



DIRECCION DE FORTALECIMIENTO INSTITUCIONAL
Programa Fortalecimiento de la Calidad Educativa
Cumplimiento de Indicadores de Calidad Trimestre 4

PFCE

Universidad: Universidad de Guanajuato
Clave de convenio: C/PFCE 2018 11MSU0013Z 07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"
Clave de Proyecto: P/PFCE-2018 11MSU0013Z-01

Categoría Académica	Indicador de Calidad	Ajuste Anual		Ajuste Trimestral		Ajuste Trimestral		Total de Ajustes		Justificación		
		Valor Inicial	% Valor Final	Valor Final	%	Numero	Numero	Numero	%			
Total de Profesores de Tiempo Completo.												
11.1	Licenciatura	17	1.68	17	1.68	21	21	21	2.07%	21	123.53%	21 PTC cuentan con formación de nivel licenciatura. Tal como se programó, este indicador ha decremado, con relación al año 2017. Este número debe reducirse de acuerdo al incremento proporcional que debe reflejarse en profesores con un grado mayor por lo que se considera un resultado positivo.
11.2	Especialidad	9	0.89	8	0.79	9	9	9	0.89%	9	112.50%	117 PTC cuentan con grado de maestría, derivado de jubilaciones de profesores.
11.3	Maestría	131	12.9	125	12.3	117	117	117	11.55%	117	93.60%	782 PTC cuentan con grado de doctorado. Con respecto al trimestre anterior, se ha incrementado el número de PTC que cuentan con formación de posgrado en el área disciplinar de su desempeño, llegando a 880 PTC.
11.4	Doctorado	744	73.5	773	76.3	782	782	782	77.20%	782	101.16%	Se cuenta con 765 PTC con doctorado en su área disciplinar. Con respecto al trimestre anterior, se ha incrementado el número de PTC que cuentan con el perfil deseable por el PROMEP-SES siendo 713.
11.5	Posgrado en el área disciplinar de su desempeño	866	85.5	878	86.7	880	880	880	86.87%	880	100.23%	Se ha logrado elevar el número de PTC adscritos al SNI o SNC. Verifica al cierre del año 511 profesores, adicionalmente profesores han participado en la convocatoria de ingreso, esperando resultados favorables en el primer trimestre del 2018.
11.6	Doctorado en el área disciplinar de su desempeño	723	71.4	742	73.3	765	765	765	75.52%	765	103.10%	Se reformó el Programa Institucional de Tutorías, lo que permitió aumentar el número de profesores que participan en él, siendo al cierre del año 911 PTC.
11.7	Perfil deseable reconocido por el PROMEP-SES	636	62.8	657	64.9	713	713	713	70.36%	713	108.52%	
11.8	Adscripción al SNI o SNC	479	47.3	517	51	511	511	511	50.44%	511	98.86%	
11.9	Participación en el programa de tutorías	831	82	846	83.5	911	911	911	92.85%	911	111.23%	
Total de profesores que conforman la planta académica												
		Universo: 2,800										
12.1	Profesores (PTC, PMT y PTA) que reciben capacitación y/o actualización con al menos 40 horas por año	772	27.6	832	29.7	753	753	753	26.89%	753	90.50%	En el rediseño del Programa Institucional de Formación Docente mediante estrategias particulares asociadas a cada una de las dimensiones que lo conforman: personal, curricular, práctica, reflexiva y de identidad institucional, permitiendo al profesor mantener una capacitación presencial de 40 horas o más mediante algunos de las líneas de acción.
Total de Cuerpos Académicos												
		Universo: 105										
13.1	Consolidados	35	33.3	41	39.1	43	43	43	40.95%	43	104.88%	43 cuerpos académicos se encuentran consolidados.
13.2	En Consolidación	48	45.7	47	44.8	54	51	51	48.57%	51	108.31%	Se cuenta con 51 cuerpos académicos en consolidación.
13.3	En Formación	17	16.2	17	16.2	21	21	21	20.00%	21	123.53%	Se han creado nuevos cuerpos académicos (1) por los que se cuenta actualmente con 21 C.A. en formación.
Total de Programas Educativos de TSU/PA y UIC Evaluables		Universo: 72										
22.1	Número y % de PE que alcanzan el nivel 1 por CEES	12	16.7	20	27.8	24	24	24	33.33%	24	120.00%	Durante el año 2018, un conjunto de nueve programas educativos llevaron a cabo el proceso de evaluación por los CEES. De estos programas, cinco no contaban con reconocimiento externo a su calidad (Trabajo Social, Sociología, Cultura y Arte, Antropología Social del Campus León, Ingeniería en Energías Renovables e Ingeniería en Sistemas Computacionales del Campus Mariano Samame). De estos programas, se han recibido resultados favorables de los siguientes tres: Ingeniería en Energías Renovables CS, Antropología Social CLE y Sociología CLE. El Programa de Ingeniería en Sistemas Computacionales CS se encuentra en proceso de Impugnación. Se esta en espera de los dictámenes de los programas restantes.

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Clave de convenio: C/PFCE-2018-11MSU0013Z-07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"
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PRFCE 2018-11MSU0013Z-01

2.2.2 Número y % de PE que serán acreditados por organismos reconocidos por el COPAES. 36 50 44 61.1 45 45 62.50% 45 102.27%

Como resultado de ello, la Licenciatura en Quinto Farmacéutico Biólogo CGTO obtuvo reconocimiento. Se esperan los dictámenes de la Licenciatura en Matemáticas CGTO, Ingeniería Química CGTO, Ingeniería en Minas CGTO, Ingeniería en Geología CGTO e Ingeniería en Metalúrgica CGTO.

La Licenciatura en Química a través del organismo COMAECQ y la Licenciatura en Enfermería y Obstetricia (Sede León) a través del organismo COMAECF, han culminado con la etapa de auto evaluación y encuentran en espera de vista en el año 2019.

Durante el año 2018, 28 programas educativos culminaron el proceso de evaluación, acreditación o re acreditación, de los cuales 13 P.E. no contaban con reconocimiento a su calidad por algún organismo externo.

2.2.3 Número y % de PE de licenciatura y TSU de calidad del total de la oferta educativa evaluable 40 55.6 51 70.8 59 59 81.94% 59 115.63%

De estos trece P.E. la Licenciatura en Química a través del organismo COMAECQ y la Licenciatura en Enfermería y Obstetricia (Sede León) a través del organismo COMAECF, han culminado con la etapa de auto evaluación y encuentran en espera de vista para el próximo año.

De los once P.E. restantes, se han recibido resultados favorables de Ingeniería en Energías Renovables CIS, Antropología Social CLE, Sociología CLE, Química Farmacéutica Biólogo CGTO. El Programa de Ingeniería en Sistemas Computacionales CIS se encuentra en proceso de impugnation.

Se esperan los dictámenes de las licenciaturas en Cultura y Arte CLE, Trabajo Social CLE, Matemáticas CGTO, Ingeniería Química CGTO, Ingeniería en Minas CGTO, Ingeniería en Geología CGTO e Ingeniería en Metalúrgica CGTO.

2.2.4 Número y % de PE de licenciatura/campus con estándar 1 del IDAP del CENEVAL 2 2.78 9 12.5 4 4 0 4 41.44%

De los 24 Programas Educativos que participaron en el proceso para pertenecer al Padrón 2017, dos de ellos se incorporaron al Padrón con nivel 1 PLUS, LIC en Derecho por Año y Lic. en Ingeniería Mecatrónica que se incorporó por primera vez en este nivel. Ello representa el 50 % de reconocimientos de este nivel en el Estado de Guanajuato. Asimismo los Programas Educativos de nivel Licenciatura, Ingeniería Eléctrica, Ingeniería Mecánica obtuvieron nivel 1 dentro del Padrón dando un total de 4 PE incorporados al IDAP como Programas de Alto Rendimiento.

La razón por la que no se cumplió el indicador es porque no se alcanzó el número mínimo de sustentantes por PE que determina el CENEVAL, por lo que se buscaron estrategias que permitan asegurar este indicador.

2.2.5 Número y % de PE de licenciatura/campus con estándar 2 del IDAP del CENEVAL 1 1.39 0 0 1 1 0 1 100.00%

La Lic. en Ingeniería en Sistemas Computacionales inscrita al Campus Irapuato - Salamanca, obtuvo el nivel 2 dentro del IDAP.

2.3.1 Número y % de matrícula atendida en PE de TSU/PA y Licenciatura de calidad del total asociada a los PE evaluables 15,804 70.3 17,982 80 18,784 18,784 83.57% 18,784 104.46%

Con el aumento de P.E. reconocidos por organismos externos se ha logrado una matrícula de calidad de 18,784 estudiantes.

Adicionalmente con base en los datos oficiales en el PRFCE, la Universidad de Guanajuato cuenta con el 81.5% de matrícula de calidad.

Total de Programas Educativos de postgrado Universos: 97



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59 PE de licenciatura cuentan con un reconocimiento externo a su calidad, otorgado por organismos acreditadores reconocidos por el COPAES o los CEES. Durante el año 2018, 28 programas educativos han iniciado proceso de evaluación, acreditación o reacreditación, de los cuales, 13 P.E. no contaban con reconocimiento a su calidad por algún organismo externo. De estos once P. E. licenciaturas en Química a través del organismo COMATECQ, la Licenciatura en Enfermería y Obstetricia (Sesla León) a través del organismo COMACE, han culminado con la etapa de auto evaluación y encuentran en espera de visita para el próximo año. De los once P. E. restantes, se han recibido resultados favorables de: Ingeniería en Energías Renovables CIE, Licenciatura en Antropología Social CIE, Licenciatura en Sociología CIE, Licenciatura en Químico Farmacéutico Biólogo (CFTO) y del Programa de Ingeniería en Sistemas Computacionales CIE se recibió dictamen con resultado negativo, sin embargo, se encuentra en proceso de impugnación. Se está en espera de los dictámenes de la Licenciatura en Cultura y Arte CIE, Licenciatura en Matemáticas CFTO, Ingeniería Química CFTO, Ingeniería en Minas CFTO, Ingeniería en Geología CFTO e Ingeniería en Metalurgia CFTO. Dos PE se incorporaron al Padrón con nivel I PLUS del IDA: Lic. en Derecho por 4to. año y Lic. en Ingeniería Mecatrónica. Asimismo, la licenciatura en Comercio Internacional CFTO y la licenciatura en Administración de la Calidad y la Productividad iniciaron su proceso de acreditación Internacional a través del Consejo de Acreditación de Ciencias Sociales, Contables y Administrativas en la Educación Superior de Latinoamérica A.C. (CASISA) En materia de posgrados, 62 PE de posgrado, se encuentran reconocidos dentro del Padrón Nacional de Posgrados de Calidad (PNPC).

