

Area	Code	Title	Author	Co authors
Renewable and Alternative Energies and Biorefineries	01-06	Improvement of endoglucanase production by <i>Cellulomonas</i> sp. B6 using experimental design	Demarchi Mendes T.	Florencia E. Piccinni, Thálya Fraga Pacheco, Thaís Fabiana Chan Salum, Paola Talia, Eleonora Campos, Mónica Caraméz Triches Damaso
Renewable and Alternative Energies and Biorefineries	01-10	Characterization of a <i>Paenibacillus</i> sp. A59 endo-xylanase for hemicellulose bioconversion	Ghio S.	D. H. Grasso, E. Campos
Renewable and Alternative Energies and Biorefineries	01-12	IHF controla la producción de bioelectricidad en <i>Geobacter sulfurreducens</i> a través de controlar la biosíntesis del pili	Hernández Eligio J.A.	Andrade Ángel, Olvera Maricela, Juárez López Katy
Renewable and Alternative Energies and Biorefineries	01-17	Influence of inoculum in hydrogen production from cheese whey powder, isolated lactose and dairy wastewater.	Macário S.C.A.	W.V. Macêdo, G.P. Lima, G.L.T. Aquino, L.Q. Barbosa, T.G.A. Tavares, E.L.C. Amorim
Renewable and Alternative Energies and Biorefineries	01-19	Agriculture waster for extracellular enzymes production for soil remediation	Nava-Reyna E.	Illná, A., Michelena-Alvarez, G., Aguilar-González, C.N., Martínez-Hernández, J.L.
Renewable and Alternative Energies and Biorefineries	01-27	Facetted Platinum Electrocatalysts for Fuel Cells Applications	Ramos S.	G. Andreasen, W. E. Triaca
Renewable and Alternative Energies and Biorefineries	01-35	Effect of progressive organic loading rate over biobutanol production in anaerobic reactor using biodiesel waste as carbon source	Salles R.	Silva, C, Bassan, J, Monti, R, Zaiat, M, Varesche, B, Peixoto, G
Renewable and Alternative Energies and Biorefineries	01-37	Series Hydrogenogenic and methanogenic fermentation of waste disposable diapers	Sotelo-Navarro P.X.	Héctor M. Poggi-Valardo, Sylvie J. Turpin-Marion, Rosa M. Espinosa- Vardemehr, Alethia Vázquez-Morillas, Margarita Beltrán-Villavicencio
Renewable and Alternative Energies and Biorefineries	01-38	Oxidación simultánea de amonio y compuestos fenólicos con mezcla en un reactor SBR	Suárez García L.I.	F. M. Cuervo López, A.-C. Texier
Renewable and Alternative Energies and Biorefineries	01-40	Microbial fuel cells equipped with anion exchange membrane used for treating actual leachates	Hernández-Flores G.	H. M. Poggi-Valardo, T. Romero Castañón, O. Solorza Feria
Renewable and Alternative Energies and Biorefineries	01-41	Enhanced photocatalytic activity of ZnO/TiO ₂ nanostructures fabricated by a novel electrostatically modified electrospinning technique.	Ramos Apestegui P.	Noé J. Morales, Roberto Candal, Mirabhos Højamberdiev, J. Rodriguez
Renewable and Alternative Energies and Biorefineries	01-42	Enrichment of microbial cultures for using in the cathodic and anodic chambers of a biocathode microbial fuel cell	Borbolla-Gaxiola J. E.	Poggi-Valardo H. M., Ponce-Noyola M.T., Solorza-Feria O., Hernández-Flores G.
