

No.	AÑO	AUTORES	LINK
1	2010	Mata Machuca JL, Martinez Guerra R, Aguilar Lopez R. An exponential polynomial observer for synchronization of chaotic systems. <i>Communications In Nonlinear Science And Numerical Simulation</i> . Volumen: 15 Número: 12 Páginas: 4114-4130.	https://doi.org/10.1016/j.cnsns.2010.01.040
2	2010	Ruiz Sanchez J, Flores Bustamante ZR, Dendooven L, Favela Torres E, Soca Chafre G, Galindez Mayer J, Flores Cotera LB. A comparative study of Taxol production in liquid and solid-state fermentation with <i>Nigrospora</i> sp a fungus isolated from <i>Taxus globosa</i> . <i>Journal Of Applied Microbiology</i> . Volumen: 109 Número: 6 Páginas: 2144-2150.	https://doi.org/10.1111/j.1365-2672.2010.04846.x
3	2010	Alcantara Hernandez RJ, Rodriguez Alvarez JA, Valenzuela Encinas C, Gutierrez Miceli FA, Castanon Gonzalez H, Marsch Moreno R, Ayora Talavera T, Dendooven L. The bacterial community in 'taberna' a traditional beverage of Southern Mexico. <i>Letters In Applied Microbiology</i> . Volumen: 51 Número: 5 Páginas: 558-563.	https://doi.org/10.1111/j.1472-765X.2010.02934.x
4	2010	Quijano G, Chavez Avila R, Munoz R, Thalasso F, Ordaz A. K(L)a measurement in two-phase partitioning bioreactors: new insights on potential errors at low power input. <i>Journal Of Chemical Technology And Biotechnology</i> . Volumen: 85 Número: 10 Páginas: 1407-1412.	https://doi.org/10.1002/jctb.2460
5	2010	Mendez Bautista J, Fernandez Luqueno F, Lopez Valdez F, Mendoza Cristino R, Montes Molina JA, Gutierrez Miceli FA, Dendooven L. Effect of pest controlling neem and mata-raton leaf extracts on greenhouse gas emissions from urea-amended soil cultivated with beans: A greenhouse experiment. <i>Science Of The Total Environment</i> . Volumen: 408 Número: 21 Páginas: 4961-4968.	https://doi.org/10.1016/j.scitotenv.2010.07.024
6	2010	Morales Fonseca D, Ruiz Tovar K, Martinez Salgado MM, Soto Guzman AB, Falcony Guajardo C, Rodriguez Vázquez R, Pedroza Rodriguez AM. Development of a laminar bioadsorbent with hypotolerant <i>Phanerochaete chrysosporium</i> to Cd, Ni and Pb for wastewater treatment. <i>Revista Iberoamericana De Micología</i> . Volumen: 27 Número: 3 Páginas: 111-118.	https://doi.org/10.1016/j.riam.2010.02.002
7	2010	Ponce Mendoza A, Ceballos Ramirez JM, Gutierrez Miceli F, Dendooven L. Emission of nitrous oxide and carbon dioxide from semi-arid tropical soils in chiapas Mexico. <i>Revista Brasileira De Ciencia Do Solo</i> . Volumen: 34 Número: 5 Páginas: 1617-1628.	https://doi.org/10.1590/S0100-06832010000500015
8	2010	Ruiz Valdiviezo VM, Luna Guido M, Galzy A, Gutierrez Miceli FA, Dendooven L. Greenhouse gas emissions and C and N mineralization in soils of Chiapas (Mexico) amended with leaves of <i>Jatropha curcas</i> L. <i>Applied Soil Ecology</i> . Volumen: 46 Número: 1 Páginas: 17-25.	https://doi.org/10.1016/j.apsoil.2010.06.002
9	2010	Coutinho Gonzalez E, Hernandez Carlos B, Gutierrez Ortiz R, Dendooven L. The earthworm <i>Eisenia fetida</i> accelerates the removal of anthracene and 9, 10-anthraquinone, the most abundant degradation product, in soil. <i>International Biodeterioration & Biodegradation</i> . Volumen: 64 Número: 6 Páginas: 525-529.	https://doi.org/10.1016/j.ibiod.2010.05.002
10	2010	Aguilar Ibanez C, Martinez Guerra R, Aguilar Lopez R, Mata Machuca JL. Synchronization and parameter estimations of an uncertain Rikitake system. <i>Physics Letters A</i> . Volumen: 374 Número: 35 Páginas: 3625-3628.	https://doi.org/10.1016/j.physleta.2010.06.056
11	2010	Hernandez M, Quijano G, Thalasso F, Dangulis AJ, Villaverde S, Munoz R. A Comparative Study of Solid and Liquid Non-Aqueous Phases for the Biodegradation of Hexane in Two-Phase Partitioning Bioreactors. <i>Biotechnology And Bioengineering</i> . Volumen: 106 Número: 5 Páginas: 731-740.	https://doi.org/10.1002/bit.22748