Para avanzar en el número de programas educativos reconocidos por su calidad se atendieron varias acciones: • A la fecha se cuenta con 139 programas educativos que se han adecuando al Modelo Educativo de la Universidad de Guanajuato (MEUG), con lo que se asegura que cuentan con las características de flexibilidad y contradas en el estudiante entre otros elementos que define el MEUG. • Se consolidó un plan institucional para las necesidades de equipamiento, siendo esta una iniciativa que posibilita a los programas educativos a contar con los elementos básicos para su operación mediante el provisionamiento de mobiliario y equipo técnico. • Como iniciativa institucional, impulsada a partir de presente proyecto de atención a problemáticas comunes a los CEES, ha sido posible la adquisición de monografías y obras de consulta para las 28 bibliotecas de los Campus Universitarios que brindan servicio a los estudiantes del nivel superior. De esta manera se cuenta con bibliografía actualizada para los programas educativos. • Se refinaron las inversiones en 2018 de suscripciones a recursos electrónicos de información a través del Consejo Nacional de Recursos de Información Científica y Tecnológica (CONICIT), para contar con recursos digitales de colecciones que contribuyen a los programas educativos de Ingenierías, áreas de la salud, artes entre otros. • Para atender el reto institucional de mejorar los indicadores de eficiencia terminal y tasa de titulación, se han modificado los requisitos de ingreso y obtención de grado, homologando estos criterios en los programas educativos de esta Casa de Estudios. De tal forma que a partir de 01 de enero del 2019 entra en vigor el Reglamento Académico que en sus artículos del 18 y 71 al 80 brindan al estudiante certidumbre sobre los procesos y requisitos para su ingreso y titulación. • Se continúa con el desarrollo de los estudios de egresados y de empleadores, como un proceso sistemático, impulsado desde la Rectoría General, a efecto de contribuir a que los programas educativos cuenten con información oportuna para avanzar en sus procesos de acreditación.

56 han incrementado las siguientes indicadores de Capacidad Académica respecto del 2017: • El número de PTC con grado de licenciatura se ha reducido de 35 a 21, en el entendido de que los profesores han adquirido el título de un programa de posgrado. • El número de PTC con perfil deseable reconocido por el PRODEP SES incrementó de 697 a 713. • El número de PTC con adscripción al SIN o SNC aumento de 545 a 555 profesores. • El número de PTC que participan en el Programa Institucional de Tutorías subió a 941 profesores. • Su cuenta con 43 Cuernos Académicos Consolidados • El número de Cuernos Académicos en consolidación subió de 50 a 54. • El número de Cuernos Académicos en formación subió de 20 a 21, derivado de creación de nuevos cuernos académicos. Respecto a los indicadores de competitividad académica, se ha avanzado en los siguientes aspectos: • El número de P. E. que cuentan con nivel 1 de CIES subió de 20 a 24 P.E. • El número de P.E. acreditados por organismos reconocidos por el COPAES subió de 36 a 45 programas acreditados. • El número de P.E. de licenciatura y TSU de calidad del total de la oferta educativa evaluable es de 59, nueve más que en el 2017. • La matrícula de calidad es de 18,784 estudiantes de la matrícula total de los programas educativos evaluables, lo que representa el 79.21%. • El número de posgrados reconocidos por el Programa Nacional de Posgrados de Calidad (PNPC) es de 62 posgrados.

Profesores Beneficiarios

Tipo de contratación	Movilidad académica		Total
	Nacional	Internacional	
Profesores de Tiempo Completo		164	164
Profesores de Medio Tiempo			
Profesores de Asignatura		164	164
Total		164	164

Alumnos beneficiarios

Tipo	Movilidad Académica		Total
	Nacional	Internacional	
TSU/PA	0	0	0
Licenciatura	11	162	173
Posgrado	0	0	0
Total	11	162	173

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Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto: P/PFCE-2018-11M5U0013Z-01

- 3.- La Revolución en carne y hueso. Las prácticas deportivas como evidencia del cambio social en México y Guanajuato, 1920-1960
 - 4.- Todavía soñamos. Cultura y patrimonio en Latinoamérica
 - 5.- Investigación científica cualitativa en Administración: Conceptos, consideraciones reflexiones, conclusiones y propuesta
 - 6.- Transformación de las Prácticas Docentes
 - 7.- Otra línea de papirus
 - 8.- Abandono escolar en la educación media superior de México, políticas, actores y análisis de casos
 - 9.- Abandono escolar en la educación media superior de México, políticas, actores y análisis de casos
 - 10.- A la salud del Incurable. Homenaje a David Huerta
 - 11.- Colección de estudios políticos
 - 12.- Colección de estudios políticos
 - 13.- Formas del capital. Origen de la desigualdad de oportunidades para acceder a la educación superior
 - 14.- El acervo bibliográfico del Convento de San Pedro de Alcánizara de Guanajuato
 - 15.- El índice de desarrollo humano, estimación con datos de la encuesta intercensal 2015 del INEGI
 - 16.- Como una gente. El uso del arpa entre los pueblos indígenas de México
 - 17.- Innovación y competitividad de negocios: perspectivas para el desarrollo económico
 - 18.- Multidisciplinariedad en la Investigación Científica en la DCNE
 - 19.- Ciencia, Innovación y emprendedurismo en la DCNE
 - 20.- Investigación e Innovación en la DCNE
 - 21.- Aspectos de la Investigación musicológica actual
 - 22.- Gas lacrimígeno y otras cosas que no son poemas
 - 23.- Umbrales
 - 24.- Abs a la obra
 - 25.- Actividad económica de los Otero, una familia minera guanajuatense (1700-1950)
 - 26.- Odisea
 - 27.- Enreda PARTE I
 - 28.- Enreda PARTE 2
 - 29.- El sismo de oro
 - 30.- Fábulas
 - 31.- Método acerca de los teoremas mecánicos
 - 32.- Odisea PARTE I PDF
 - 33.- Enreda PARTE I PDF
 - 34.- Enreda PARTE II PDF
 - 35.- El sismo de oro
 - 36.- Fábulas PDF
 - 37.- Método acerca de los teoremas mecánicos PDF
 - 38.- Historia del Colegio del Estado de Guanajuato
 - 39.- Nuda Veritas
 - 40.- Actitudes
 - 41.- Cuaderno de escritura
 - 42.- El tigre en la casa
 - 43.- Prosa
 - 44.- Fondo Editorial
 - 45.- Odisea PARTE II IMPRESA
- Capítulos de Libros**
- 1.- Reactor design for advanced oxidation processes
 - 2.- Statistical comparative between selection rules for adaptive operator selection in vehicle routing and multi-knapsack problems
 - 3.- Symbolic regression by means of grammatical evolution with estimation distribution algorithms as search engine
 - 4.- Partially-connected artificial neural networks developed by grammatical evolution for pattern recognition problems
 - 5.- Optimization of the parameters of smoothed particle hydrodynamics method, using evolutionary algorithms
 - 6.- The emerging role of salmonella enterica as a therapeutic agent against cancer
 - 7.- Electrical impedance signal analysis for medical diagnosis
 - 8.- Correlation between previous use, personal factors and contraceptive behavior in women
 - 9.- The market prospect of solar technology in mexico
 - 10.- The design of solar collector networks
 - 11.- Thermo-hydraulic performance of solar collectors
 - 12.- Solar collectors: Types and applications
 - 13.- A parameter design tool for solar collectors
 - 14.- Solar collectors: Applications and performance
 - 15.- L-lysine modified poly(ester-urethane) based on polyacrylate for controlled release of hydrocortisone