Renewable and Alternative Energies and Biorefineries	01-46	Biorefinery of waste lemon peel using cold adapted yeasts from Antarctic and sub-Antarctic regions	Albanesi A	I Cavello, D. Fratebianchi, A. Martinez, G Garmendia, S Vero, S Cavalitto
Sustainability and Environmental System Analysis	02-01	Alianzas público-privadas para la transformación productiva empresarial: el caso de RedES-CAR	Arango Ramírez A.	Juan Carlos Quintero Vélez
Sustainability and Environmental System Analysis	02-06	Typology and socio-economic logic of cropping systems in Sub-Saharan agro-ecosystems of Burkina Faso	HIEN E.	Koulibi Fidèle ZONGO, Jean-Jacques DREVON, Didier BLAVET, Dominique MASSE, Cathy CLERMONT-DAUPHIN
Sustainability and Environmental System Analysis	02-09	Producción de lactobacilos empleando hidrolizados proteicos de desperdicios de camarón y su empleo en la extracción de quitina.	Silva Castro A.I.	J. Rojas-Osnaya, M. Quintana-Quirino, R. Aranday, Z. Rocha Pino, C. Hernández-Valencia, K. Shirai
Soil and Sediment Remediation	03-02	Ability of a mixed culture of soil <i>Streptomyces</i> spp. to remove organophosphorus pesticides from environmental matrices	Briçoño G.	Schalchli H., Vergara K., Diez M.C
Soil and Sediment Remediation	03-05	Hongos saprofitos y micorrizicos en la disminución del estrés en plantas cultivadas en un suelo contaminado por actividad minera	Fuentes A.	Ortiz J, Soto J., Lagos C., Almonacid L., Osses F., Arriagada C.
Soil and Sediment Remediation	03-09	Selection of thermophilic strains in the presence of different mixtures of hydrocarbons	Guevara-Luna J.	Rodríguez Barera M.A., Toribio-Jiménez J., Alvaréz Fitz P., Romero-Ramírez Y.
Soil and Sediment Remediation	03-11	Enhanced dissipation of polycyclic aromatic hydrocarbons by plants inoculated with saprophytic and arbuscular mycorrhizal fungi	Lagos C.	Larsen J., Arriagada C.
Soil and Sediment Remediation	03-14	Uptake of trace metals by topinambur tubers and tomato fruits	Papa S.	Bartoli G., Del Vecchio A., Schiavone T., Carrillo P., Fioletto A.
Soil and Sediment Remediation	03-19	Biosurfactantes en la eliminación de contaminantes orgánicos de suelos y aguas	Téllez Cortés I.	G. Calva Calva; G. Zafra Jiménez G; S. E. Viguerras Carmona; J. Pérez Vargas
Soil and Sediment Remediation	03-22	Efectos del grado de contaminación y de la remediación por biolixiviación en la composición mineral y textural de sedimentos contaminados del Río Reconquista	Tufo, A.	Porzionato, N., Curutchet, G
Groundwater and Aquifer Remediation	04-01	Low-cost production of PAHs removal systems	Alessandrello M.J.	Juárez Tomás M.S., Vullo D.L., Ferrero M.A.
Groundwater and Aquifer Remediation	04-09	Caracterización de aislamientos bacterianos en función de su capacidad oxidante de Mn (II) y formadora de biofilms	Piazza, A.	Ciancio, L., Pacini, V., Ingalinella, A.M., Sanguineti, G., Ottado, J., Gottig, N.
Groundwater and Aquifer Remediation	04-13	Adsorption of crystal violet on montmorillonite: in situ kinetic adsorption and structural complexes formation studies	Marco-Brown	Guz, Schampera, Torres Sanchez, Candal
Green Materials and Biomaterials	05-02	Development of green hygienic coating based on essential oil microcapsules	Bogdan S.	C. Deyá, R. Romagnoli, M.V. Revuelta
Green Materials and Biomaterials	05-05	Improved strength and durability of concrete through metabolic activity of ureolytic bacteria	Castro Alonso M. J.	S.O. Garcia Perez, R. Narayanasamy, G.J. Fajardo San Miguel, H. Herrera Hernández, N. Balagurusamy
Green Materials and Biomaterials	05-08	Producción de ácido L(+) láctico empleando efluentes industriales como materia prima renovable	Comelli R. N.	P. Kemerer, M.T. Benzzo, L.G. Seluy, M.A. Isla
Green Materials and Biomaterials	05-11	Remoción de la carga contaminante y producción de aroma a rosas (2-feniletanol) a partir de lactosuero con <i>Kluveromyces marxianus</i>	Conde-Báez L.	Díaz Batalla L., López Molina A. y Gómez-Aldapa C.
