R. Outlet temperature regulation for a class of plug flow chemical reactor via nonlinear feedback. <i>International Journal Of Chemical Reactor Engineering</i> . Volumen: 5 Número de artículo: A25.	<a href="https://doi.org/10.2202/1542-6580_1389">https://doi.org/10.2202/1542-6580_1389</a>
12	2007	Roldan Martin A, Calva Calva G, Rojas Avetizapa N, Diaz Cervantes MD, Rodriguez Vázquez R. Solid culture amended with small amounts of raw coffee beans for the removal of petroleum hydrocarbon from weathered contaminated soil. <i>International Biodeterioration &amp; Biodegradation</i> . Volumen: 60 Número: 1 Páginas: 35-39.	<a href="https://doi.org/10.1016/j.ibiod.2006.10.008">https://doi.org/10.1016/j.ibiod.2006.10.008</a>
13	2007	Solano Gonzalez E, Burrula Barraza E, Leon Sicairos C, Avila Gonzalez L, Gutierrez Escuelano L, Ortega Lopez J, Arroyo R. The trichomonad cysteine proteinase TVCP4 transcript contains an iron-responsive element. <i>Fefs Letters</i> . Volumen: 581 Número: 16 Páginas: 2919-2928.	<a href="https://doi.org/10.1016/j.febslet.2007.05.056">https://doi.org/10.1016/j.febslet.2007.05.056</a>
14	2007	Dominguez Bocanegra AR, Ponce Noyola MT, Torres Munoz JA. Astaxanthin production by Phaffia rhodozyma and Haematococcus pluvialis: a comparative study. <i>Applied Microbiology And Biotechnology</i> . Volumen: 75 Número: 4 Páginas: 783-791.	<a href="https://doi.org/10.1007/s00253-007-0889-9">https://doi.org/10.1007/s00253-007-0889-9</a>
15	2007	Ramos MS, Davila JL, Thalasso F, Guerrero AL, Ramirez Lopez FM, Esparza Garcia FJ, Avelar FJ. Labscale anoxic stabilization ponds operated under high organic loads: long term effect of enrichment with activated sludge. <i>Environmental Technology</i> . Volumen: 28 Número: 6 Páginas: 693-699.	<a href="https://doi.org/10.1080/09593332808618829">https://doi.org/10.1080/09593332808618829</a>
16	2007	Herrera Arevalo G, Herrera Y, Reyes Reyes BG, Dendooven L. Mesquite ( <i>Prosopis juliflora</i> (Sw.) DC.), huisache ( <i>Acacia farnesiana</i> (L.) Willd.) and catclaw ( <i>Mimosa biuncifera</i> Benth.) and their effect on dynamics of carbon and nitrogen in soils of the semi-arid highlands of Durango Mexico. <i>Journal Of Arid Environments</i> . Volumen: 69 Número: 4 Páginas: 583-598.	<a href="https://doi.org/10.1016/j.jaridenv.2006.11.014">https://doi.org/10.1016/j.jaridenv.2006.11.014</a>
17	2007	Taoka K, Ham BK, Xoconostle Cazares BG, Rojas MR, Lucas WI. Reciprocal phosphorylation and glycosylation recognition motifs control NCAPP1 interaction with pumpkin phloem proteins and their cell-to-cell movement. <i>Plant Cell</i> . Volumen: 19 Número: 6 Páginas: 1866-1884.	<a href="https://doi.org/10.1105/tpc.107.052522">https://doi.org/10.1105/tpc.107.052522</a>
18	2007	Contreras Ramos SM, Alvarez Bernal D, Dendooven L. Dynamics of nitrogen in a PAHs contaminated soil amended with biosolid or vermicompost in the presence of earthworms. <i>Chemosphere</i> . Volumen: 67 Número: 10 Páginas: 2072-2081.	<a href="https://doi.org/10.1016/j.chemosphere.2006.10.069">https://doi.org/10.1016/j.chemosphere.2006.10.069</a>
19	2007	Perales Vela HV, Gonzalez Moreno S, Montes Horcasitas MC, Canizares Villanueva RO. Growth, photosynthetic and respiratory responses to sub-lethal copper concentrations in <i>Scenedesmus incrassatus</i> (Chlorophyceae). <i>Chemosphere</i> . Volumen: 67 Número: 11 Páginas: 2274-2281.	<a href="https://doi.org/10.1016/j.chemosphere.2006.11.036">https://doi.org/10.1016/j.chemosphere.2006.11.036</a>