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Artículos

- 1.- Energy and entropy study of a SOFC using biogas from different sources considering internal reforming of methane
- 2.- Changing recharge pathways within an intensively pumped aquifer with high fluoride concentrations in Central Mexico
- 3.- Environmental behavior of coated NMs: Physicochemical aspects and plant interactions
- 4.- Comparative evaluation of three different ELISA assays and qPCR-E3I-ITMS/MS for the analysis of N₂-carboxymethyl lysine in food samples
- 5.- Autoimmune and paraneoplastic movement disorders: An update
- 6.- Cholesterol biosensor based on a plastic optical fiber with sol-gel structural analysis and sensing properties
- 7.- A dual modality optical fiber sensor
- 8.- The additive completion of the biest category
- 9.- Calcium phosphate growth on sintered γ -alumina treated with piranha solution using a wet-chemical procedure
- 10.- Study of guided wave propagation on a plate between two solid bodies with imperfect contact conditions
- 11.- Productivity analysis of lateral CIPF rehabilitation process using simphony simulation modeling
- 12.- Noncovalent interactions between distalpin and graphene prototypes
- 13.- Abrupt promoter methylation in genes related to hematopoietic malignancy in workers exposed to a VOC mixture
- 14.- Cationic (ca 5-CMe4R)RhII complexes with Metacatal Ayl Phosphines Featuring ca 4-Phosphorus plus Pseudo-Allylic Coordination
- 15.- Chaperonin recovery from aqueous solution by emulsion liquid membranes using soy lecithin as carrier
- 16.- Green synthesis of silver nanoparticles in oil-in-water microemulsion and nano-emulsion using geranium leaf aqueous extract as a reducing agent.
- 17.- Foliations on CP2 of degree d with a singular point with Milnor number $2d + 4d - 1$
- 18.- Locus of control in male choice: Etno-psychometric validation (Locus de control en la elección de pareja: Una validación etnopsicométrica)
- 19.- Coupling of the electrochemical oxidation (EO-BDD)/photoanalysis (ITQ2-Fs-N) processes for degradation of acid blue B1 dye
- 20.- Efficient degradation of selected polluting dyes using the tetrahydroxogermanate ion, $\text{Ag}(\text{OH})_4^-$, in alkaline media
- 21.- Process design and intensification for the production of solar grade silicon
- 22.- Interventions to reduce alcohol consumption in adolescents: A systematic review (Intervenciones para disminuir el consumo de alcohol en adolescentes: Una revisión sistemática)
- 23.- Treatment of landfill leachate by a combined process: Iron electrocoagulation, iron oxidation by H₂O₂ and chemical flocculation
- 24.- A well defined glass state obtained by oscillatory shear
- 25.- Electrochemical determination of mangiferin using glassy carbon electrodes modified with carbonaceous nanomaterials
- 26.- Development of MgOx-TOx coating for modulation of Mg corrosion resistance
- 27.- Antimicrobial activity of broccol (Brassica oleracea var. Italica) cultivar 'Avenger' against pathogenic bacteria, phytopathogenic filamentous fungi and yeast
- 28.- Antimicrobial activity of broccol (Brassica oleracea var. Italica) cultivar 'Avenger' against pathogenic bacteria, phytopathogenic filamentous fungi and yeast: Text matching to measure patent similarity
- 29.- Binary colloidal glasses under transient stress: and strain-controlled shear
- 30.- Successful refeeding and NMR structure of ribaglitazone: A disulfide-rich insecticidal spider toxin
- 31.- NR-(carboxymethyl)-lysine content in cheese, meat and fish products is affected by the presence of copper during elaboration process
- 32.- Intensification of the hydrotreating process to produce renewable aviation fuel through reactive distillation
- 33.- LC-MS/MS proteomic analysis of starved bacillus subtilis cells overexpressing ribonucleotide reductase (rdtE): Implications in stress-associated mutagenesis
- 34.- A protein complex bearing an oxidase with naphthalene dihydrodioxydehydrogenase activity is induced in *Mucor circinelloides* strain Vr-1 during growth on polycyclic aromatic compounds
- 35.- Biochemical and genetic analysis of a unique poly(ADP-ribosyl) glycohydrolase (PARG) of the pathogenic fungus *Fusarium oxysporum* f. sp. *lycopersici*
- 36.- Energy, energy and techno-economic analysis for biobutanol production: a multi-objective optimization approach based on economic and environmental criteria
- 37.- Multiobjective optimization for the socio-eco-efficient conversion of lignocellulosic biomass to biofuels and bioproducts
- 38.- Comparison of a concurrent and a sequential optimization methodologies for serial manipulators using metaheuristics
- 39.- Half-Sandwich Complexes of an Extremely Electron-Donating, Redox-Active 76-diborabenzene Ligand
- 40.- Stable U-3-(chromium)-steres\binas/s\forms</formulas> Activation in an Inflammation Signaling Model Depends on Positive and Negative Feedbacks and Tight Regulation of Protein Production
- 41.- Further Results on Induced μ -PII Fibril Filtering
- 42.- DFT study of substituent effects in the hydrogenation of methane and toluene mediated by an ethylbenzene dehydrogenase active site model
- 43.- Generalized dyslexia associated with mutation in the histone methyltransferase gene KMT2B (DOT2B) and white matter abnormalities
- 44.- Task design characteristics and EFL learners' complexity, accuracy and fluency during uncontrolled pair interactions: A naturalistic perspective
- 45.- A closed form expression for the Gaussier-based α -Boltzao fractional derivative for signal processing applications
- 46.- Altement of the antibiotic levofloxacin in a solar photoelectro-Fenton flow plant: Modeling the dissolved organic carbon concentration-time relationship
- 47.- Vertical hydrogen associated with glutamic acid decarboxylase antibodies responding to cyclophosphamide
- 48.- Contact angle and vacuum floatability of ultrafine size particles
- 49.- You Know English, so Why Don't You Teach? Language Ideologies and Returnees Becoming English Language Teachers in Mexico
- 50.- Electrolysis of hydrogen peroxide in a filter-press flow cell using graphite felt as air-diffusion cathode
- 51.- A switched system approach to formation control and heading consensus for multi-robot systems
- 52.- An Experimental Comparative Evaluation of Machine Learning Techniques for Motor Fault Diagnosis Under Various Operating Conditions
- 53.- The Influence of Temperature and Salinity on Mortality of Recently Recycled Blue Crabs, *Callinectes sapidus*, Naturally Infected with *Hemakolium peresi* (Dinoflagellata)
- 54.- Exploring the gauge/gravity duality of a generalization von Neumann entropy
- 55.- Comments on MacDowell-Mansouri Gravity and Torsion
- 56.- Liver X receptor-binding DNA motif associated with alpha-orderosis- Specific DNA methylation profiles of Alu elements and neighboring CpG Islands
- 57.- Transition-Metal 2-Ligation of a Tetrahaloborate

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- 58.- Experience of family caregivers of women with breast cancer: An integrative review [Experiencia de cuidadores familiares de mujeres con cáncer de mama: Una revisión integradora] [Experiencia de cuidadores familiares de mujeres con cáncer de mama: Una revisión integradora]
- 59.- Dihalogenation of unsaturated species with a reactive bis(cyclopropenylidene) dihalane
- 60.- Low-threshold parametric excitation in organically modified microcavities
- 61.- Effect of europium concentration on the photoluminescent and thermoluminescent properties of HfO₂:Eu³⁺ nanocrystals
- 62.- Effect of europium concentration on the photoluminescent and thermoluminescent properties of HfO₂:Eu³⁺ nanocrystals
- 63.- Switchable multi-wavelength laser based on a core-offset Mach-Zehnder interferometer with non-zero dispersion-shifted fiber
- 64.- Inclusion of 1⁺ and 2⁺ species on clay surfaces and their effect on the interaction with organic molecules
- 65.- Adaptive robust NS/UVB-integrated human trading using UTR filter bank
- 66.- Chemical characterization, pharmacological effects, and toxicity of an ethanol extract of *Celtis pallida* Torr. (Cannabaceae) aerial parts
- 67.- Chemical characterization, pharmacological effects, and toxicity of an ethanol extract of *Celtis pallida* Torr. (Cannabaceae) aerial parts
- 68.- Branch reconfiguration of fibrillar linkages based on toroids intersections: Line-symmetric case
- 69.- Branch reconfiguration of fibrillar linkages based on Toroids intersections: Plane-symmetric case
- 70.- Evolutionary hyper-neuristics for reading bi-objective 2D bin packing problems
- 71.- Effects of acoustic waves on plants: An agricultural, ecological, molecular and biochemical perspective
- 72.- Comparison of the thermo-hydraulic performance and the entropy generation rate for two types of low temperature solar collectors using CFD
- 73.- Effects of the presence of organic matter on the removal of arsenic from groundwater
- 74.- Thermodynamic geometry for a non-extensive ideal gas
- 75.- Fractional optical properties of Drude model
- 76.- Integration of a calcium looping process (CaL) to molten carbonate fuel cells (MCFCs): as carbon concentration system: First findings
- 77.- 8-N-Cloped graphene as catalyst for the oxygen reduction reaction: Insights from periodic and cluster DFT calculations
- 78.- Semi-classical S6FT-VR-2D modeling of adsorption selectivities for binary mixtures of hydrogen and methane adsorbed onto MOFs.
- 79.- Potential impacts of dietary L-carnitine supplements in a simulated ruminal fermentation system and environmental biogas production
- 80.- Ultrasound assisted green synthesis of bound type bis-heterocyclic carbazole/indazole/1,2,4-triazines via Greiner-Baumann-Blenner reaction
- 81.- Influence of ball-milling on roughness, hardness and corrosion resistance of AISI 1045 steel
- 82.- Red fluorescent protein (DsRed) optimization for *Emmamoeba histolytica* expression
- 83.- Cost function to analyze the pastboard and the Stoptand of Digital Biquadratic Filters
- 84.- Nitrate assimilation pathway (NAP): role of structural (nif) and transporter (nirX) genes in *Fusarium oxysporum* f.sp. *lycopersici* growth and pathogenicity
- 85.- Ecological assessment of a reforestation plant using computational intelligence based on hybrid learning methods
- 86.- Sporotrichosis between 1898 and 2017: The evolution of knowledge on a changeable disease and on emerging etiological agents.
- 87.- Inhibiting the amine floation of magnetite through aggregation with uniform low magnetic fields and no chemical depressants
- 88.- Thermogravimetric characterization of tyrosine and catechol adsorbed on montmorillonite
- 89.- Prism based Surface Plasmon Resonance for Dual Parameter Sensing
- 90.- Thermography based Methodology for Multi-fault Diagnosis on Kinematic Chain
- 91.- Ultrasound assisted reaction of 1,4-naphthoquinone with anilines through an EDA complex
- 92.- Evaluating concurrent design approaches for a Delta parallel manipulator
- 93.- On the practical estimation of unknown inputs for polytopic LTI systems
- 94.- Variations in horizontal and vertical individualism-collectivism in four regions of Mexico / Variaciones en el individualismo-colectivismo horizontal y vertical en cuatro regiones de México
- 95.- From Sociological Interpretation to Political Science
- 96.- Solar thermal networks operating with evacuated-tube collectors
- 97.- Synthesis of Novel Hybrid 4 H -Pyran-lypic and 4 H -Pyran-azetidine Derivatives
- 98.- Functional characterization of Tc-Cy2, a member of the p50 monooxygenases from trichoderma virens relevant during the association with plants and mycoparasitism
- 99.- Unexpected reactivity of pyridinium salts toward alkyl/ Fischer complexes to produce *exo*-heterocycles.
- 100.- An assessment of the effect of printing orientation, density, and filler pattern on the compressive performance of 3D printed ABS structures by ink deposition
- 101.- Patient-specific model-based segmentation of brain tumors in 3D intraoperative ultrasound images
- 102.- Multiple hereditary osteochondrodysplasias with spinal cord compression: case report
- 103.- Hybrid Approach based on GA and PSO for Parameter Estimation of a Full Power Quality Disturbance Parameterized Model
- 104.- Non-thermal Technologies as Alternative Methods for *Saccharomyces cerevisiae* inactivation in Liquid Media: A Review
- 105.- Minimum Weighted Frobenius Norm Discrete-Time FIR Filter with Embedded Unbiasness
- 106.- On the phantom barrier crossing and the bounds on the speed of sound in non-minimal derivative coupling theories
- 107.- Genetic parameter estimation for pre-weaning growth traits in Jordan Awassi sheep
- 108.- Sensor compromise detection in multiple-target tracking systems
- 109.- Characterization and Integrated Process of Pretreatment and Enzymatic Hydrolysis of Corn Straw
- 110.- Higher Diastolic levels are associated with higher prevalence of small dense low-density lipoprotein in obese adolescents
- 111.- Aerobic training but no resistance training increases SM13 in skeletal muscle of sedentary obese male adolescents
- 112.- Aspirin exacerbated respiratory disease: current topics and trends
- 113.- Microeconomic-ensemble computer simulation of the high-temperature expansion coefficients of the Helmholtz free energy of a square-well fluid
- 114.- Electrically induced changes in amaranth seed enzymatic activity and their effect on bioactive compounds content after germination
- 115.- Mutation of the HERC1 Ubiquitin Ligase Impairs Associative Learning in the Lateral Amygdala
- 116.- Assessment of the antinociceptive and ulcerogenic activity of the Tapanadol-diclofenac combination in rodents
- 117.- Measurement of total and differential cross sections of neutrino and antineutrino coherent γ production on carbon