Green Materials and Biomaterials	05-14	Extractos proteolíticos de especies de la familia Bromelaceae como herramientas eco-compatibles para la industria del cuero	Errasti M. E.	Caffini, N.O., López, L.M.I.
Green Materials and Biomaterials	05-19	Estudio de nanocompuestos de almidón termoplástico reforzados con bentonita modificada obtenidos mediante extrusión reactiva	Guarás M. P.	L. N. Ludueña, V. A. Alvarez
Green Materials and Biomaterials	05-20	Incorporación de nanobarras de ZnO de diferente tamaño a films de almidón y su efecto en la biodegradabilidad e hidrofiliidad	Guz L.	Candal R, Goyanes S
Green Materials and Biomaterials	05-25	Absorption test of nanohybrid composite used as post-harvest pesticide on potato (<i>Solanum tuberosum</i> L.)	Morales-Irigoyen E. E.	Yolanda de las Mercedes Gómez y Gómez , Jorge Luis Flores Moreno, Marina Olivia Franco Hernández
Green Materials and Biomaterials	05-31	Nanoaptasensor para la detección de E. Coli an agua potable: modificación de NTC para alta sensibilidad	VELAZQUEZ E. K.	I. Morales Reyes; F. Ramires Vives, M. Picquart, A. Abad Sánchez, O. Monroy Hermsillo, N. Batina
Green Materials and Biomaterials	05-33	Biological Plywoods: Self-Assembly, Structure and Functionality	Alejandro Rey	Pardis Roffouie, O. Aguilar-Gutierrez
Solid and Hazardous Waste Management and Treatment	06-02	Evaluation of polyester polyurethane degradation ability of some fungi of the CEQCA	Bautista D.	Narváz-Trujillo, A.
Solid and Hazardous Waste Management and Treatment	06-04	Study of the spent ion exchange resins pyrolysis treatment and plasma conditioning of the off-gas	Castro H. A.	Luca, V., Bianchi, H. L.
Microbial Ecology	07-01	Impact of untreated urban wastes on bacterial community structure and antibiotic resistance genes in agricultural soils from Ouagadougou	Salomon B.	Josselin B., Edmond H., Elisabeth B., Sabine F-B., Aboubacar S. O. and Sylvie N.
