

PRODUCTIVIDAD ACADÉMICA DOCTORADO EN CIENCIAS AMBIENTALES (2016-2020)

AÑO	ARTICULO	ENLACE
2020	Geoaccumulation and Ecological Risk Indexes in Papaya Cultivation Due to the Presence of Trace Metals	<a href="https://doi.org/10.3390/agronomy10020301">DOI:10.3390/agronomy10020301</a>
	Geoaccumulation of Heavy Metals in Sediment of the Fluvial–Lagoon– Deltaic System of the Palizada River, Campeche, Mexico	<a href="https://doi.org/10.3390/ijerph17030969">DOI:10.3390/ijerph17030969</a>
	Study on Contamination by Heavy Metals in the Cotaxtla- Jamapa Basin with Influence in the Central Zone of the Gulf of Mexico	<a href="https://doi.org/10.1007/s11270-020-4446-9">DOI:https://doi.org/10.1007/s11270-020-4446-9</a>
	Parasitic helminths infecting <i>Eucinostomus melanopterus</i> and <i>Eugerres plumieri</i> (Perciformes: Gerreidae), from Boca del Rio, Veracruz, México	<a href="https://doi.org/10.15446/abc.v25n1.78363">DOI:https://doi.org/10.15446/abc.v25n1.78363</a>
	Production of antifungal saponins in an airlift bioreactor with a cell line transformed from <i>Solanum chrysotrichum</i> and its activity against strawberry phytopathogens	<a href="https://doi.org/10.1080/10826068.2019.1676781">https://doi.org/10.1080/10826068.2019.1676781</a>
	Isolation of a freshwater microalgae and its application for the treatment of wastewater and obtaining fatty acids from Tilapia cultivation	<a href="https://doi.org/10.1007/s11356-020-08308-z">DOI: 10.1007/s11356-020-08308-z</a>
	Two Cathodes in One for Lithium-Ion Batteries: Voltammetric Study of a Composite Cathode of Sulfur and LiFePO <sub>4</sub> ,	<a href="https://doi.org/10.1002/slct.202001292">DOI:10.1002/slct.202001292</a>
2020	Toxicity and hazards of biodegradable and non-biodegradable sunscreens to aquatic life of Quintana Roo, México	<a href="https://doi.org/10.3390/su12083270">DOI:10.3390/su12083270</a>
2019	Communities of Helminth Parasites in Sciaenid Fish From the Alvarado Coast, Veracruz, Mexico, Southern Gulf of Mexico	<a href="https://doi.org/10.5539/jas.v11n8p65">DOI:10.5539/jas.v11n8p65</a>
	Heavy Metals in Muscle Tissue of <i>Pterois volitans</i> from the Veracruz Reef System National Park, Mexico	<a href="https://doi.org/10.3390/ijerph16234611">DOI:10.3390/ijerph16234611</a>
	Impact of Thiamethoxam in Papaya Cultivation ( <i>Carica papaya</i> Linnaeus) in Rotation with Watermelon ( <i>Citrullus lanatus</i> ) Crops	<a href="https://doi.org/10.3390/agriculture9060129">DOI:10.3390/agriculture9060129</a>
	Response surface analysis of temperature- salinity interaction effects on water quality, growth and survival of shrimp <i>Penaeus vannamei</i> postlarvae raised in biofloc intensive nursery production	<a href="https://doi.org/10.1016/j.aquaculture.2019.01.020">DOI:https://doi.org/10.1016/j.aquaculture.2019.01.020</a>
	Treatment of Leachates of a Controlled Landfill in Veracruz By Using the Fenton Method	<a href="http://neptjournal.com/upload-images/NL-67-3-(1)D-825.pdf">http://neptjournal.com/upload-images/NL-67-3-(1)D-825.pdf</a>
	Influence of physicochemical parameters on phytoplankton distribution in the lagoon system of Mandinga, Mexico.	<a href="https://doi.org/10.15741/revbio.06.e427">DOI:https://doi.org/10.15741/revbio.06.e427</a>
	Communities of Helminth Parasites in Sciaenid Fish From the Alvarado Coast, Veracruz, Mexico, Southern Gulf of Mexico	<a href="https://doi.org/10.5539/jas.v11n8p65">DOI:10.5539/jas.v11n8p65</a>
2019	Planktonic copepod community of a reef zone in the southern Gulf of Mexico	<a href="https://doi.org/10.1080/00222933.2019.1637476">DOI:https://doi.org/10.1080/00222933.2019.1637476</a>
	Aproximación histórica de la composición de especies de peces En Arroyo Moreno, Veracruz, México	<a href="https://doi.org/10.22201/fesi.20072082.2019.12.72323">DOI:10.22201/fesi.20072082.2019.12.72323</a>