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Clave de convenio: C/PFCE-2018-11MSU00132-07-18
 "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"
 Proyecto: SIIP
 Clave de Proyecto: P/PFCE-2018-11MSU00132-01

- 118.- In Situ Formed IIII-Based Reagent for the Electroplink ortho-Chlorination of Phenols and Phenol Ethers: The Use of PIFA-AIC3 System
- 119.- Roof eelwater harvesting in central Mexico: Uses, benefits, and factors of adoption
- 120.- Agave fructans and oligonucleos decrease oxidative stress in brain regions involved in learning and memory of overweight mice
- 121.- Asenopyrrole oxidation with ozone: stoichiometry and kinetics
- 122.- The lower shell envelope of smooth functions: An optional decomposition
- 123.- Simultaneous removal of fluoride and arsenic from groundwater by electrocoagulation using a filter-press reactor with a three-cell stack
- 124.- On the effect of gas channels-electrode interface area on SOFCs performance
- 125.- Newton's law of cooling with fractional conformable derivative
- 126.- Proteases of *Sporothrix schenckii*: Cytopathological effects on a host-cell model [Proteasas de *Sporothrix schenckii*: efectos citopatológicos en un modelo de células huésped]
- 127.- Friction and diffusion of a nano-colloidal disk in a two-dimensional solvent with a liquid-liquid transition
- 128.- Transcriptional coupling (TvdI) and DNA damage scanning (DGA) coordinate excision/repair events for efficient *Bacillus subtilis* spore outgrowth
- 129.- Mineral trioxide aggregate enriched with iron disulfide nanostructures: An evaluation of their physical and biological properties
- 130.- Functional characterization of the *Sporothrix schenckii* (K14 and K15), mammalystriases involved in the Unfolded Bicosylation pathway
- 131.- The potential for solid hydrogen release from cryogenic pressure vessels after vacuum insulation failure
- 132.- Diversity of saxicolous macrofungi in Mexico: Case study of the mining district of Guanajuato [Diversidad de macrohongos saxícolas en México: Caso de estudio del distrito minero de Guanajuato]
- 133.- Development, yield, and quality of melon fruit (Cucumis melo L.) inoculated with Mexican native strains of *Bacillus subtilis* (entrebuer). [Desarrollo, rendimiento y calidad del fruto de melón (Cucumis melo L.) de plantas inoculadas con cepas mexicanas de *Bacillus subtilis* (entrebuer)]
- 134.- The origin of the world by Gustave Courbet [El origen del mundo de Gustave Courbet]
- 135.- Clusters of starch-PCL and their effect on the physicochemical properties of films
- 136.- Effect of Acid Marination Assisted by Power Ultrasound on the Quality of Rabbit Meat
- 137.- Filter with selectable passband based on a miniaturized resonator
- 138.- A palette of background-free laser fluorescent probes for intracellular multi-color labeling in live cells
- 139.- Aray probe density and pathobiological relevant CIG calling files in human disease and physiological DNA methylation profiling
- 140.- Synthesis of 12-tetraethylmethyl-spiropyridoline-3,3'-oxindoles [Via two coupled one-pot processes Up-sador/Pficer-Spengler and oxidative spiro-rearrangement]
- 141.- Early stages of antibacterial damage of metallic nanoparticles by TEM and STEM-HAADF
- 142.- Self-medication practice in pregnant women from central Mexico
- 143.- Proteolytic activity and peptide concentration of goat milk yogurt added with probiotics [Actividad proteolítica y concentración peptídica en yogur de leche de cabra adicional con probióticos]
- 144.- Ethnic/racial differences in gastrointestinal symptoms and diagnosis associated with the risk of *Helicobacter pylori* infection in the US
- 145.- Study of the first Mexican RF linear accelerator
- 146.- Bio-reactor design for enzymatic hydrolysis of biomass under the biorefinery concept
- 147.- High sensitivity strain sensors based on single-mode-fiber core-offset Mach-Zehnder interferometers
- 148.- Adaptive-Horizon Iterative UFR Filtering Algorithm with Applications
- 149.- Optimization of a solar collector with evacuated tubes using the simulated annealing and computational fluid dynamics
- 150.- Operation under composite conditions of klystron-modified polyethylene based on PCL obtained by lipase biocatalysis
- 151.- Prediction of heat transfer coefficients for forced convective boiling of N_2 -hydrocarbon mixtures at cryogenic conditions using artificial neural networks
- 152.- The occurrence of immune priming can be species-specific in entomopathogens
- 153.- Image dehazing using morphological opening, dilation and gaussian filtering
- 154.- Abel 1367: A high fraction of late-type galaxies displaying H α morphological and kinematic perturbations
- 155.- Environmental implications for the production of honey from mesquite (*Prosopis laevigata*) in semi-arid ecosystems [Implicaciones ambientales para la producción de miel de mezquite (*Prosopis laevigata*) en ecosistemas semiáridos]
- 156.- Pyrite oxidation with ozone: stoichiometry and kinetics
- 157.- Reactive Distillation Column Design for Tetrahydroxylane (TEOS) Production: Economic and Environmental Aspects
- 158.- Short- and long-time diffusion and dynamic scaling in suspensions of charged colloidal particles
- 159.- Phase boundaries, nucleation rates and speed of crystal growth of the water-ice transition under an electric field: A simulation study
- 160.- Data descriptor: Spatial distribution of arable and abandoned land across former Soviet Union countries
- 161.- Effects of optical attenuation, heat diffusion, and acoustic coherence in photonic signals produced by nanoparticles
- 162.- Chirn and temperature effects in parametric down conversion from crystals pumped at 800 nm
- 163.- Suicidal Ideation, Depressive Symptomatology, and Self-Concept: A Comparison between Mexican Institutionalized and Noninstitutionalized Children
- 164.- PROA-based online FOD detection and classification through DWT, mathematical morphology and SVM
- 165.- Crystal structure and Hirshfeld surface analysis of 3-cyanophenylboronic acid
- 166.- A New Unbased FIR Filter with Improved Robustness Based on Frobenius Norm with Exponential Weight
- 167.- Unwelling the hot molecular core in the Ultracompact H II region with extended emission G12.2L-0.10
- 168.- A Revisit to Strictly Passive FIR Filtering
- 169.- Non-Abelian T-duality in Gauged Linear Sigma Models
- 170.- Iterative Maximum Likelihood FIR Estimation of Dynamic Systems with Improved Robustness
- 171.- Cell walls of the dimorphic fungal pathogens *Sporothrix schenckii* and *Sporothrix brasiliensis* exhibit bilaminar structures and sloughing of extensive and intact layers
- 172.- Mycetozoa and Phloctetes [Mycetozoa y Filicetes]
- 173.- Reconfiguration of the multianode-length operation of optical fiber ring lasers by the modifiable intra-cavity induced losses of an in-fiber tip probe modal Michelson interferometer
- 174.- Highly stable multi-wavelength erbium-doped fiber laser based on modal interference
- 175.- Phase space deformations in platinum cosmology
- 176.- Toy Teichmüller spaces of real dimension 2: the pentagon and the punctured triangle
- 177.- Effect of maximal and submaximal exercise on albumin excretion in older adults [Efecto del ejercicio máximo y submáximo sobre excreción de albumina en adultos mayores]

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Clave de convenio: C/PFCF-2018-11MSU0013Z-07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto: P/PFCF-2018-11MSU0013Z-01