Microbial Ecology	07-04	Deepening our knowledge of the Phylum Chloroflexi in wastewater treatment systems	Patricia Bovio	Agustina Ziliani, Angeline Saadoun, Claudia Etchebehere, Angela Cabezas
Microbial Ecology	07-05	Evaluación de la resistencia bacteriana a metales pesados en aguas superficiales de la Cuenca del Río Reconquista, Argentina	A.J. González*	N. Gorino, M.S. Fortunato, C. Lorena, C. Gómez, S. Korol, A. Gallego
Microbial Ecology	07-08	Biodiversity changes in response to feeding on three lignocellulosic diets in <i>Anthonomus grandis</i>	E. Ben Guerrero	R. Salvador, M. Soría, J. Ceja-Navarro, E. Campos, E. Brodie and P. Talia
Microbial Ecology	07-09	Influence of As(V) on biofilms diversity formed on different substrata.	S.E. Rastelli	M.R. Viera
Microbial Ecology	07-14	Evaluation of bacteria associated with PM2.5 Particulate Matter captured in the Aburrá Valley, Antioquia – Colombia	D. A. Nanclares	D. A. Grajales, L. M. Silva-Bedoya, M. Suarez O. I. Montoya, C. E. Zapata, C. X. Moreno-Herrera
Molecular Biology Applications to Environmental Problems	08-01	Soybean metallothionein potential for bioremediation processes	J. Carrillo	M.S. Gomez, M.V. Busí and M.A. Paganí
Molecular Biology Applications to Environmental Problems	08-02	Identification of iron-reducing bacteria from river sediments by 16S rRNA	A.M. Hernández-Núñez	P. Pavón-Orozco, A.C. Ortega-Martínez, K. Juárez López
Molecular Biology Applications to Environmental Problems	08-04	Monitoreo de los microorganismos involucrados en el ciclo del nitrógeno en dos reactores de un sistema de tratamiento de efluentes de una industria vitivinícola	Agustina Ziliani	Angeline Saadoun, Claudia Etchebehere, Angela Cabezas
Wastewater Treatment	09-03	Formation of aerobic granules in sequencing batch reactors applied for diluted domestic wastewater	Araújo Juliana M.P	Pollana M. J. Silva, Oucilane I. M. Alves , Sávia Gavazza, Mário T. Kato ,Lourdirha Florêncio
Wastewater Treatment	09-04	Coupling of electrochemical and biological processes for mineralization of 2-chlorophenol	Arellano-González M.A	I. González and A-C. Texier
Wastewater Treatment	09-08	Producción de ácido acético a partir de efluentes de la industria de producción de sidra	Bracalenti M.A	L.G. Seluy , R. N. Comelli , M.T. Benzzo, M.A. Isla
Wastewater Treatment	09-10	Evaluation of bench UASB reactor treating synthetic wastewater of industrial jeans laundry	Carvalho M. G P de	L. Florencio , M. T. Kato , S. Gavazza
Wastewater Treatment	09-11	Bioetanol a partir de efluentes: la adaptación previa de levaduras al crecimiento sobre conservantes aumenta los rendimientos	Comelli R.N	M.A. Lazzaroni , L.G. Seluy , M.T. Benzzo , M.A. Isla
Wastewater Treatment	09-12	Adaptation of vegetation in high-rate constructed wetlands filled with plastic support media	Corzo A.	O.A. Sanabria , M. García
Wastewater Treatment	09-16	Los instrumentos económicos financieros en el tratamiento de aguas residuales municipales en México	Domínguez-Montero Lilian E.	Héctor M. Poggi-Valardo
Wastewater Treatment	09-19	Nanoparticle harvesting for microalgae used in heavy metal remediation	Ferraro, G.	Toranzo R , Castiglioni D , Fellenz N , Pasquevich D , Bagnato C
Wastewater Treatment	09-21	Utilización de polietileno poroso en aplicaciones ambientales	Flores P.	Anita Zalts , Javier Montserrat
Wastewater Treatment	09-23	Comparative evaluation of autochthonous and non-autochthonous sulfate-reducing microbial communities in bench-scale sulfidogenic reactor models for treatment of acid mine drainage	Giordani, A.	Hayashi Ayumi, E., Rodríguez Piacentini, R., Damasceno Soares, L. H. Azevedo, H., Brucha, G.
Wastewater Treatment	09-24	Inactivation of <i>Pseudomonas aeruginosa</i> strains using immobilized TiO ₂	Jiménez-Tototzintle M.	Mendes-Saggiaro E., Barrocas P. R. G., Duque, S. S., Lucindo, A. C. F., Jales-Ferreira I., Sousa-Oliveira A.
