

**ARTÍCULOS PUBLICADOS
FACULTAD DE CIENCIAS Y TECNOLOGÍA**

Año	Artículo	Revista	Nombre
2019	Desarrollo y caracterización de panguecas a base de harina de trigo (Triticum) y harina de yuca (Manihot esculenta)	I+ D Tecnológico	Rosa Quintero
2019	Efecto de los métodos de cocción por fritura en las propiedades fisicoquímicas y sensoriales de chips de taro (Colocasia esculenta)	I+ D Tecnológico	Rosa Quintero
2019	Effect of Nitrogen Flow on the Growth of Nitrogen Ultrananocrystalline Diamond (N-UNCD) Films on Si/SiO₂/HfO₂ Substrate	IESTEC	Elida de Obaldia
2019	Effect of the gas chemistry, total pressure, and microwave power on the grain size and growth rate of polycrystalline diamond film	IESTEC	Elida de Obaldia
2019	Effects of changes on temperature and fluorine concentration in the structural, optical and electrical properties of SnO₂: F thin film	Journal of Materials Science: Materials	Elida de Obaldia
2019	Effects of changes on temperature and fluorine concentration in the structural, optical and electrical properties of SnO₂: F thin film	Journal of Materials Science: Materials	Eleicer Ching
2019	Effects of changes on temperature and fluorine concentration in the structural, optical and electrical properties of SnO₂: F thin film	Journal of Materials Science: Materials	Hector Miranda
2019	Far-field radiation of three-dimensional plasmonic gold tapers near apexes	ACS photonics	Alfredo Campos
2019	Geomatics in Conservation: Habitat Status and Population Ecology of Crocodiles and Alligators of the Gulf of Montijo Wetland, Panama	IESTEC	Miryam Venegas
2019	Intoxicación histamínica por consumo de atún: una revisión	Prisma	Índira Franco
2019	Long-term dynamics of liana seedlings suggest decelerating increases in liana relative abundance over time	Journal of Ecology	Eric Manzane
2019	Malcom McLean Ideó el contenedor cambiando la logística marítima y le dio armas a la globalización	Prisma	Abdiel Pino
2019	Metallic Nanoparticles for Infrared-Blocking Windows	IESTEC	Alfredo Campos
2019	Microstructural and Morphological Properties of an Analcima Natural Zeolite of Interest for Environmental Applications	International Engineering, Sciences and	Ildemán Abrego
2019	Modelado de la isoterma de adsorción de zanahorias deshidratadas	I+ D Tecnológico	Rosa Quintero
2019	Nutritional recommendations for healthcare and essential personnel exposed to COVID-19 in Latin America.	Revista de la Sociedad Latinoamericana	Lina Lay-Mendivil
2019	Optical Properties in Anodized Aluminum Oxide Films	IESTEC	Elida de Obaldia
2019	Optical Properties in Anodized Aluminum Oxide Films	IESTEC	Eleicer Ching
2019	Optical Properties in Anodized Aluminum Oxide Films	IESTEC	Ildemán Abrego
2019	Optical Properties in Anodized Aluminum Oxide Films	IESTEC	Hector Miranda
2019	Optical Properties of SnO₂ and SnO₂: F-An Experimental and Theoretical Approach	IESTEC	Eleicer Ching
2019	Optical Properties of SnO₂ and SnO₂: F-An Experimental and Theoretical Approach	IESTEC	Amanda Watson
2019	Optical Properties of SnO₂ and SnO₂: F-An Experimental and Theoretical Approach	IESTEC	Hector Miranda
2019	Physical Properties of Semiconductor TCO-SnO₂: F Thin Film	IESTEC	Eleicer Ching
2019	Physical Properties of Semiconductor TCO-SnO₂: F Thin Film	IESTEC	Hector Miranda
2019	Plasmonic quantum size effects in silver nanoparticles are dominated by interfaces and local environments	Nature Physics	Alfredo Campos
2019	Polycrystalline diamond films with tailored micro/nanostructure/doping for new large area film-based diamond electronics	Diamond and Related Materials	Elida de Obaldia
2019	Preservación postcosecha de Carica papaya L. por recubrimiento con bioplástico desarrollado a partir de almidón, arcilla y ajo	Revista de Iniciación Científica	Rosa Quintero
2019	Proposal to Implement the Precalculus and Basic Mathematics Courses Using an Intelligent Tutoring System	IESTEC	Norma L. Miller
2019	Proposal to Implement the Precalculus and Basic Mathematics Courses Using an Intelligent Tutoring System	IESTEC	Benigna Fernández
2019	Radiation of dynamic toroidal moments	ACS photonics	Alfredo Campos
2019	Recomendaciones nutricionales para el personal de salud y el personal esencial expuesto a la COVID-19 en Latinoamérica	Revista de la Sociedad Latinoamericana	Lina Lay-Mendivil
2019	Selection of a Primary Model to Describe the Growth Curve of Burkholderia glumae	IESTEC	Ídolfo Arrocha
2019	Synthesis and Characterization of Nanostructured Materials Based on Metal Oxides for Sensor Applications	IESTEC	Ildemán Abrego
2019	Toxicidad por Hipervitaminosis A por el consumo de Camote (Ipomea batatas) biofortificado en áreas indígenas de Panamá un estudio	Prisma	Índira Franco
2019	Tracking Quantum Effects at the Nanometer Scale with EELS and Cathodoluminescence	Microscopy and Microanalysis	Alfredo Campos
2019	Trust across culture and context	Journal of Cognitive Engineering and D	Norma L. Miller
2019	Use of an Intelligent Tutoring System for Mathematics by Students Who Aspire to Enter the Technological University of Panama	IESTEC	Benigna Fernández
2018	Afterglow, thermoluminescence and optically stimulated luminescence characterization of micro-, nano- and ultrananocrystalline diamond	Diamond and Related Materials	Elida de Obaldia
2018	Argon atoms insertion in diamond: New insights in the identification of carbon C 1s peak in X-ray photoelectron spectroscopy analysis	Carbon	Elida de Obaldia
2018	Boron doping of ultrananocrystalline diamond films by thermal diffusion process	MRS Communications	Elida de Obaldia
2018	Comparación de la efectividad en la protección de cultivos de tomates con insecticidas orgánicos a base de: ajo (Allium sativum) y	Revista de Iniciación Científica	Alma Chen
2018	Does soil moisture availability explain liana seedling distribution across a tropical rainfall gradient?	Biotropica	Eric Manzane
2018	Elaboración de bioplástico a partir de almidón de semillas de mango	Revista de Iniciación Científica	Jhonny Correa
2018	Elaboración de bioplástico a partir de almidón de semillas de mango	Revista de Iniciación Científica	Rosa Quintero
2018	Electronic structure and optical properties of SnO₂: F from PBE0 hybrid functional calculations	Journal of Materials Science: Materials	Eleicer Ching
2018	Estudio del flujo vehicular mediante un modelo de Lighthill-Whitham-Richards	KnE Engineering	Jose Laguardia
2018	Food habits and ontogenetic dietary partitioning of American crocodiles in a tropical Pacific Island in Central America	Ecosphere	Miryam Venegas