- 178- The effects of a bonus-malus workers' compensation system on the labor force structure, productivity, and welfare
- 179- The negative effect of arsenic in agriculture: Irrigation water, soil and crops, state of the art
- 180- Microcalculations detection using image processing
- 181- Entropy generation analysis of a solid oxide fuel cell by computational fluid dynamics: Influence of electrochemical model and its parameters
- 182- Effect of the Reduction Temperature of PdAg Nanoparticles during the Polyo(Process in the Ethanol Electrooxidation Reaction
- 183- Facile reactions of gold(0) complexes with $\text{Cr}(\text{VI})$: $\text{Ter}(\text{Bu})_2\text{zsdiboridene}$
- 184- Association between dental hygiene, gingivitis and overweight or the risk of overweight in primary teeth of 4- and 5-year-old preschoolers in Mexico
- 185- Infection, Alveolar Osteitis, and Adverse Effects Using Metronidazole in Healthy Patients Undergoing Third Molar Surgery: A Meta-analysis
- 186- Diffuse neutron supersonic background as a cosmological test
- 187- Non-canonical Mechanisms of Presynaptic Vesicle Receptor Controlling Glutamate Release
- 188- Spatial distribution of arable and abandoned land across former Soviet Union countries
- 189- Block-Coil/High-Field Dipoles Using Superconducting Cable-in-Conduit
- 190- Fluorescence properties of Vb3+ - $\text{E}2\text{A}+$ co-doped phosphate glasses containing silver nanoparticles
- 191- Quiet: A Quaternion-based Approach for Camera Motion Estimation From Minimal Feature Points
- 192- Measurement of the muon antineutrino double-differential cross section for quasielastic-like scattering on hydrocarbon at E_ν similar to 3.5 GeV
- 193- Synthesis of zeolite membranes on calcium silicate support and their bioactive response
- 194- On modelling fossil fuel prices: geometric Brownian motion vs. variance-gamma process
- 195- Dark image enhancement using Perceptual Color Transfer
- 196- Gender's Commands Scale: Validation with Mexican college students
- 197- Factors that intensify toxicological risk in communities exposed to arsenic in water
- 198- A Comparative Analysis of 2-(Phenylamino)ethyl) Benzothiazole Degradation Using Electro-Fenton and Anodic Oxidation on a Boron-Doped Diamond Electrode
- 199- Tip Fiber-Optic Intermodal Interferometer for Reflective Index Sensing
- 200- New Receding Horizon HIK Estimator for Blind Smart Sensing of Velocity via Position Measurements
- 201- Comparative study for degradation of industrial dyes by electrochemical advanced oxidation processes with BDD anode in a laboratory stirred tank reactor
- 202- Coronary artery segmentation in X-ray angiograms using graph filters and differential evolution
- 203- Energetic and exergetic performance comparison of different polygeneration arrangements utilizing geothermal energy in cascade
- 204- Experimental investigation of hardwood air gasification in a pilot scale bubbling fluidized bed reactor and CFD simulation of $\text{Fe}/\text{Fe}2\text{O}3$ and pressure conditions
- 205- Energetic, environmental and economic sustainability assessment of stationary Molten Carbonate Fuel Cells
- 206- Synthesis of mass exchange networks: A novel mathematical programming approach
- 207- $\text{Ti}(\text{IV})$ - $\text{Sn}(\text{IV})$ - Sb oxide anode: Service life and role of the acid sites content during water oxidation to hydroxyl radicals
- 208- Verhulst's emergent gravity versus MOND and the case of dwarf spheroidal
- 209- A quick and effective method for evaluating substrate-enzyme systems in the enzymatic hydrolysis of lignocellulosic biomass
- 210- Enhanced Quality Control in Pharmaceutical Applications by Combining Raman Spectroscopy and Machine Learning Techniques
- 211- Integration of Numerical, Theoretical & Experimental Methods for the Calculation and Measurement of Strains in an Experimental Stress Analysis Lecture
- 212- Effects of Intensification on process features and control properties of lignocellulosic bioethanol separation and dehydration systems
- 213- Experimental study of non-stationary operation of a dual-wavelength passively mode-locked fibre ring laser
- 214- Trace element contents in fine particulate matter (PM2.5) in urban school microenvironments near a contaminated beach with mine tailings, Chafaral, Chile
- 215- Solvent- and Catalyst-Free One-Pot Green Bound-Type Fused Bis-Heterocycles Synthesis via Goebble-Bladburn-Bienaymé Reaction/ $\text{SMA}/\text{Ring-Chain Aldol}$ -Tautomerization Strategy
- 216- Synthesis and evaluation of antidiabetic and anti-inflammatory effects of nitro-porphyrins
- 217- Comparison between Fenton and Fenton-like reactions for H-proline degradation
- 218- $\text{CO}2$ binding and splitting by Boron-Boron Multiple Bonds
- 219- Conducting Polymers in the Fields of Energy, Environmental Remediation, and Chemical-Chiral Sensors
- 220- Comparing Robustness of the Kaiman, L_{inf} , and L_{1} Norms
- 221- Slime caking of kaolinite on calcopyrite in saline water flotation
- 222- Assessment of the acid drainage neutralization capacity and the toxic metals leachability of tailing from Guanajuato mining district, Mexico
- 223- Hand preferences in two unimanual and two bimanual coordinated tasks in the black-handed spider monkey (*Ateles geoffroyi*)
- 224- Association between Nonalcoholic Fatty Liver Disease and Severe Male Reproductive Organ Impairment (Genital Epithelial Loss): Study on a Mouse Model and on Human Patients
- 225- Anticoagulant Privileged Diversity-Oriented Synthesis (APODS): An Efficient Strategy to Populate Relevant Chemical Spaces
- 226- Modelling Laboratory Fischer-Tropsch Synthesis Using Cobalt Catalysts
- 227- NADPH Cofactor Activation via Remote C-H Bond Activation of $\text{Bp-}2\text{-pyridylbenzothiazole}$: An Experimental Study
- 228- Nursing intervention in women who developed lymphedema after undergoing a modified radical mastectomy: A pre-experimental study
- 229- Evidence for Current Presence of a Ciliated Pterid (Pterid tigris) Population in Guanajuato, Mexico
- 230- Mastone acetyltransferase (IGF-1) regulates trichoderma strawhead secondary metabolism and mycoparasitism
- 231- The dark side of flipped fabrication
- 232- Intelligent neuro-fuzzy fabric evaluation system: A novel multi-dimensional stochastic fuzzy system and a generator of training patterns for an artificial neural network
- 233- Phosphorus effect on arsenic accumulation of barley (*Hordeum vulgare* L.) through irrigation with contaminated water (Efecto del fósforo en la acumulación de arsénico en cebada (*Hordeum vulgare* L.) por riego con agua contaminada)
- 234- Practical, mild and efficient electrocyclic bromination of phenols by a new [Ir]III -based reagent: The $\text{PIVA-MB}3$ system
- 235- Los polifenoles de la frasa disminuyen el estrés oxidativo em enfermedades crónicas
- 236- Distinguishing features between valproate-induced tremor and essential tremor
- 237- Adaptation of the Contractible Behavior Scale for Mexican Heterosexual Populations



Clave de convenio: C/PCE-2018-11MSU00132-07-18

Proyecto:

"Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto:

P/PCE-2018-11MSU00132-01

- 238.- Numerical study on the effect of distribution plates in the manifolds on the flow distribution and thermal performance of a flat plate solar collector
- 239.- Environmental Impact and occupational hazard evaluation on intensified processes to produce diphenyl carbonate
- 240.- Physicochemical Characterization of Wheat Straw during a Continuous Pretreatment Process
- 241.- ^{14}C due to scattered radiation on the cancer-patient bodies treated with Tomotherapy
- 242.- Simultaneous XEDS-EBSD Study of NiCoAlFeCrTi Multi-Component Alloys
- 243.- Stealth Superconducting Magnet Technology for Collider RH and Injector Requirements
- 244.- Characterization of the Molecular Target RGE2 of Paracetamolides Used in the Development of New Antitumor Therapies
- 245.- Mixtures from dihalides of Organic spinellera Salt-Dye: chemical, morphological, structural and thermal characterization
- 246.- A Novel Inductance Coupled Plasma-Atomic Fluorescence Spectrometry for the Segmentation of X-Ray Coronary Angiograms
- 247.- Mechanism of Tri-Hydrophosphorylation Involving Lysosomal Enzyme Asparaginase Endopeptidase in a Mouse Model of Brain Ischemia
- 248.- Development and Application of a Fuzzy Control System for a Lead-Acid Battery Bank Connected to a DC Microgrid
- 249.- Thermoluminescence from Cu Doped Lithium Tetraborate Irradiated with X-ray and gamma Using Cs-137 Radioactive Source
- 250.- Effects and fate of TiO₂ nanoparticles in the anaerobic treatment of wastewater and waste sludge
- 251.- Numerical study of superconductor generation using noise-like pulses in standard fibre
- 252.- Dielectric characterization of raw and packed soy milks from 0.5 to 20 GHz at temperatures from 20 to 70 °C
- 253.- Calculating particle pair potentials from fluid-state pair correlations: iterative Ornstein-Zernike inversion
- 254.- Measurement of Final State Correlations in Neutronium-Proton Mesonless Production on Hydrocarbon at $E_{\nu} \approx 3$ GeV
- 255.- Inhibiting X-ray and optical variations of the gamma Casiopeiae analog HD 45314
- 256.- Spin portal to dark matter
- 257.- Synthesis, photophysical study, and biological application analysis of complex boron-dipyrromethene dyes
- 258.- MULTIFRACTAL DETRENDED FLUCTUATION ANALYSIS TO CHARACTERIZE HONEY BEE PRODUCTION IN SEMI-ARID ECOSYSTEMS
- 259.- The transcendent subject of modern philosophy and the transformations of the real
- 260.- Teacher Training for Inclusion and diversity: challenges and pending agenda in Mexico
- 261.- Tl vertical bar ^{14}C -5 β -sh oxide anode: Service life and role of the acid sites content during water oxidation to hydroxyl radicals
- 262.- Single and double activation of acetone by isobutyl B N and B B triple bonds
- 263.- Determination of fatty acid methyl esters in cosmetic castor oils by flow injection-electrospray ionization-high-resolution mass spectrometry
- 264.- Development of a Fluorescence Body Probe for Visualization of the Serotonin 5-HT_{1A} Receptor in Native Cells of the Immune System
- 265.- A Distinctive New Species of Blind Tuna from Western Mexico
- 266.- Search of virulence factors in Sporothrix schenckii by insertional mutagenesis
- 267.- Antibody generation against the recombinant protein Sp70 from Sporothrix schenckii sensu stricto and Sporothrix brasiliensis
- 268.- Identification and molecular characterization of genes encoding for thymosin α 1 transferase in Sporothrix schenckii sensu stricto
- 269.- Relevance of the protein N-linked glycosylation in the virulence and immune recognition of Sporothrix schenckii
- 270.- The immunoglycobiology of fungal pathogens
- 271.- RNA-seq and transcriptome-wide analysis of Sporothrix schenckii yeast and mycelial forms
- 272.- Molecular study of L-Rhamnose synthesis in Sporothrix schenckii and its role in the interaction with the immune innate system
- 273.- Attitudes and stereotypes in students of the health area towards people with motor disabilities
- 274.- Dynamical systems analysis of phantom dark energy models
- 275.- Object Detection from Range Images Using the Sparse Keypoint Detector Technique
- 276.- Actors and actions: the Political Liberalism in Michoacan (1893-1891)
- 277.- Amyotrophic lateral Sclerosis during pregnancy: an uncommon association
- 278.- The influence of communicational habits on the citizen's political sophistication
- 279.- Polymerization fronts in deep eutectic solvents
- 280.- The Metropolitan processes in Queretaro 1990-2010
- 281.- Comorbidity increase in-hospital mortality in dengue patients in Brazil
- 282.- Presence of death in El Complot mongol by Faalaa Bernal
- 283.- Debt as a form of government and subjectivation in neoliberalism: reflections on guilt, sacrifice and despair in the capitalist religion
- 284.- Wittgenstein's ethics and the problem of relativism
- 285.- DIGITAL ART MX
- 286.- Increase in cognitive changes in patients with initial Alzheimer's disease by depression
- 287.- Disputes over meaning and its logics of location in the neoliberal urban setting
- 288.- Technology Management in SMTs: Suppliers as links for business collaboration
- 289.- The contemporary Mexico United States migration seen from micro analytical concepts: reflections from a case study in Michoacan
- 290.- Critical Incidents of Transnational Student-Teachers in Central Mexico
- 291.- MINERALOGY AND GEOCHEMISTRY OF STREAM SEDIMENTS, LA PURISIMA BASIN DAM, GUANAJUATO-MEXICO
- 292.- NUMERICAL MODELING OF SEDIMENT TRANSPORT WITH LEVELS OF HYDROCARBONS IN A SHALLOW LAGOON
- 293.- CHEMICAL AND MINERALOGICAL CHARACTERIZATION OF SEDIMENTS FORMED BY MINE WASTES LEACHATES
- 294.- GEOCHEMICAL TRENDS OF ARSENIC AND IRON IN A SMALL RESERVOIR THAT RECEIVES MINE DRAINAGE
- 295.- RETENTION OF METALS IN SECONDARY MINERALS IN SEDIMENTS OF A MINE DRAINAGE
- 296.- Moving towards both committed research and intervention with a stronger social impact
- 297.- Production and chemical composition of hydrophytes cultivated in aquaponics