2019	Bathymetric flow rectification in a tropical micro-tidal estuary. Estuarine, Coastal and Shelf Science	<a href="https://doi.org/10.1016/j.ecss.2019.106562">DOI:https://doi.org/10.1016/j.ecss.2019.106562</a>
	Treatment of Leachates of a controlled landfill in Veracruz by using the Fenton Method	<a href="http://neptjournal.com/upload-images/NL-67-3-(1)D-825.pdf">http://neptjournal.com/upload-images/NL-67-3-(1)D-825.pdf</a>
	Agro ecological basis for the design of biotechnological traps based on <i>Isaria fumosorosea</i> for the biological control of <i>Bemisia tabaci</i> in strawberry crops	<a href="https://doi.org/10.1080/09583157.2018.1520199">https://doi.org/10.1080/09583157.2018.1520199</a>
	Fertirrigation with Low-Pressure Multi-Gate Irrigation Systems in Sugarcane Agroecosystems: A Review	<a href="https://doi.org/10.1016/S1002-0160(18)60053-0">DOI:10.1016/S1002-0160(18)60053-0</a>
	Microalgae pigment induction and transfer in aquaculture	<a href="https://doi.org/10.1111/raq.12384">DOI:10.1111/raq.12384</a>
2019	Improving the lipid content of <i>Nannochloropsis oculata</i> by a mutation-selection program using UV radiation and quizalofop	<a href="https://doi.org/10.1007/s10811-018-1568-1">DOI: 10.1007/s10811-018-1568-1</a>
2018	Bacteria that affects coral health with an emphasis on the Gulf of Mexico and the Caribbean Sea	<a href="https://doi.org/10.3856/vol46-issue5-fulltext-2">DOI:10.3856/vol46-issue5-fulltext-2</a>
	Intraspecific variation in megalopae of <i>Clibanarius antillensis</i> (Anomura, Diogenidae) among western Atlantic populations	<a href="https://doi.org/10.1590/2358-2936e2018031">DOI:https://doi.org/10.1590/2358-2936e2018031</a>
	Cultivation of native fish in Mexico: cases of success	<a href="https://doi.org/10.1111/raq.12259">DOI:10.1111/raq.12259</a>
	Influence of Hydraulic Retention Time in the Treatment of Cane Alcohol Vinasse by UASB Reactor. Nature Environment and Pollution Technology	<a href="http://neptjournal.com/upload-images/NL-65-43-(41)D-754.pdf">http://neptjournal.com/upload-images/NL-65-43-(41)D-754.pdf</a>
	Biosorption of Cadmium by Non-Toxic Extracellular Polymeric Substances (EPS) Synthesized by Bacteria from Marine Intertidal Biofilms	<a href="https://doi.org/10.3390/ijerph15020314">DOI:10.3390/ijerph15020314</a>
	Estimation of CO <sub>2</sub> Emissions Produced by Commercial Grills in Veracruz, Mexico	<a href="https://doi.org/10.3390/su10020464">DOI:10.3390/su10020464</a>
	Helminth Parasite Communities of Two <i>Scorpaena</i> spp. (Scorpaenidae) From Reefs of Veracruz, Mexico	<a href="https://doi.org/10.5539/jas.v10n9p504">DOI:10.5539/jas.v10n9p504</a>
	Hexachlorocyclohexanes, Cyclodiene, Methoxychlor, and Heptachlor in Sediment of the Alvarado Lagoon System in Veracruz, Mexico	<a href="https://doi.org/10.3390/su10010076">DOI:10.3390/su10010076</a>
	Influence of density on growth and survival of freshwater prawn <i>Macrobrachium americanum</i> (Bate, 1868) (Caridea: Palaemonidae) cultured in a cage-pond system	<a href="https://doi.org/10.5424/sjar/2018164-13420">DOI:10.5424/sjar/2018164-13420</a>
	Morphometry of <i>Pterois volitans</i> (Linnaeus, 1758) in the Veracruz Reef System in the Central Zone of the Gulf of Mexico	<a href="https://doi.org/10.19080/OFOAJ.2018.05.555673">DOI:10.19080/OFOAJ.2018.05.555673</a>
	Use of thiamethoxam, associated with insect populations in papaya ( <i>Carica Papaya</i> Linnaeus) cultivation	<a href="https://doi.org/10.5281/zenodo.1168978">DOI:10.5281/zenodo.1168978</a>
	Interaction of <i>Beauveria bassiana</i> strain HPI-019/14 and <i>Bacillus thuringiensis</i> strain GP139 for the biological control of <i>Bemisia tabaci</i> in strawberry culture	<a href="http://www.bulletinofinsectology.org/pdfarticles/vol71-2018-201-209somoza-vargas.pdf">http://www.bulletinofinsectology.org/pdfarticles/vol71-2018-201-209somoza-vargas.pdf</a>