12	2010	Flores Bustamante ZR, Rivera Orduna FN, Martinez Cardenas A, Flores Cotera LB. Microbial pacitaxel: advances and perspectives. <i>Journal Of Antibiotics</i> . Volumen: 63 Número: 8 Páginas: 460-467.	https://doi.org/10.1038/ja.2010.83
13	2010	Aguilar Lopez R, Pena Caballero V, Neria Gonzalez MI. Control of a Class of Sulfate Reducing Chemostat Via Feedback Polynomial Injection. <i>Journal Of Applied Research And Technology</i> . Volumen: 8 Número: 2 Páginas: 274-287.	https://doi.org/10.22201/icat.16656423.2010.8.02.482
14	2010	Perez Armendariz B, Martinez Carrera D, Calixto Mosqueda M, Alba J, Rodriguez Vázquez R. Filamentous fungi remove weathered hydrocarbons from polluted soil of tropical Mexico. <i>Revista Internacional De Contaminacion Ambiental</i> . Volumen: 26 Número: 3 Páginas: 193-199.	https://www.scielo.org.mx/scielo.php?script=sci_arttext&pid=S0188-49992010000300002
15	2010	Lopez Valdez F, Fernandez Luqueno F, Luna Guido ML, Marsch Moreno R, Olalde Portugal V, Dendooven L. Microorganisms in sewage sludge added to an extreme alkaline saline soil affect carbon and nitrogen dynamics. <i>Applied Soil Ecology</i> . Volumen: 45 Número: 3 Páginas: 225-231.	https://doi.org/10.1016/j.apsoil.2010.04.009
16	2010	Amaya Delgado L, Mejia Castillo T, Santiago Hernandez A, Vega Estrada J, Amelia FGS, Xoconostle Cazares BG, Ruiz Medrano R, Montes Horcasitas MC, Hidalgo Lara ME. Cloning and expression of a novel, moderately thermostable xylanase-encoding gene (Clt xyn11A) from <i>Cellulomonas flavigena</i> . <i>Bioresource Technology</i> . Volumen: 101 Número: 14 Páginas: 5539-5545.	https://doi.org/10.1016/j.biortech.2010.02.057
17	2010	Vazquez Larios AL, Solorza Feria O, Vazquez Huerta G, Esparza Garcia FJ, Rios Leal E, Rinderknecht Seijas N, Poggi Varaldo HM. A New Design Improves Performance of a Single Chamber Microbial Fuel Cell. <i>Journal Of New Materials For Electrochemical Systems</i> . Volumen: 13 Número: 3 Número especial: SI Páginas: 219-226.	https://doi.org/10.14447/jmes.v13i3.162
18	2010	Ceja Navarro JA, Rivera Orduna FN, Patino Zuniga L, Vila Sanjurjo A, Crossa J, Govaerts B, Dendooven L. Phylogenetic and Multivariate Analyses To Determine the Effects of Different Tillage and Residue Management Practices on Soil Bacterial Communities. <i>Applied And Environmental Microbiology</i> . Volumen: 76 Número: 11 Páginas: 3685-3691.	https://doi.org/10.1128/AEM.02726-09
19	2010	Rodriguez Meza M, Chavez Gomez B, Poggi Varaldo HM, Rios Leal E, Barrera Cortes J. Design of a new rotating drum bioreactor operated at atmospheric pressure on the bioremediation of a polluted soil. <i>Bioprocess And Biosystems Engineering</i> . Volumen: 33 Número: 5 Páginas: 573-582.	https://doi.org/10.1007/s00449-009-0383-0
20	2010	Franco Hernandez MO, Vasquez Murrieta MS, Patino Siciliano A, Dendooven L. Heavy metals concentration in plants growing on mine tailings in Central Mexico. <i>Bioresource Technology</i> . Volumen: 101 Número: 11 Páginas: 3864-3869.	https://doi.org/10.1016/j.biortech.2010.01.013
21	2010	Fernandez Luqueno F, Reyes Varela V, Cervantes Santiago F, Gomez Juarez C, Santillan Arias A, Dendooven L. Emissions of carbon dioxide, methane and nitrous oxide from soil receiving urban wastewater for maize (<i>Zea mays</i> L.) cultivation. <i>Plant And Soil</i> . Volumen: 331 Número: 1-2 Páginas: 203-215.	https://doi.org/10.1007/s11104-009-0246-0
22	2010	Dendooven L, Alcantara Hernandez RJ, Valenzuela Encinas C, Luna Guido M, Pérez Guevara F, Marsch Moreno R. Dynamics of carbon and nitrogen in an extreme alkaline saline soil: A review. <i>Soil Biology & Biochemistry</i> . Volumen: 42 Número: 6 Páginas: 865-877.	https://doi.org/10.1016/j.soilbio.2010.02.014