Wastewater Treatment	09-25	Glyphosate degradation on biobeds: study of different biomixtures	Lescano M.	D. Buschiazzo , C. Zalazar
Wastewater Treatment	09-26	Tratamiento combinado de adsorción y degradación biológica de 4-clorofenol	Lobo C.	N. Bertola , N. Zaritzky
Wastewater Treatment	09-29	Strategy to identify the causes and to solve a granulation problem in anaerobic reactors: application to a full-scale plant treating cheese wastewater	MACARIE H.	Maricela ESQUIVEL , Acela LAGUNA , Olivier BARON , Rachid EL MAMOUNI, Serge GUIOT , Oscar MONROY
Wastewater Treatment	09-32	Adsorción y reducción de cromo hexavalente sobre Sílices Mesoporosas Ordenadas modificadas	Martin Pedro P	María F. Agosto , José F. Pérez-Alonso , José L. García-Fierro , José F. Bengoa, Sergio G. Marchetti , Nicolás A. Fellenz
Wastewater Treatment	09-34	Effect of aeration regime on discoloration and breakdown of aromatic amines from azo dye treatment	Menezes Osmar F. de	Rhaysa de Brito , Marcelo G. de Carvalho, Lourdirha Florêncio, Mario T. Kato , Sávia Gavazza
Wastewater Treatment	09-37	Influence of toilet paper in the anaerobic digestion of domestic sewage	Palma Gomes D.P	, M. Lopes Figueiras , S. Gavazza , S. Machado Santos
Wastewater Treatment	09-40	Tratamiento de aguas grises en un reactor granular aerobio: Características del lodo y valores cinéticos	Rojas-Z U.	C. Fajardo-O , I. Moreno-Andrade , O. Monroy Hermsillo
Wastewater Treatment	09-50	Uso de efluente y lodo de planta de tratamiento de agua residual en cultivo de sorgo: producción y efectos	Souza Filho Edécio J.	Egídio Bezerra Neto , Sávia Gavazza , Lourdirha Florencio , Mario T. Kato
Wastewater Treatment	09-55	Remoción de contaminantes emergentes tipo alquil-parabeno y benzofenona empleando fotocatalisis heterogénea con TiO ₂ y H ₂ O ₂	Zúñiga-Benítez Henry	Gustavo A. Peñuela
Wastewater Treatment	09-59	Combinación de fotocatalisis and biological oxidation for the degradation of pharmaceuticals in water	Manassero A.	Villón K.A. Alfano O.M. Satuf M.L.
Wastewater Treatment	09-64	Wastewater treatment of the agricultural sector by physical, electrochemical and biological processes for micro-pollutants removal	Gortáres-Moryoyoqui P.	R.G. Ulloa-Mercado, L.A. Leyva-Soto, I-C. Romero-Soto, J. Napoles-Armenta, C.E. Mendoza-Chávez, B.G. Molina-Ávila, L.A. Salcedo-Gastélum
Risk Assessment and Environmental Impact	10-05	Effet of sewage sludge Cu enriched on microbial activity, the spore density of arbuscular mycorrhizal fungi in soil	Salazar Quintana Itllier	Pablo Cornejo Rivas, Milko Jorquera Tapia
Control and Modelling of Environmental Processes	11-05	Pesticide trapping in fractal porosity of clays	T. Woignier	F. Clostre, M. Lesueur-Jannyer
Environmental Chemistry	12-09	Uso y validación de la Fluorescencia de Rayos X por Reflexión Total (TXRF) para aplicaciones ambientales con algas marinas	V.N. Salomone	M. Riera; G. Custó; L. Cerchietti, C. Muniaín
Environmental Chemistry	12-10	Elementos traza no-esenciales y tóxicos para clasificación geográfica de muestras de arroz del Nordeste argentino	Villafañe, Roxana N.	Hidalgo, Melisa J., Piccoli, Analia B., Marchevsky, Eduardo J., Pellerano, Roberto G.