20	2007	Reyes Reyes BG, Alcantara Hernandez R, Rodriguez V, Olalte Portugal V, Dendooven L. Microbial biomass in a semi and soil of the central highlands of Mexico cultivated with maize or under natural vegetation. <i>European Journal Of Soil Biology</i> . Volumen: 43 Número: 3 Páginas: 180-188.	<a href="https://doi.org/10.1016/j.ejsobi.2007.02.001">https://doi.org/10.1016/j.ejsobi.2007.02.001</a>
21	2007	Herrera-Lopez D, Rinderknecht Seijas N, Poggi Varaldo HM. A generalization of the series and parallel-series reaction model for complete mix reactors. <i>Interciencia</i> . Volumen: 32 Número: 5 Páginas: 324-327.	<a href="https://ve.scieno.org/scieno.php?script=sci_abstract&amp;pid=S0378-1844200700050008&amp;lng=en&amp;tlnq=en">https://ve.scieno.org/scieno.php?script=sci_abstract&amp;pid=S0378-1844200700050008&amp;lng=en&amp;tlnq=en</a>
22	2007	Lin MK, Belanger H, Lee YJ, Varkonyi Gasic E, Taoka KI, Miura E, Xoconostle Cazares BG, Gendler K, Jorgensen RA, Phinney B, Lough TJ, Lucas WJ. FLORERING LOCUS T protein may act as the long-distance florogenic signal in the cucurbits. <i>Plant Cell</i> . Volumen: 19 Número: 5 Páginas: 1488-1506.	<a href="https://doi.org/10.1105/tpc.107.051920">https://doi.org/10.1105/tpc.107.051920</a>
23	2007	Jimenez Hernandez J, Salazar Montoya JA, Ramos Ramirez EG. Physical, chemical and microscopic characterization of a new starch from chayote ( <i>Sechium edule</i> ) tuber and its comparison with potato and maize starches. <i>Carbohydrate Polymers</i> . Volumen: 68 Número: 4 Páginas: 679-686.	<a href="https://doi.org/10.1016/j.carbpol.2006.07.035">https://doi.org/10.1016/j.carbpol.2006.07.035</a>
24	2007	Barrera Islas GA, Ramos Valdivia AC, Salgado LM, Ponce Noyola MT. Characterization of a beta-glucosidase produced by a high-specific growth-rate mutant of <i>Cellulomonas flavigena</i> . <i>Current Microbiology</i> . Volumen: 54 Número: 4 Páginas: 266-270.	<a href="https://doi.org/10.1007/s00284-006-0105-7">https://doi.org/10.1007/s00284-006-0105-7</a>
25	2007	Barragan Huerta BE, Costa Perez C, Peralta Cruz J, Barerra Cortes J, Esparza Garcia FJ, Rodriguez Vázquez R. Biodegradation of organochlorine pesticides by bacteria grown in microniches of the porous structure of green bean coffee. <i>International Biodeterioration &amp; Biodegradation</i> . Volumen: 59 Número: 3 Páginas: 239-244.	<a href="https://doi.org/10.1016/j.ibiod.2006.11.001">https://doi.org/10.1016/j.ibiod.2006.11.001</a>
26	2007	Aguilar Lopez R, Soto Cortes G, Neria Gonzalez MI, Escarola Perez R. Tracking unmodelled signals of nonlinear systems via robust sliding mode observer: Application to reacting systems. <i>Journal Of Applied Research And Technology</i> . Volumen: 5 Número: 1 Páginas: 10-21.	<a href="https://www.scielo.org.mx/scielo.php?script=sci_arttext&amp;pid=S1665-64232007000100002">https://www.scielo.org.mx/scielo.php?script=sci_arttext&amp;pid=S1665-64232007000100002</a>
27	2007	Santiago Hernandez A, Vega Estrada J, Montes Horcasitas MC, Hidalgo Lara ME. Purification and characterization of two sugarcane bagasse-absorbable thermophilic xylanases from the mesophilic <i>Cellulomonas flavigena</i> . <i>Journal Of Industrial Microbiology &amp; Biotechnology</i> . Volumen: 34 Número: 4 Páginas: 331-338.	<a href="https://doi.org/10.1007/s10295-006-0202-4">https://doi.org/10.1007/s10295-006-0202-4</a>
28	2007	Solis Dominguez FA, Gonzalez Chavez MC, Carrillo Gonzalez R, Rodriguez Vázquez R. Accumulation and localization of cadmium in <i>Echinochloa polystachya</i> grown within a hydroponic system. <i>Journal Of Hazardous Materials</i> . Volumen: 141 Número: 3 Páginas: 630-636.	<a href="https://doi.org/10.1016/j.jhazmat.2006.07.014">https://doi.org/10.1016/j.jhazmat.2006.07.014</a>