	Growth, photosynthesis, and removal responses of the cyanobacteria <i>Chroococcus</i> sp. to malathion and malaoxon	<a href="https://doi.org/10.1080/03601234.2018.1505070">DOI:10.1080/03601234.2018.1505070</a>
	2018	Improving the lipid content of <i>Nannochloropsis oculata</i> by a mutation-selection program using UV radiation and quizalofop

2018	Effects of the biochemical composition of three microalgae on the life history of the rotifer <i>Brachinous plicatilis</i> (Alvarado strain): an assesment. Annales de Limnologie	<a href="https://doi.org/10.1051/limn/2018011">DOI:10.1051/limn/2018011</a>
	Influence of different porous media and ornamental vegetation on wastewater pollutant removal in vertical subsurface flow wetland microcosms	<a href="https://doi.org/10.1089/ees.2017.0061">DOI:10.1089/ees.2017.0061</a>
2018	Manejo de las aguas residuales del beneficiado del café: un asunto relegado en Veracruz, México	<a href="http://www.cainternacionales.com/revista/articulos/vol-4/num-7/pdf/Manejo-de-las-aguas-residuales-del-beneficiado-del-cafe.pdf">http://www.cainternacionales.com/revista/articulos/vol-4/num-7/pdf/Manejo-de-las-aguas-residuales-del-beneficiado-del-cafe.pdf</a>
	Turbidity Measurement System for Aquaculture Effluents Using an Open Source Software and Hardware	<a href="http://neptjournal.com/upload-images/NL-65-39-(37)D-745.pdf">http://neptjournal.com/upload-images/NL-65-39-(37)D-745.pdf</a>
2017	Communities of Helminth Parasites in five Carangidae Species from the Coast of Veracruz, Mexico, Southern Gulf of Mexico	<a href="https://globaljournals.org/GJSFR_Volume17/2-Communities-of-Helminth.pdf">https://globaljournals.org/GJSFR_Volume17/2-Communities-of-Helminth.pdf</a>
	Eutrophication in the lower coastal basin of the Jamapa River in Veracruz, Mexico	<a href="https://doi.org/10.5281/zenodo.113387">DOI:10.5281/zenodo.113387</a>
	Detection of <i>Vibrio parahaemolyticus</i> (tlh) and virulence factors in Oyster <i>Crassostrea virginica</i> in the Gulf of Mexico	<a href="https://doi.org/10.15741/revbio.04.06.03">DOI:http://dx.doi.org/10.15741/revbio.04.06.03</a>
	Helminth Parasites of Red Lionfish, <i>Pterois volitans</i> from the Veracruz Coral Reef System, Mexico, Southern Gulf of Mexico	<a href="https://doi.org/10.5539/jas.v9n11p30">DOI:10.5539/jas.v9n11p30</a>
	Pathogenic Bacteria in <i>Oreochromis Niloticus</i> Var. Stirling Tilapia Culture	<a href="https://doi.org/10.4172/2150-3508.1000197">DOI:10.4172/2150-3508.1000197</a>
	Stomach Repletion Rhythms of the Caridean Shrimps, <i>Macrobrachium americanum</i> and <i>M. tenellum</i> (Crustacea: Decapoda) in a Caged-Pond System	<a href="https://doi.org/10.17582/journal.pjz/2017.49.3.973.977">DOI:http://dx.doi.org/10.17582/journal.pjz/2017.49.3.973.977</a>
	The effect of biofloc technology (BFT) on water quality in white shrimp <i>Litopenaeus vannamei</i> culture: A review	<a href="https://doi.org/10.15741/revbio.04.04.01">DOI:http://dx.doi.org/10.15741/revbio.04.04.01</a>
	The Tilapia Agrifood-Chain from a Sociopoietic Territorial Approach:A Theoretical Proposal	<a href="https://doi.org/10.5539/jas.v9n1p134">DOI:10.5539/jas.v9n1p134</a>
	Inducers of resistance to <i>Botrytis cinerea</i> in post-harvest strawberry fruits	<a href="https://doi.org/10.15741/revbio.04.05.05">https://doi.org/10.15741/revbio.04.05.05</a>
	Use and management of pesticides in different strawberry production systems	<a href="https://www.lamjol.info/index.php/PAYDS/article/view/5717">https://www.lamjol.info/index.php/PAYDS/article/view/5717</a>
	Evaluation of two extracts of <i>Stevia rebaudiana</i> on antibiotic-resistant enterobacteria	<a href="https://www.redalyc.org/pdf/579/57956616009.pdf">https://www.redalyc.org/pdf/579/57956616009.pdf</a>