Environmental Chemistry	12-11	Quercetin as metabolic mediator in the phenanthrene phytoextraction process by <i>Cyperus laxus</i>	Calva Calva G	N. A. Rivera Casado; O. Gómez Guzmán; J. Pérez Vargas
Environmental engineering	14-03	Environmental considerations on underground water wells in La Rioja, Argentina	Calbo V.	Torres Deluigi M. 3 , Marchevsky E.J. 4 , Furlong O.J. 3,5
Environmental engineering	14-07	Compostaje del digestado producido en un reactor de hidrólisis anaerobia de lecho escurreido	Espinosa Salgado R.	O. Monroy Hermsillo, G. Saucedo Castañeda.
Environmental engineering	14-09	Synthesis and usage of graphene based electrodes in bioelectrochemical systems	Lescano M.	Gasnier A , Pedano ML , Pasquevich D, Prados MB
Environmental engineering	14-10	Design of a bioretention cell for mitigating the effects of urban runoff in xeric climates	Ortiz-Hernández J. E.	Lizárraga-Mendiola , C. Coronel-Olivares , R. I. Beltrán-Hernández , C. Lucho-Constantino , M. R. González-Sandoval, G. Vázquez-Rodríguez
Environmental engineering	14-11	Mitigation and recovery of an environmental liability generated by flagstone mining exploitation in the Province of San Luis	Ponce H.N.	M. Beninato , M.M. Barroso Quiroga , N.J. Marchevsky
Environmental engineering	14-12	Tratamiento integral de residuos ganaderos generados por un mercado concentrador de hacienda en pie.	Rizzo P. F.	M. Vitón , J. Gasulla, D. E. C. Crespo
Environmental engineering	14-17	Inactivation of <i>Aspergillus niger</i> with photocatalytic paints	Zacarias S. M.	R. Schumacher , F. Salvadores , O. M. Alfano , M. M. Ballarí
Environmental Nanotechnology	15-02	Biocatalytic solutions against emerging pollutants	Spiros N. Agathos	Charles Junghanns, Philippe Demarche, Inés Ardao
Environmental Nanotechnology	15-06	Remoción del colorante Negro Reactivo 5 por combinación de un tratamiento biológico y un tratamiento con nanopartículas de hierro cerovalente	E. R. Donati, F.E. García, N. Montesinos, M. Litter	J. Plaza-Cazón
Environmental Nanotechnology	15-07	Sustainable iron based bio-nano-bioparticles from a dehalogenating microbial consortium allows remediation of water polluted with PCE	Luz Breton-Deval	Héctor M. Poggi-Valardo
Environmental Nanotechnology	15-11	Efectividad de las micro/nanopartículas de quitosano obtenidas de residuos pesqueros en la adsorción de cromo hexavalente	Dima, J.B	Zaritzky, N
Environmental Toxicology	16-03	Evaluation of biomarkers in Tillandsia usneoides as a response to a long exposure to atmospheric metals	G. Martínez-Reséndiz	C. A. Lucho-Constantino, G. A. Vázquez-Rodríguez, C. Coronel-Olivares, R. I. Beltrán-Hernández
Climate change	17-02	Análisis de tendencia para la precipitación en el interior del Estado de Paraíba (Brasil)	Medeiros, S. E. L.	R. Abrahão, I. Garcia-Garizabal
Climate change	17-03	The oasis system: a model of adaptation to the climatic changes	Boulassel, A.	B. Mouhouche, D. Smadhi, L. Saidi
Climate change	17-04	Puesta a punto de Metodologías Genómicas para el Mejoramiento Molecular de <i>Eucalyptus dunii</i>	N.C. Aguirre	C.V. Filippi, G. Zaina, D. Scaglione, M. Morgante, S. González, M. Rivarola, J.A. López, A.J. López, J. Oberschelp, L. Harrant, M.C. Martínez, A.F. Puebla, H.E. Hopp, N. Paniago, S.N. Maruccci Poltri
Environmental health	18-03	Parasitic contamination of public places in urban and rural environments in the Slovak Republic	Papajova, I	N. Sasakova, J. Pipikova, F. Tóth, J. Venglovsky