Clave de convenio: C/PRCE-2018-11MSU00132-07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto: P/PRCE-2018-11MSU00132-01

- 298- Estimation of the loss of honey bee colonies in the altiplano and northern regions of Mexico
- 299- EVALUATION OF THE QUALITY OF LIFE OF OLDER NON-INSTITUTIONALIZED ADULTS OF THE COMA THROUGH THE FUMAT SCALE
- 300- Current trends to control fungal pathogens: exploring our knowledge in the host-pathogen interaction
- 301- Distributed Multirobot Exploration Based on Scene Partitioning and Frontier Selection
- 302- Violence prevention and gender in Guanajuato state
- 303- Arthritis: a new, newly described species from Mexico
- 304- EVALUATION OF THE NANOSTRAIN CAUSED BY INCOHERENT PARTICLES IN AN ALUMINUM-BASED COMPOSITE
- 305- Global optimisation algorithms applied in a parameter estimation strategy
- 306- Formations on or degree d with a singular point with Milnor number
- 307- Effect of different zeolite as Pt supports for methanol oxidation reaction
- 308- Pharmacological and toxicological study of a chemical-standardized ethanol extract of the branches and leaves from *Eysenhardtia polystachya* (Ortega) Sarg. (Fabaceae)
- 309- Studies of optical nonlinear properties of asymmetric ionic liquids
- 310- Aqueous leaf extracts of *Chondroscolus chayamansa* (Mayan chaya) cultivated in Yucatán Mexico. Part II: Uses for the phyto-mediated synthesis of silver nanoparticles
- 311- Walnut shell treated with citric acid and its application as biosorbent in the removal of Zn(II)
- 312- Significant increase in toxicity of the CrPAcT protein of *Bacillus thuringiensis* by the exchange of two amino acids in the domain III
- 313- A numerical and experimental comparison of a single reversible molten carbonate cell operating in fuel cell mode and electrolysis mode
- 314- Parametric analysis of the exergoeconomic variables of a solid oxide fuel cell (SOFC) coupled with a vapour-adsorption refrigeration system (VAUS)
- 315- Relation between work function, microstructural and mechanical properties of TiN-films
- 316- Evaluation of electromagnetic performance of emerging failures in electrical machines using computational simulation
- 317- Numerical simulation of a pilot-scale reactor under different operating modes: Combustion, gasification and pyrolysis
- 318- Application of an energy-based thermo characterization approach to diagnose the operation of a biomass-fueled gasifier
- 319- Statistical fluid theory for systems of variable range interacting via triangular-well pair potential
- 320- Radio Galaxy Zoo: Machine learning for radio source host galaxy cross-identification
- 321- Analysis of linker and gap effect in hydrodynamics and mass transport performance of a multipurpose electrochemical reactor: CFD simulation and experimental validation
- 322- Effects of microwave assisted hot water treatments designed against Mexican fruit fly (*Anastrepha ludens*) on grapefruit (*Citrus paradisi*) quality
- 323- Role of protein phosphatase inhibition in the *Candida tropicalis* macrophage interaction
- 324- Removal of Cd (II) from water by using nano-scale molybdenum disulfide sheets as adsorbents
- 325- Rapid & low-cost prototyping of metallic patterns in limited facilities condition
- 326- Numerical study of multiple noise-like pulsing in a dispersion-managed figure-eight fibre laser
- 327- Evolutionary Design of Problem-Adapted Image Descriptors for Texture Classification
- 328- Comparison of the Energy Potential of Copper and Superconducting Linear Electric Generators
- 329- Topological M-theory, self-dual gravity and the Inimzri parameter
- 330- Effects of lead and lead-melatonin exposure on protein and gene expression of metal transporters, proteins and the copper/zinc ratio in rats
- 331- Regulator Think and the ThnE ABC transporter proteins confer autoimmunity to thurinicin H in *Bacillus thuringiensis*
- 332- Qualitative evaluation of Ferritin in serum samples by NMR spectroscopy and principal component analysis
- 333- Hankel-Norm Approach to Robust FR Estimation of Dynamic Systems Under External Disturbances
- 334- Association of Neofolin-1, Acylated Ghrelin and Cortisol with Scores of Compulsion, Food Addiction, and Binge Eating in Adults with Normal Weight and with Obesity
- 335- Metaburidjy cobertura de programas, un estudio piloto en niños indígenas lenak en today, Mexico
- 336- Kinetics of the physiological and antioxidant response to water stress in lettuce
- 337- Robust and accurate USB based indoor robot localisation using integrated RTX/RTK filtering
- 338- Organic modified silica obtained from DBT₂ polycondensation catalyst for anticorrosive coating
- 339- Pharmacological Control of Complications Following to Third Molar Removal: Evidence Based on A Meta-Analysis
- 340- Horizontal dark matter and beyond
- 341- Lessons from HAWC pulsar wind nebulae observations: The diffusion constant is not a constant; Pulsars remain the likeliest sources of the anomalous positron fraction; Cosmic rays are trapped for long periods of time in pockets of inefficient diffusion
- 342- Reversible Aggregation and Colloidal Cluster Morphology: The Importance of the Extended Law of Corresponding States
- 343- Method for the geometric modeling and rapid prototyping of involute bevel gears
- 344- Dynamical systems analysis of the cubic gullion beyond the exponential potential and the cosmological analogue of the vorticity discontinuity
- 345- Climatic response of *Pinus cambotiana* zinc radial growth in Sierra del Cubo, Guanajuato, Mexico
- 346- Rapid cosmological simulations in scalar field dark matter models
- 347- Series solutions of single-field models of inflation
- 348- Hidden SUSY features, and Dawson's function and the wrong-sign Hermite functions
- 349- Towards a calculation of the halo mass function of a scalar field dark matter
- 350- Cosmologies with scalar fields from higher dimensions: K-essence like fields
- 351- Ionic-Liquid-Infused Nanostructures as Repellent Surfaces
- 352- Modeling, simulation and intensification of hydroprocessing of micro-algae oil to produce renewable aviation fuel
- 353- A meta-heuristic for topology optimization using probabilistic learning
- 354- Power quality monitoring system under different environmental and electric conditions
- 355- Thermal stability and lubrication properties of 2075/70Ti biodegradable castor oil on AISI 4140 steel
- 356- Validation of a computational fluid dynamics model for a novel residence time distribution analysis in mixing at cross-junctions
- 357- Mitochondrial mothers of a fat nation: Race, gender and epigenetics in obesity research on Mexican mestizos

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Clave de convenio: C/PROE-2018-11MSU00132-07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto: P/PROE-2018-11MSU00132-01

