

# BIOTECNOLOGÍA Y BIOINGENIERÍA

## ARTICULOS EN REVISTAS JCR - 2003

| No. | AÑO  | AUTORES  | LINK  |
|-----|------|--|---|
| 1   | 2003 | Tejeda Mansir A, Montesinos RM, Magana Plaza I, Guzman R. Breakthrough performance of stacks of dye-cellulosic fabric in affinity chromatography of lysozyme. <i>Bioprocess And Biosystems Engineering</i> . Volumen: 25 Número: 4 Páginas: 235-242.   | <a href="https://doi.org/10.1007/s00449-002-0302-0">https://doi.org/10.1007/s00449-002-0302-0</a>   |
| 2   | 2003 | Quinones Aguilar EE, Ferrera Cerrato R, Gavi Reyes F, Fernandez Linares L, Rodriguez Vázquez R, Alarcon A. Emergence and growth of maize in a crude oil polluted soil. <i>Agrociencia</i> . Volumen: 37 Número: 6 Páginas: 585-594.  | <a href="https://www.redalyc.org/pdf/302/30237604.pdf">https://www.redalyc.org/pdf/302/30237604.pdf</a>   |
| 3   | 2003 | Gutierrez Nava A, Herrera Herrera A, Mayorga Reyes L, Salgado LM, Ponce Noyola MT. Expression and characterization of the celclfB gene from Cellulomonas flavigena encoding an endo-beta-1,4-glucanase. <i>Current Microbiology</i> . Volumen: 47 Número: 5 Páginas: 359-363.  | <a href="https://doi.org/10.1007/s00284-002-4016-y">https://doi.org/10.1007/s00284-002-4016-y</a>   |
| 4   | 2003 | Vega Jarquin C, Garcia Mendoza M, Jablonowski N, Luna Guido M, Dendooven L. Rapid immobilization of applied nitrogen in saline-alkaline soils. <i>Plant And Soil</i> . Volumen: 256 Número: 2 Páginas: 379-388.  | <a href="https://doi.org/10.1023/A:1026182211065">https://doi.org/10.1023/A:1026182211065</a>   |
| 5   | 2003 | Chavez Gomez B, Quintero R, Esparza Garcia FJ, Mesta Howard AM, de la Serna FJZD, Hernandez Rodriguez CH, Gilten T, Poggi Varaldo HM, Barrera Cortes J, Rodriguez Vázquez R. Removal of phenanthrene from soil by co-cultures of bacteria and fungi pregrown on sugarcane bagasse pith. <i>Bioresource Technology</i> . Volumen: 89 Número: 2 Páginas: 177-183.                            | <a href="https://doi.org/10.1016/S0960-8524(03)00037-3">https://doi.org/10.1016/S0960-8524(03)00037-3</a>   |
| 6   | 2003 | Alzate Gavira LM, Perez Hernandez A, Nevezor Moorillon VG, Rinderknecht Sejas N, Poggi Varaldo HM. Comparison of two anaerobic coupled systems for biomethanization of the organic fraction of municipal solid wastes. <i>Interciencia</i> . Volumen: 28 Número: 8 Páginas: 436-.  | <a href="https://www.researchgate.net/publication/287629292_Comparison_of_two_an_aerobic_coupled_systems_for biomethanization_of_the_organic_fraction_of_municipal_solid_wastes">https://www.researchgate.net/publication/287629292_Comparison_of_two_an_aerobic_coupled_systems_for biomethanization_of_the_organic_fraction_of_municipal_solid_wastes</a> |
| 7   | 2003 | Conterras Flores C, Pena Castro JM, Flores Cotera LB, Canizares Villanueva RO. Advances in conceptual design of photobioreactors for microalgal culture. <i>Interciencia</i> . Volumen: 28 Número: 8 Páginas: 450-.  | <a href="https://www.researchgate.net/publication/290316900_Advances_in_conceptual_design_of_photobioreactors_for_microalgal_culture">https://www.researchgate.net/publication/290316900_Advances_in_conceptual_design_of_photobioreactors_for_microalgal_culture</a>   |
| 8   | 2003 | Sauret Gueto S, Ramos Valdivia AC, Ibanez E, Boronat A, Rodriguez Concepcion M. Identification of lethal mutations in Escherichia coli genes encoding enzymes of the methylerythritol phosphate pathway. <i>Biochemical And Biophysical Research Communications</i> . Volumen: 307 Número: 2 Páginas: 408-415.   | <a href="https://doi.org/10.1016/S0006-291X(03)01211-7">https://doi.org/10.1016/S0006-291X(03)01211-7</a>   |