29	2007	Ortega Clemente A, Marin Mezo G, Ponce Noyola MT, Montes Horcasitas MC, Caffarel Mendez S, Barrera Cortes J, Poggi Varaldo HM. Comparison of two continuous fungal bioreactors for posttreatment of anaerobically pretreated weak black liquor from kraft pulp mills. <i>Biotechnology And Bioengineering</i> . Volumen: 96 Número: 4 Páginas: 640-650.	<a href="https://doi.org/10.1002/bit.21134">https://doi.org/10.1002/bit.21134</a>
30	2007	Pedroza AM, Mosqueda R, Alonso Vante N, Rodriguez Vázquez R. Sequential treatment via <i>Trametes versicolor</i> and UV/TiO2/Ruxsey to reduce contaminants in waste water resulting from the bleaching process during paper production. <i>Chemosphere</i> . Volumen: 67 Número: 4 Páginas: 793-801.	<a href="https://doi.org/10.1016/j.chemosphere.2006.10.015">https://doi.org/10.1016/j.chemosphere.2006.10.015</a>
31	2007	Luna Velasco MA, Esparza Garcia FJ, Canizares Villanueva RO, Rodriguez Vázquez R. Production and properties of a bioemulsifier synthesized by phenanthrene-degrading <i>Penicillium</i> sp. <i>Process Biochemistry</i> . Volumen: 42 Número: 3 Páginas: 310-314.	<a href="https://doi.org/10.1016/j.procbio.2006.08.015">https://doi.org/10.1016/j.procbio.2006.08.015</a>
32	2007	Aguilar Lopez R, Martinez Guerra R. Robust state estimation for repetitive operating mode process: Application to sequencing batch reactors. <i>Chemical Engineering Journal</i> . Volumen: 126 Número: 2-3 Páginas: 155-161.	<a href="https://doi.org/10.1016/j.cej.2006.09.003">https://doi.org/10.1016/j.cej.2006.09.003</a>
33	2007	Beltran Hernandez RI, Luna Guido ML, Dendooven L. Emission of carbon dioxide and dynamics of inorganic N in a gradient of alkaline saline soils of the former lake Texcoco. <i>Applied Soil Ecology</i> . Volumen: 35 Número: 2 Páginas: 390-403.	<a href="https://doi.org/10.1016/j.apsoil.2006.07.005">https://doi.org/10.1016/j.apsoil.2006.07.005</a>
34	2007	Vasquez Murieta MS, Govaerts B, Dendooven L. Microbial biomass C measurements in soil of the central highlands of Mexico. <i>Applied Soil Ecology</i> . Volumen: 35 Número: 2 Páginas: 432-440.	<a href="https://doi.org/10.1016/j.apsoil.2006.06.005">https://doi.org/10.1016/j.apsoil.2006.06.005</a>

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## ARTICULOS EN REVISTAS JCR - 2007

No.	AÑO	AUTORES	LINK
35	2007	Govaerts B, Sayre KD, Lichter K, Dendooven L, Deckers J. Influence of permanent raised bed planting and residue management on physical and chemical soil quality in rain fed maize/wheat systems. <i>Plant And Soil</i> . Volumen: 291 Número: 1-2 Páginas: 39-54.	<a href="https://doi.org/10.1007/s11104-006-9172-6">https://doi.org/10.1007/s11104-006-9172-6</a>
36	2007	Mancera Lopez ME, Rodriguez Casasola MT, Rios Leal E, Esparza García FJ, Chavez Gomez B, Rodríguez Vázquez R, Barrera Cortes J. Fungi and bacteria isolated from two highly polluted soils for hydrocarbon degradation. <i>Acta Chimica Slovenica</i> . Volumen: 54 Número: 1 Páginas: 201-209.	<a href="https://www.semanticscholar.org/paper/Fungi-and-Bacteria-Isolated-from-Two-Highly-Soils-a-Barrera-Cortés/1ae5c3941562da13704a3533eeaa245b0271c906b">https://www.semanticscholar.org/paper/Fungi-and-Bacteria-Isolated-from-Two-Highly-Soils-a-Barrera-Cortés/1ae5c3941562da13704a3533eeaa245b0271c906b</a>