- 358.- Microbial nanobios: Electronic arts in the face of Mexico's megadiversity crisis
- 359.- Neural correlates of the natural observation of an emotionally loaded video
- 360.- Tailored algorithm for sensitivity enhancement of gas concentration sensors based on tunable laser absorption spectroscopy
- 361.- Anti-inflammatory and antidiabetic effects of thiliodiolide, isolated from *Sabia hillicola* Vahl (Lamiaceae)
- 362.- Crp1 is a novel dipeptidase-modifying enzyme encoded by the pseudomonas aeruginosa plasmid
- 363.- Evaluation of the detectability of electromechanical faults in induction motors via transient analysis of the stray flux
- 364.- Protein expression profile of twenty-week-old diabetic *db/db* and non-diabetic mice livers: A proteomic and bioinformatic analysis
- 365.- Antineutrophil Chaperon Current Reactions on Hydrocarbon with Low Momentum Transfer
- 366.- Design of a novel MEMS microchip with rotator electrostatic comb-drive actuators for biomedical applications
- 367.- Effect of Elctrons as Stimulating Substance on Sensor Quality Traits in Color Sweet Bell Pepper (*Capsicum annum* L. cv. Fastiano and Orangeja) Grown under Greenhouse Conditions
- 368.- Black hole formation from the gravitational collapse of a non-spherical network of structures
- 369.- Validating Analytical Model for Steady-State Can Losses in a Canned Permanent Magnet Motor
- 370.- Generalized Entanglement Entropy and Holography
- 371.- Correlation between Interleukin-17 and matrix metalloproteinase-1 levels in crevicular fluid with a proposed periodontal disease index in children
- 372.- Preparation and characterization of nanocomposites made from chemically prepared polyester urethanes and functionalized multiwalled carbon nanotubes
- 373.- Electrical circuits described by fractional conformable derivative
- 374.- Flavonoids, phenolic content, and antioxidant activity of propolis from various areas of Guanajuato, Mexico
- 375.- Complexity and likely influence of teachers' and learners' beliefs about speaking practice: Effects on and implications for communicative approaches
- 376.- Teacher Self-interpreting in the ELT classroom in Central Mexico
- 377.- Replacing standard reporters from molecular cloning plasmids with chromoproteins for positive clone selection
- 378.- Memetic algorithm with hungarian matching based crossover and diversity preservation
- 379.- Optimized sustainable molecular and purification process design framework: acetone-butanol-ethanol case study
- 380.- A framework for optimized sustainable solvent mixture and separation process design
- 381.- Energy Analysis of an Extractive Distillation Column for Reducing Energy Consumption in a Bioethanol Production Process
- 382.- Isoquinoline based multicomponent click reactions: a green and improved synthesis of 1-substituted 1H-1,2,3,4-tetrazaoles
- 383.- Feasibility study of using reactive distillation for the production of renewable aviation fuel
- 384.- UFR Filtering for GPS-based Tracking over WSNs with Delayed and Missing Data
- 385.- Translation, evangelization and linguistic negotiation: An Interdisciplinary exploration [Traducción, evangelización y negociación lingüística: Una exploración interdisciplinaria]
- 386.- Performance of a gasoline engine powered by a mixture of ethanol and n-butanol
- 387.- Process Separation to Purify, Design and Optimization Involving Economic, Environmental and Safety Criteria
- 388.- Optimal synthesis of mass exchange networks through a state-task representation superstructure
- 389.- Feasibility of energy integration for high-pressure blends production processes
- 390.- Strawberry polyphenols reduce oxidative stress in chronic diseases [Los polifenoles de la fresa disminuyen el estrés oxidativo en enfermedades crónicas]
- 391.- Alternative processes for obtaining solar grade silicon
- 392.- Transformation towards sustainable bioenergy systems
- 393.- Constitutional rights influence in legal system: His objective dimension [La influencia de los derechos fundamentales en el ordenamiento: Su dimensión objetiva]
- 394.- Lewis-Base-Induced Disproportionation of a Dialane
- 395.- Meta-analysis: Effects of exogenous fibrolytic enzymes in ruminant diets
- 396.- Cleavage of BN triple bonds by main group reagents
- 397.- The role of the metal in the dual metal catalysed hydrobromoylation of diphenylacetylene
- 398.- Pyridoline Alkaloids
- 399.- Numerical analysis of wood-high-density polyethylene composites: A hyperelastic approach
- 400.- Generation of sporothrix schenckii mutants expressing the green fluorescent protein suitable for the study of host-fungus interactions
- 401.- Design of a low cost process for the production of biodiesel using waste oil as raw material
- 402.- Antibiotic susceptibility of *Staphylococcus aureus* isolated from subclinical bovine mastitis cases and in vitro efficacy of bacteriophage
- 403.- Fast Kalman-like optimal FIR filter for time-variant systems with improved robustness
- 404.- Computational development of a practical educational tool for state estimation of power systems using the MATLAB optimization toolbox
- 405.- Scaled CCR Histogram for Scale Invariant Texture Classification
- 406.- Low GWP working fluids for reversible systems of high temperature heat pump and organic Rankine cycle (THP/ORC)
- 407.- Numerical simulation of a temporary repository of radioactive material
- 408.- Computer-aided process simulation, design and analysis: lactic acid production from lignocellulosic residues
- 409.- Values, spirituality and alcohol consumption in high school students
- 410.- Highly efficient hydrogen generation of Bi3 nanoparticles decorated with Ag nanoparticles
- 411.- Enhanced photoreactive activity of layered perovskite oxides Sr2-NiCu0.9Fe2O7-2 for MB degradation
- 412.- Different scenarios of dynamic coupling in glass colloidal mixtures
- 413.- Different routes into the glass state for soft thermo-sensitive colloids
- 414.- 'Was lucky' to be a bilingual kid, and that makes me who I am': the role of translationalism in identity issues
- 415.- "Sleepers" and "C-reapers": A theoretical study of colony polymorphisms in the fungus *Metarhizium* related to insect pathogenicity and plant rhizosphere colonization
- 416.- A microscopic eye: The relevance of the small and the insignificant in narrative art, pictorial art and postrevolutionary guñol theater [El ojo microscópico: La relevancia de lo mínimo y lo mínimo en el arte narrativo, pictórico y guñol postrevolucionario]
- 417.- A random walk on the profile completion of a finley generated group

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Clave de convenio: C/PROE-2018-11MSU0013Z-07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto: P/PROE-2018-11MSU0013Z-01

- 418- A review on Genetically Modified Plants Designed to Phytoaccumulate Polluted Solids: Biochemical Responses and International Regulation
- 419- A study of bubble size evolution in Jameson flotation cell
- 420- Analysis of data sets with learning conflicts for machine learning
- 421- Analytical equations of state for triangle-well and triangle-shoulder potentials
- 422- Anticoagulative local effect of the combination of dexketoprofen trometamol and chlorhexidine gluconate in a formalin test: An additive effect
- 423- Anticoagulative, anti-inflammatory, and central nervous system (CNS) effects of the natural coumarin, coumatrolol
- 424- Application of MALDI-TOF/MS combined with partial least square regression for the determination of mercury and copper in canned tuna, using dithizone as the complexing agent and Ag(I) as internal standard
- 425- Bis-Centrifugal Optimal Fusion Filtering for Decentralized VST with Correlated Noise Sources
- 426- Biodiesel purification by liquid-liquid extraction assisted divided-wall columns
- 427- Biogas purification via optimal microalgae growth: A literature review
- 428- Blood vessel segmentation in retinal fundus images using Gabor filters, fractional derivatives, and Expectation Maximization
- 429- B-spline neural network for real and reactive power control of a wind turbine
- 430- Calcium Carbonate Crystal Shapes Mediated by Intramembral Proteins from Eggshells of Rattle Birds and Crocodiles: Implications to the Eggshell's formation of a Dinosaur at 70 Million Years Old
- 431- Cancer Immunotherapy: Priming the Host Immune Response with Live Attenuated Salmonella enterica
- 432- Comparative Evaluation of Red Wine from Various European Regions Using Mass Spectrometry Tools
- 433- Comparison between a Concurrent and a Sequential Optimization Methodology for Serial Manipulators Using Metaheuristics
- 434- Comparison of two real-time optimization strategies to maximize the hydrogen production in a dark fermenter
- 435- Complexation and Release of N-Heterocyclic Carbene/Ambiphilic Ligands from Group VI and VIII Metals
- 436- Congo Red affects the growth, morphology and activity of glucanase- α -glucosylase synthase in the human pathogenic fungus *Sporothrix schenckii*
- 437- Continuous version of a square-well potential of variable range and its application in molecular dynamics simulations
- 438- Contribution of neutral sphingomyelinases to in vitro virulence of *Enteroblastia histolytica*
- 439- Cosmologies with scalar fields from higher dimensions applied to Bianchi type VI $h = -1$ Model: Classical and quantum solutions
- 440- Co-synthesis of Penicillin G and heterologous thiazolidine H antibiotics: the antibacterial activity of Bacillus thuringiensis
- 441- Detect-rich molybdenum disulfide as electrode for enhanced capacitive delamination from water
- 442- Degradation of polycyclic aromatic hydrocarbons using bacterial isolate from the contaminated soil and white rat fungus *Pleurotus Ostreatus*
- 443- Dental fluorosis and a polymorphism in the COL1A2 gene in Mexican children
- 444- Design and Modeling of a MEMS Dual-Bandpass Capacitive Microphone with Spring-Supported Diaphragm for Mobile Device Applications
- 445- Design and operability of multi-stream heat exchangers for use in LNG liquefaction processes
- 446- Design of silica oligourethane-chitosan Membranes for inflammatory Response Modulation: Characterization and Polarization of a Macrophage Cell Line
- 447- Development of an oxidative stress sensor in live bacteria using the optimized Hsp27 protein
- 448- Diagnosis methodology for identifying gearbox wear based on statistical time feature reduction
- 449- Dielectric constant measurement using atomic force microscopy of dielectric films: a system theory approach
- 450- Dielectric Properties of Beverages (Tamarind and Journal of Food Science & Technology) Relevant to Microwave-Assisted Pasteurization
- 451- Diet-induced obese mice exhibit altered immune responses to early *Salmonella Typhimurium* oral infection
- 452- Dual photoacoustic monitoring in laser ablation synthesis of silver nanoparticles to find in situ their fluence threshold formation
- 453- Dynamic Performance of a Complex Distillation System to Separate a Five-Component Hydrocarbon Mixture
- 454- Economic analysis of the energy consumption of a vending machine in a Mexican university building
- 455- Effect of a four-week vitamin and mineral supplementation on the nutritional status and urinary excretion of arsenic in adolescents [Efecto de una suplementación de vitaminas y minerales de cuatro semanas sobre el estado nutricional y excreción urinaria de arsénico en adolescentes]
- 456- Effect of anisotropy evolution on tridular and oval hole expansion behavior of high-strength steel sheets
- 457- Effect of Mg as frequency on the structure of Mesoporous 2-NDOS: Efficiency as catalytic support in HDS of DBT
- 458- Effect of pH and concentration of milk fat globule membrane on the release of lactoferrin from W/O/W2 multiple emulsion [Efecto del pH y la concentración de membrana de globulo de grasa láctea sobre la liberación de lactoferrina en emulsiones múltiples W1/O/W2]
- 459- Effects of aggregates on the mechanical properties and microstructure of geobacterial metaldehyde-based geopolymers
- 460- Efficient degradation of selected polluting dyes using the tetrahydrocyclohexadienyl ion, Ag(OH)2⁻, in alkaline media
- 461- Energy and energy performance of the HX position in ejector expansion refrigeration systems [Performance énergétique et exergetique de la position de l'échangeur de chaleur interne (HX) dans les systèmes frigorifiques à détente à éjecteur]
- 462- Environmental epigenetic changes, as risk factors for the development of diseases in children: A systematic review
- 463- Enzymatic hydrolysis of biomass at high-solids loadings through fed-batch operation
- 464- Estimation of plasma concentration in batch culture of *Escherichia coli* DH5Y via single state observer
- 465- Experimental energy analysis of R513A to replace R134a in a small capacity refrigeration system
- 466- Flow mediated vasodilation compared with carotid intima media thickness in the evaluation of early cardiovascular damage in menopausal women and the influence of biological and psychosocial factors
- 467- Fragmentation of the Golgi Apparatus in Neuroblastoma Cells Is Associated with Tau-Induced Ring-Shaped Microtubule Bundles
- 468- Free for whar? On liberating the spirit and cultivating the will in Nietzsche's philosophy [Libre para que? Sobre la liberación del espíritu y el cultivo de la voluntad en la filosofía de nietzsche]
- 469- Fully Functionalizable 7,7'-BODIPY Dimer: Synthesis, Structure, and Photophysical Signatures
- 470- Gelatin as a photoresistive material
- 471- Generalised multivariable super-twisting algorithm
- 472- Generation of a synthetic binary plasmid that confers resistance to noursosinfrin for genetic engineering of *Sporothrix schenckii*
- 473- Genetic algorithm and artificial neural network model for prediction of discoloration dye from an electro-oxidation process in a press-type reactor
- 474- Gold(II)-catalyzed high-yielding synthesis of indenes by direct Csp3-H bond activation
- 475- Hamiltonian approach and quantization of $D = 3$, $N = 1$ supersymmetric non-Abelian multiwave system
- 476- Hexapod with legs based on Pseudocercaria-Lipin mechanisms: A mathematical structure used in reconfiguration for path planning
- 477- Highly regio- and stereoselective Diels-Alder Cycloadditions of 2-Alkoxyvinyl(ethoxy)carbene complexes with exo heterocyclic dienes