| 9   | 2003 | Ramirez Lopez E, Hernandez JC, Dendooven L, Rangel P, Thalasso F. Characterization of five agricultural by-products as potential biofilter carriers. <i>Bioresource Technology</i> . Volumen: 88 Número: 3 Páginas: 259-263.   | <a href="https://doi.org/10.1016/S0960-8524(02)00315-2">https://doi.org/10.1016/S0960-8524(02)00315-2</a>   |
| 10  | 2003 | San Miguel Chavez R, Soto Hernandez M, Ramos Valdivia AC, Kite G, Martinez Vazquez M, Garcia, MD, Terrazas T. Production of alkaloids by <i>in vitro</i> culture of Erythrina americana Miller. <i>Biotechnology Letters</i> . Volumen: 25 Número: 13 Páginas: 1055-1059.  | <a href="https://doi.org/10.1023/A:1024142531691">https://doi.org/10.1023/A:1024142531691</a>   |
| 11  | 2003 | Avelar FJ, Martinez Pereda P, Thalasso F, Rodriguez Vázquez R, Alba J, Esparza Garcia FJ. Phenol removal in upgraded facultative waste stabilisation ponds. <i>Environmental Technology</i> . Volumen: 24 Número: 4 Páginas: 465-470.  | <a href="https://doi.org/10.1080/09593330309385581">https://doi.org/10.1080/09593330309385581</a>   |
| 12  | 2003 | Martinez Trujillo A, Perez Avalos O, Ponce Noyola MT. Enzymatic properties of a purified xylanase from mutant PN-120 of Cellulomonas flavigena. <i>Enzyme And Microbial Technology</i> . Volumen: 32 Número: 3-4 Páginas: 401-406.   | <a href="https://doi.org/10.1016/S0960-8524(02)00313-7">https://doi.org/10.1016/S0960-8524(02)00313-7</a>   |
| 13  | 2003 | Franco Hernandez O, McElligian Gonzalez AN, Lopez Olguin AM, Espinosa Ceron F, Escamilla Silva E, Dendooven L. Dynamics of carbon, nitrogen and phosphorus in soil amended with irradiated, pasteurized and limed biosolids. <i>Bioresource Technology</i> . Volumen: 87 Número: 1 Páginas: 93-102 Número de artículo: PII S0960-8524(02)00188-8.  | <a href="https://doi.org/10.1016/S0960-8524(02)00188-8">https://doi.org/10.1016/S0960-8524(02)00188-8</a>   |
| 14  | 2003 | Chavarria Hernandez N, Rodriguez Hernandez Al, Perez Guevara F, de la Torre Martinez M. Evolution of culture broth rheological properties during propagation of the entomopathogenic nematode Steinernema carpocapsae, in submerged monoxenic culture. <i>Biotechnology Progress</i> . Volumen: 19 Número: 2 Páginas: 405-409.   | <a href="https://doi.org/10.1021/bp025569d">https://doi.org/10.1021/bp025569d</a>   |
| 15  | 2003 | Rojas Andrade R, Cerda Garcia Rojas CM, Frias Hernandez JT, Dendooven L, Olalde Portugal V, Ramos Valdivia AC. Changes in the concentration of trigonelline in a semi-arid leguminous plant ( <i>Prosopis laevigata</i> ) induced by an arbuscular mycorrhizal fungus during the presymbiotic phase. <i>Mycorrhiza</i> . Volumen: 13 Número: 1 Páginas: 49-52.                             | <a href="https://doi.org/10.1007/s00572-002-0201-x">https://doi.org/10.1007/s00572-002-0201-x</a>   |
| 16  | 2003 | Luna Guido ML, Vega Estrada I, Ponce Mendoza A, Hernandez Hernandez H, Montes Horcasitas MC, Vaca Mier M, Dendooven L. Mineralization of C-14 labelled maize in alkaline saline soils. <i>Plant And Soil</i> . Volumen: 250 Número: 1 Páginas: 29-38.  | <a href="https://doi.org/10.1023/A:1022865728953">https://doi.org/10.1023/A:1022865728953</a>   |
| 17  | 2003 | Poggi Varaldo HM, Rinderknecht Sejas N. A differential availability enhancement factor for the evaluation of pollutant availability in soil treatments. <i>Acta Biologica</i> . Volumen: 23 Número: 2-3 Páginas: 271-280.  | <a href="https://doi.org/10.1002/abio.200390034">https://doi.org/10.1002/abio.200390034</a>   |