23	2010	Ortega Larrocea MD, Xoconostle Cazares BG, Maldonado Mendoza IE, Carrillo Gonzalez R, Hernandez Hernandez J, Garduno MD, Lopez Meyer M, Gomez Flores L, Gonzalez Chavez MDA. Plant and fungal biodiversity from metal mine wastes under remediation at Zimapan, Hidalgo, Mexico. <i>Environmental Pollution</i> . Volumen: 158 Número: 5 Páginas: 1922-1931.	https://doi.org/10.1016/j.envpol.2009.10.034
24	2010	Rojas Oropeza M, Dendooven L, Garza Avendano L, Souza V, Philippot L, Cabrol N. Effects of biosolids application on nitrogen dynamics and microbial structure in a saline-sodic soil of the former Lake Texcoco (Mexico). <i>Bioresource Technology</i> . Volumen: 101 Número: 7 Páginas: 2491-2498.	https://doi.org/10.1016/j.biortech.2009.10.088
25	2010	Mata Machuca JL, Martinez Guerra R, Aguilar Lopez R. Monitoring in a predator-prey systems via a class of high order observer design. <i>Biosystems</i> . Volumen: 100 Número: 1 Páginas: 65-69.	https://doi.org/10.1016/j.biosystems.2010.01.003
26	2010	Ceja Navarro JA, Rivera FN, Patino Zuniga L, Govaerts B, Marsch Moreno R, Vila Sanjurjo A, Dendooven L. Molecular characterization of soil bacterial communities in contrasting zero tillage systems. <i>Plant And Soil</i> . Volumen: 329 Número: 1-2 Páginas: 127-137.	https://doi.org/10.1007/s11104-009-0140-9
27	2010	Aguilar Lopez R, Lopez Perez PA, Neria Gonzalez MI, Dominguez Bocanegra AR. Observer based adaptive model for a class of aerobic batch bioreactor. <i>Revista Mexicana De Ingenieria Quimica</i> . Volumen: 9 Número: 1 Páginas: 29-35.	https://www.redalyc.org/articulo.oa?id=62016243004
28	2010	Fuentes M, Govaerts B, Hidalgo C, Etchevers J, Gonzalez Martin I, Hernandez Hierro JM, Sayre KD, Dendooven L. Organic carbon and stable C-13 isotope in conservation agriculture and conventional systems. <i>Soil Biology & Biochemistry</i> . Volumen: 42 Número: 4 Páginas: 551-557.	https://doi.org/10.1016/j.soilbio.2009.11.020
29	2010	Oliva Llaven MA, Rodriguez Hernandez L, Mendoza Nazar P, Ruiz Sesma B, Alvarez Solis JD, Dendooven L, Gutierrez Miceli FA. Optimization of worm-bed leachate for culturing of tomato (<i>Lycopersicon esculentum</i> Mill) inoculated with <i>Glomus fasciculatum</i> and <i>Pseudomonas fluorescens</i> . <i>Electronic Journal Of Biotechnology</i> . Volumen: 13 Número: 2 Número de artículo: 2.	https://doi.org/10.2225/vol13-issue2-fulltext-2
30	2010	Quijano G, Rocha Rios J, Hernandez M, Villaverde S, Revah S, Munoz R, Thalasso F. Determining the effect of solid and liquid vectors on the gaseous interfacial area and oxygen transfer rates in two-phase partitioning bioreactors. <i>Journal Of Hazardous Materials</i> . Volumen: 175 Número: 1-3 Páginas: 1085-1089.	https://doi.org/10.1016/j.jhazmat.2009.10.020
31	2010	Chavez Cabrera C, Flores Bustamante ZR, Marsch Moreno R, Montes Horcasitas MC, Sanchez S, Cancino Diaz JC, Flores Cotera LB. ATP-citrate lyase activity and carotenoid production in batch cultures of <i>Phaffia rhodozyma</i> under nitrogen-limited and nonlimited conditions. <i>Applied Microbiology And Biotechnology</i> . Volumen: 85 Número: 6 Páginas: 1953-1960.	https://doi.org/10.1007/s00253-009-2271-6
32	2010	Quijano G, Ordaz A, Munoz R, Thalasso F. New insights on O-2 uptake mechanisms in two-phase partitioning bioreactors. <i>Biotechnology Letters</i> . Volumen: 32 Número: 2 Páginas: 223-228.	https://doi.org/10.1007/s10529-009-0146-7

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33	2010	Gutierrez Miceli FA, Arias L, Juarez Rodríguez N, Abud Archila M, Amaro Reyes A, Dendooven L. Optimization of growth regulators and silver nitrate for micropropagation of <i>Dianthus caryophyllus</i> L. with the aid of a response surface experimental design. In <i>Vitro Cellular & Developmental Biology-Plant</i> . Volumen: 46 Número: 1 Páginas: 57-63.	https://doi.org/10.1007/s11627-009-9259-x