2018	Framework para la implementación de un proyecto de la Arquitectura de Aplicación del Modelo Arquitectura Empresarial para la	KnE Engineering	Abdoulaye Diallo
2018	How to estimate population size in crocodylians? Population ecology of American crocodiles in Coiba Island as study case	Ecosphere	Miryam Venegas
2018	Local adaptation to insect herbivory along a tropical rainfall gradient	ESA Annual Meeting	Eric Manzane
2018	Método de RBF aplicado a la simulación de transporte de carga en CSO	KnE Engineering	Idulfo Arrocha
2018	Métodos de interpolación basados en funciones de base radial con aplicaciones a la reconstrucción de imágenes	KnE Engineering	Idulfo Arrocha
2018	Optical and electrical properties of fluorine doped tin oxide thin film	Journal of Materials Science: Materials	Eleicer Ching
2018	Optical and electrical properties of fluorine doped tin oxide thin film	Journal of Materials Science: Materials	Amanda Watson
2018	Optical and electrical properties of fluorine doped tin oxide thin film	Journal of Materials Science: Materials	Hector Miranda
2018	Photoluminescence in Raman Scattering: Effects of HfO2 Template Layer on Ultrananocrystalline Diamond (UNCD) Films Grown on	IESTEC	Elida de Obaldia
2018	Stress dependence of structure, electronic and optical properties of BaTiO3 from WC, VdW-DF-C09 and HSE functional calculation	Ferroelectrics	Eleicer Ching
2018	Tailoring of polycrystalline diamond surfaces from hydrophilic to superhydrophobic via synergistic chemical plus micro-structuring	Carbon	Elida de Obaldia