| 18  | 2003 | Valdez Castro L, Baruch I, Barrera Cortes J. Neural networks applied to the prediction of fed-batch fermentation kinetics of <i>Bacillus thuringiensis</i> . <i>Bioprocess And Biosystems Engineering</i> . Volumen: 25 Número: 4 Páginas: 229-233.  | <a href="https://doi.org/10.1007/s00449-002-0296-7">https://doi.org/10.1007/s00449-002-0296-7</a>   |
| 19  | 2003 | Roldan Carrillo T, Rodriguez Vázquez R, Diaz Cervantes D, Vazquez Torres H, Manzur Guzman A, Torres Dominguez A. Starch-based plastic polymer degradation by the white rot fungus <i>Phanerochaete chrysosporium</i> grown on sugarcane bagasse pith: enzyme production. <i>Bioresource Technology</i> . Volumen: 86 Número: 1 Páginas: 1-5 Número de artículo: PII S0960-8524(02)00142-6. | <a href="https://doi.org/10.1016/S0960-8524(02)00142-6">https://doi.org/10.1016/S0960-8524(02)00142-6</a>   |
| 20  | 2003 | Rojas Avelizapa NG, Martinez Cruz J, Lis JAZE, Rodriguez Vázquez R. Levels of polychlorinated biphenyls in Mexican soils and their biodegradation using bioaugmentation. <i>Bulletin Of Environmental Contamination And Toxicology</i> . Volumen: 70 Número: 1 Páginas: 63-70.   | <a href="https://doi.org/10.1007/s00128-002-0156-9">https://doi.org/10.1007/s00128-002-0156-9</a>   |
| 21  | 2003 | Hernandez Gutierrez R, Ortega Lopez J, Arroyo R. A 39-kDa cysteine proteinase CP39 from <i>Trichomonas vaginalis</i> , which is negatively affected by iron may be involved in trichomonial cytotoxicity. <i>Journal Of Eukaryotic Microbiology</i> . Volumen: 50 Páginas: 696-698.  | <a href="https://doi.org/10.1111/j.1550-7408.2003.tb00692.x">https://doi.org/10.1111/j.1550-7408.2003.tb00692.x</a>   |
| 22  | 2003 | Alba J, Conde E, Pérez Guevara F. Degradation of the main components of cellulose-paint thinner by the mould <i>Scopulariopsis brevicaulis</i> cultured on rice hulls. <i>Letters In Applied Microbiology</i> . Volumen: 37 Número: 1 Páginas: 7-11.   | <a href="https://doi.org/10.1046/j.1472-765X.2003.01301.x">https://doi.org/10.1046/j.1472-765X.2003.01301.x</a>   |
| 23  | 2003 | Rincon Rosales R, Culebro Espinosa NR, Gutierrez Miceli FA, Dendooven L. Scarification of seeds of <i>Acacia angustissima</i> (Mill.) Kuntze and its effect on germination. <i>Seed Science And Technology</i> . Volumen: 31 Número: 2 Páginas: 301-307.   | <a href="https://doi.org/10.15258/sst.2003.31.2.07">https://doi.org/10.15258/sst.2003.31.2.07</a>   |
| 24  | 2003 | Amezcua Atlieri MA, Lead JR, Metendez Estrada J, Rodriguez Vázquez R. Phenanthrene removal in a selected Mexican soil by the fungus <i>Penicillium frequentans</i> : Role of C : N ratio and water content. <i>Soil &amp; Sediment Contamination</i> . Volumen: 12 Número: 3 Páginas: 387-399.   | <a href="https://doi.org/10.1080/713610979">https://doi.org/10.1080/713610979</a>   |
| 25  | 2003 | Estrada Vazquez C, Macarie H, Kato MT, Rodriguez Vázquez R, Esparza Garcia FJ, Poggi Varaldo HM. The effect of the supplementation with a primary carbon source on the resistance to oxygen exposure of methanogenic sludge. <i>Water Science And Technology</i> . Volumen: 48 Número: 6 Páginas: 119-124.   | <a href="https://doi.org/10.2166/wst.2003.0374">https://doi.org/10.2166/wst.2003.0374</a>   |
| 26  | 2003 | Carrión M, Asaff A, Thalasso F. Respiration rate measurement in a submerged fixed bed reactor. <i>Water Science And Technology</i> . Volumen: 47 Número: 5 Páginas: 201-204.   | <a href="https://pubmed.ncbi.nlm.nih.gov/12701929/">https://pubmed.ncbi.nlm.nih.gov/12701929/</a>   |