34	2010	Aguilar Lopez R, Martinez Guerra R, Puebla H, Hernandez Suarez R. High order sliding-mode dynamic control for chaotic intracellular calcium oscillations. <i>Nonlinear Analysis-Real World Applications</i> . Volumen: 11 Número: 1 Páginas: 217-231.	https://doi.org/10.1016/j.nonrwa.2008.10.054
35	2010	Ramon Luing LA, Rendon Gandarilla FJ, Cardenas Guerra RE, Rodriguez Cabrera NA, Ortega Lopez J, Avila Gonzalez L, Angel Ortiz C, Herrera Sanchez CN, Mendoza Garcia M, Arroyo R. Immunoproteomics of the active degradome to identify biomarkers for <i>Trichomonas vaginalis</i> . <i>Proteomics</i> . Volumen: 10 Número: 3 Páginas: 435-444.	https://doi.org/10.1002/pmic.200900479
36	2010	Quijano G, Hernandez M, Villaverde S, Thalasso F, Munoz R. A step-forward in the characterization and potential applications of solid and liquid oxygen transfer vectors. <i>Applied Microbiology And Biotechnology</i> . Volumen: 85 Número: 3 Páginas: 543-551.	https://doi.org/10.1007/s00253-009-2146-x
37	2010	Ramirez Lopez EM, Corona Hernandez J, Avelar Gonzalez FJ, Omil F, Thalasso F. Biofiltration of methanol in an organic biofilter using peanut shells as medium. <i>Bioresource Technology</i> . Volumen: 101 Número: 1 Páginas: 87-91.	https://doi.org/10.1016/j.biortech.2008.10.064
38	2010	Fernandez Luqueno F, Reyes Varela V, Martinez Suarez C, Salomon Hernandez G, Yanez Meneses J, Ceballos Ramirez JM, Dendooven L. Effect of different nitrogen sources on plant characteristics and yield of common bean (<i>Phaseolus vulgaris</i> L.). <i>Bioresource Technology</i> . Volumen: 101 Número: 1 Páginas: 396-403.	https://doi.org/10.1016/j.biortech.2009.07.058
39	2010	Reyna Velarde R, Cristiani Urbina E, Hernandez Melchor DJ, Thalasso F, Canizares Villanueva RO. Hydrodynamic and mass transfer characterization of a flat-panel airlift photobioreactor with high light path. <i>Chemical Engineering And Processing-Process Intensification</i> . Volumen: 49 Número: 1 Páginas: 97-103.	https://doi.org/10.1016/j.cep.2009.11.014
40	2010	Coello CY, Miceli CL, Orantes C, Dendooven L, Gutierrez FA. Plant growth regulators optimization for in vitro cultivation of the orchid <i>Guarianthe skinneri</i> (Bateman) Dressier & WEHiggins. <i>Gayana Botanica</i> . Volumen: 67 Número: 1 Páginas: 19-26.	https://www.researchgate.net/publication/28854573_Plant_growth_regulators_optimization_for_in_vitro_cultivation_of_the_orchid_Guarianthe_skinneri_Bateman_Dressier_WEHiggins
41	2010	Aguilar Lopez R, Mata Machuca J, Martinez Guerra R. On the Observability for a Class of Nonlinear (Bio)chemical Systems. <i>International Journal Of Chemical Reactor Engineering</i> . Volumen: 8 Número de artículo: A3.	https://doi.org/10.2202/1542-6580.2052
42	2010	Aguilar Lopez R, Jimenez Garcia G, Maya Yescas R. Modelling Catalyst Deactivation by External Coke Deposition during Fluid Catalytic Cracking. <i>International Journal Of Chemical Reactor Engineering</i> . Volumen: 8 Número de artículo: S2.	https://doi.org/10.2202/1542-6580.2198
43	2010	Hernandez M, Gouveia J, Quijano G, Thalasso F, Villaverde S, Munoz R. A systematic study of the influence on microbial kinetics of the presence of an organic phase during microbial isolation. <i>Nose 2010: International Conference On Environmental Odour Monitoring And Control</i> . Colección: <i>Chemical Engineering Transactions</i> Volumen: 23 Páginas: 375-380.	https://doi.org/10.3303/CET1023063
44	2010	Baruch I, Mariaca Gaspar CR, Barrera Cortes J, Castillo O. Direct and Indirect Neural Identification and Control of a Continuous Bioprocess via Marquardt Learning. <i>Soft Computing For Intelligent Control And Mobile Robotics</i> . Colección: <i>Studies in Computational Intelligence</i> Volumen: 318 Páginas: 81-102.	https://doi.org/10.1007/978-3-642-15534-5_6