	Heavy Metals in Sediment from Alvarado Lagoon System in Veracruz, México. 2017	<a href="https://doi.org/10.22161/ijeab/2.3.26">DOI:http://dx.doi.org/10.22161/ijeab/2.3.26</a>
	Evaluation of colour temperatures in the cultivation of <i>Dunaliella salina</i> and <i>Nannochloropsis oculata</i> in the production of lipids and carbohydrates	<a href="https://doi.org/10.1007/s11356-017-9764-0">DOI:10.1007/s11356-017-9764-0</a>
	Evaluación de la sensibilidad del cladóceros tropical <i>Ceriodaphnia cornuta</i> a metales pesados	<a href="https://doi.org/10.20937/RICA.2017.33.01.04">DOI:10.20937/RICA.2017.33.01.04</a>
	2017	Effect of the pesticide lindane on the biomass of the miroalgae <i>Nannochloris oculata</i>
2016	Manejo Del Nitrógeno en la caña de azúcar de la zona centro de Veracruz, México	<a href="https://www.lamjol.info/index.php/RIBCC/article/view/5677">https://www.lamjol.info/index.php/RIBCC/article/view/5677</a>
	Evaluation of the Efficiency of Duckweeds, <i>Lemna</i> sp. and <i>Spirodela</i> sp., in the Treatment of Tilapia Effluents	<a href="https://doi.org/10.5539/jas.v8n12p188">DOI:10.5539/jas.v8n12p188</a>
2016	Current State of Bacteria Pathogenicity and their Relationship with Host and Environment in Tilapia <i>Oreochromis niloticus</i>	<a href="https://doi.org/10.4172/2155-9546.1000428">DOI:http://dx.doi.org/10.4172/2155-9546.1000428</a>

2016	Diagnosis of the current state of aquaculture production systems with regard to the environment in Mexico	<a href="https://doi.org/10.3856/vol44-issue2-fulltext-1">DOI:10.3856/vol44-issue2-fulltext-1</a>
	Endosulfan: Its Isomers and Metabolites in Commercially Aquatic Organisms from the Gulf of Mexico and the Caribbean	<a href="https://doi.org/10.5539/jas.v8n1p8">DOI:10.5539/jas.v8n1p8</a>
	Implications of Extracellular Polymeric Substance Matrices of Microbial Habitats Associated with Coastal Aquaculture Systems	<a href="https://doi.org/10.3390/w8090369">DOI:https://doi.org/10.3390/w8090369</a>
	Monogéneos parásitos de <i>Oreochromis</i> spp., en punto de venta	<a href="https://doi.org/10.29312/remexca.v7i4.279">DOI:https://doi.org/10.29312/remexca.v7i4.279</a>
	Thiamethoxam in Tropical Agroecosystems	<a href="https://www.longdom.org/articles/thiamethoxam-in-tropical-agroecosystems.pdf">https://www.longdom.org/articles/thiamethoxam-in-tropical-agroecosystems.pdf</a>
	Helminth Parasites of Lane Snapper, <i>Lutjanus synagris</i> from Santiaguillo Reef, Veracruz, Mexico	<a href="https://doi.org/10.5539/jas.v8n11p81">DOI:10.5539/jas.v8n11p81</a>
	Scale-up, from shake flask to bioreactor, based on oxygen transfer for the production of spore-crystal complexes from GP139 strain of <i>Bacillus thuringiensis</i>	<a href="https://microbiologyjournal.org/scale-up-from-a-shake-flask-to-a-bioreactor-based-on-oxygen-transfer-for-the-production-of-spore-crystal-complexes-from-bacillus-thuringiensis">https://microbiologyjournal.org/scale-up-from-a-shake-flask-to-a-bioreactor-based-on-oxygen-transfer-for-the-production-of-spore-crystal-complexes-from-bacillus-thuringiensis</a>
	Constructed wetlands: a solution to water quality issues in Mexico	<a href="https://doi.org/10.2166/wp.2015.172">DOI:10.2166/wp.2015.172</a>
	Afectaciones por posible asociación de eventos hidrometeorológicos y geológicos en los municipios de Calchualco y Coscomatepec, Ver.	<a href="https://doi.org/10.22403/UQROOMX/TYPNE2016/02">DOI:10.22403/UQROOMX/TYPNE2016/02</a>
Analyzing the Dynamics of Inter-state water peace: A study of the Huitzilapan-Xalapa Water Transfers	<a href="https://revistaseug.ugr.es/index.php/revpaz/article/view/5320">https://revistaseug.ugr.es/index.php/revpaz/article/view/5320</a>	
2016	Effect of the pesticide lindane on the biomass of the microalgae <i>Nannochloris oculata</i>	<a href="https://doi.org/10.1080/03601234.2015.1092824">DOI:10.1080/03601234.2015.1092824</a>