37	2007	Herrera Lopez D, Poggi Varaldo HM. A generalization of the model of reactions in series for reactor of complete mixture. <i>Afinidad</i> . Volumen: 64 Número: 527 Páginas: 41-47.	<a href="https://www.researchgate.net/publication/290203938_A_generalization_of_the_model_of_reactions_in_series_for_reactor_of_complete_mixture">https://www.researchgate.net/publication/290203938_A_generalization_of_the_model_of_reactions_in_series_for_reactor_of_complete_mixture</a>
38	2007	Armezua Vega C, Poggi Varaldo HM, Esparza Garcia FJ, Rios Leal E, Rodríguez Vázquez R. Effect of culture conditions on fatty acids composition of a biosurfactant produced by Candida ingens and changes of surface tension of culture media. <i>Bioresource Technology</i> . Volumen: 98 Número: 1 Páginas: 237-240.	<a href="https://doi.org/10.1016/j.biortech.2005.11.025">https://doi.org/10.1016/j.biortech.2005.11.025</a>
39	2007	Ruiz Medrano R, Moya JH, Xoconostle Cazares BG, Lucas WJ. Influence of cucumber mosaic virus infection on the mRNA population present in the phloem translocation stream of pumpkin plants. <i>Functional Plant Biology</i> . Volumen: 34 Número: 4 Páginas: 292-301.	<a href="https://doi.org/10.1071/FP06300">https://doi.org/10.1071/FP06300</a>
40	2007	Barrera Figueroa BE, Pena Castro JM, Acosta Gallegos JA, Ruiz Medrano R, Xoconostle Cazares BG. Isolation of dehydration-responsive genes in a drought tolerant common bean cultivar and expression of a group 3 late embryogenesis abundant mRNA in tolerant and susceptible bean cultivars. <i>Functional Plant Biology</i> . Volumen: 34 Número: 4 Páginas: 368-381.	<a href="https://doi.org/10.1071/FP06224">https://doi.org/10.1071/FP06224</a>
41	2007	Alvarez Bernat D, Contreras Ramos S, Marsch Moreno R, Dendooven L. Influence of catclaw Mimosa monancistra on the dissipation of soil PAHs. <i>International Journal Of Phytoremediation</i> . Volumen: 9 Número: 1-3 Páginas: 79-90.	<a href="https://doi.org/10.1080/15226510701232690">https://doi.org/10.1080/15226510701232690</a>
42	2007	Vivar Vera MA, Salazar Montoya JA, Calva Calva G, Ramos Ramirez EG. Extraction, thermal stability and kinetic behavior of pectinmethyl esterase from hawthorn ( <i>Crataegus pubescens</i> ) fruit. <i>Lwt-Food Science And Technology</i> . Volumen: 40 Número: 2 Páginas: 278-284.	<a href="https://doi.org/10.1016/j.lwt.2005.10.005">https://doi.org/10.1016/j.lwt.2005.10.005</a>
43	2007	Baruch I, Mariaca Gaspar CR, Cruz Vega I, Barrera Cortes J. Sliding mode control of a hydrocarbon degradation in biopile system using recurrent neural network model. <i>Micai 2007: Advances In Artificial Intelligence</i> . Colección: Lecture Notes in Artificial Intelligence Volumen: 4827 Páginas: 1184-+.	<a href="https://doi.org/10.1007/978-3-540-76631-5_113">https://doi.org/10.1007/978-3-540-76631-5_113</a>
44	2007	Vazquez Nunez E, Dendooven L, Marsch Moreno R. Analysis of profile of bacterial populations in a soil polluted with anthracene. <i>Progress In Environmental Science And Technology</i> , Vol I. Páginas: 1155-1158.	<a href="https://www.zhangjiaokeyan.com/academic-conference-foreign-progress-in-environmental-science-technology-thesis/020511181100.html">https://www.zhangjiaokeyan.com/academic-conference-foreign-progress-in-environmental-science-technology-thesis/020511181100.html</a>
45	2007	Ortega Clemente A, Ponce Noyola MT, Montes Horcasitas MC, Vicent MT, Barrera Cortes J, Poggi Varaldo HM. Semi-continuous treatment of recalcitrant anaerobic effluent from pulp and paper industry using hybrid pellets of <i>Trametes versicolor</i> . <i>Water Science And Technology</i> . Volumen: 55 Número: 6 Páginas: 125-133.	<a href="https://doi.org/10.2166/wst.2007.220">https://doi.org/10.2166/wst.2007.220</a>