Clave de convenio: C/PFCE-2018-11MSU00137-07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto: P/PFCE-2018-11MSU00137-01

- 478.- Improving titanium dioxide dispersion in water through surface functionalization by a dicarboxylic acid
- 479.- Latin American contributions to quantum chemical topology
- 480.- 7-boron stars
- 481.- Long-lasting green, yellow, and red phosphorescence of carbon dots embedded on ZnAl₂O₄ nanoparticles synthesized by a combustion method
- 482.- Manifestation of internalized homophobia in adolescents and young adults at the north of Mexico [Manifestación de homofobia internalizada en adolescentes y jóvenes al norte de México]
- 483.- Measuring the light crude oil (LCO) content in standard biodiesel/LCO blends by thermal analysis
- 484.- Microwave-assisted pasteurization of beverages (fermented and green) and their quality during refrigerated storage
- 485.- Modeling scaling growth in heat transfer surfaces and its application on the design of heat exchangers
- 486.- Molecular thermodynamics of a quantum Leonard-Jones fluid using an effective Mile potential and the SMT-Vir-Mile approach
- 487.- Moonlighting proteins induce protection in a mouse model against *Candida* species
- 488.- Mother's experiences of masculinity in the context of child obesity in Mexico
- 489.- Multiplicities in dividing wall distillation columns in the purification of bioethanol: energy considerations
- 490.- Mutarodon del gen H2Y y miopatia de inicio tardío: Descripción del primer caso Mexicano
- 491.- New general parameterization of quintessence fields and its observational constraints
- 492.- New reflections on gravitational duality
- 493.- New technologies of time manipulation
- 494.- Non-canonical processing of DNA photodimers with *Bacillus subtilis* UV-endonuclease Vjld, 57377 exonuclease Yjcd and low-fidelity DNA polymerases Yjfh and Yjgw
- 495.- Novel devices for transporting protein crystals to the synchrotron facilities and thermal protection of protein crystals
- 496.- Obesity, race and the indigenous origins of health risks among Mexican mestizos
- 497.- Object detection from a range image using sparse keypoint detector technique
- 498.- On the Mayal deformation of Kapustin-Witten systems
- 499.- Optimal energy management within a microgrid: A comparative study
- 500.- Pancreatic islet of Langerhans cytoarchitecture and ultrastructure in normal glucose tolerance and in type 2 diabetes mellitus
- 501.- Paraneoplastic Lambert-Eaton syndrome in a patient with disseminated metastatic cancer [Síndrome paraneoplásico de Lambert-Eaton en paciente con cáncer metastásico diseminado]
- 502.- Participation of ATP-sensitive K⁺ channels and 7-opsin₁ receptors in the antinociceptive synergism of the paracetamol+tapentadol co-administration in the formalin-induced pain assay in mice
- 503.- Pathogen-produced calyxes affect immune priming: A potential halotolerant strategy
- 504.- Phytochemical, nutritional and antioxidant characterization of three vegetables (*Amaranthus hybridus* L., *Chenopodium berlandieri* L., *Portulaca oleracea* L.) as potential sources of phytochemicals and bioactive compounds
- 505.- Potential tests of the generalized uncertainty principle in the advanced LIGO experiment
- 506.- Principles of caring to the elderly in Peruvian and Mexican families: Comparative study [Principios de cuidado al adulto mayor en familia Peruviana y Mexicana: Estudio comparado]
- 507.- Protecting-Group-Free Total Synthesis and Biological Evaluation of 3-Methylkalliquinone and Structural Analogues
- 508.- Reactivity of tetrahalo- and diluorodiborane(4) toward Lewis basic Platinum(0): Bisboron, boronate, and Doubly Boron-bridged Platinum Complexes
- 509.- Removal of hydrated silica, fluoride and arsenic from groundwater by electrocoagulation using a continuous reactor with a twelve-cell stack
- 510.- Repair of a Giant Omphalocele in an Infant With a Preperitoneal Implant Coilsilified With Oligourethane
- 511.- Revisiting the connection between magnetic activity, rotation period, and convective turnover time for main-sequence stars
- 512.- Rationally resolved electronic spectroscopy of 2-cyanoliodide and the 2-cyanoliodide-water complex
- 513.- Self-diffusion coefficient of the square-well fluid from molecular dynamics simulations within the constant force approach
- 514.- Simulation and review of a small-scale device for wave energy conversion
- 515.- Simulation study of a reactive distillation process for the ethanol production
- 516.- Steiler activity of evolved, cool giants - old questions revisited
- 517.- Stochastic plants in SMEs: A novel multidimensional fuzzy logic system [NFES] approach [Planes estocásticos en PYMES: Novedoso enfoque de un sistema multidimensional difuso]
- 518.- Structure, rheology and microtopology of wormlike micelles made of PB-PEO diblock copolymers
- 519.- Study of Polymer-Solvent Interactions of Complex Polyoligosaccharides Using Dissipative Particle Dynamics
- 520.- Study of silica nanocomposite for bumper fascia: Mechanical, chemical characterization and impact simulation [Nanocompositos de sílice para fascia: caracterización química, mecánica y simulación de impacto]
- 521.- Sustainable production of renewable aviation fuel through interfacial characterization strategies
- 522.- Synthesis and characterization of P40K/0.3-EG4 nanoparticles with magnetic and optical properties for hyperthermia applications
- 523.- Synthesis and characterization of isoprene polymers with polar groups via reversible addition fragmentation chain-transfer polymerization
- 524.- Synthesis of a novel planar linkage to visit up to eight poses
- 525.- Targeting the maximum outlet temperature of solar collectors
- 526.- The decline of a rebel: The final years of Ricardo Flores Magón [El caso de un rebelde: Los últimos años de Ricardo Flores Magón]
- 527.- The frequency and diagnostic accuracy of hand deformities in Parkinson's disease
- 528.- The past and future dynamics of quinolin dard energy model
- 529.- The social production of the sex market and of the occupation of sexual workers in Spain [La producción social del mercado del sexo y de la ocupación de trabajadoras sexuales en España]
- 530.- Theoretical study of the second-order nonlinear optical properties of ionic liquids
- 531.- Total synthesis of kaaliquinone: the regio-controlled strategy for accessing its 1-methyl-4-arylbenzimidazole core
- 532.- Triable Optical Filter Based on Two Thermal Sensitive Layers
- 533.- Type 2 diabetes mellitus could predict a sub-optimal weight loss after bariatric surgery [Diabetes mellitus tipo 2 podría predecir una pérdida subóptima de peso después de una cirugía bariátrica]
- 534.- Understanding the structure, electronic properties, solubility in water, and proton interactions of three novel nano-devices against ovarian cancer: a computational study
- 535.- Use of rhamn and diloson for the inhibition of antibiotic resistant *Staphylococcus aureus* bovine mastitis-associated [Uso de ramina y quitosano para la inhibición de *Staphylococcus aureus* resistente a antibióticos y asociado a mastitis bovina]
- 536.- Use of raman spectroscopy to screen diabetes mellitus with machine learning tools
- 537.- Using Capacitors to Measure Charge in Electrostatic Experiments



Clave de convenio: C/PFCE-2018-11MSU0013Z-07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto: P/PFCE-2018-11MSU0013Z-01

- 538- Vaccination of a child. The smallpox vaccine. Part 1 [La vacunación de un niño. La vacuna de la viruela. Parte 1]
- 539- Validated and rapid measurement of the ferric reducing antioxidant power in plasma samples
- 540- Variable speed liquid chiller drop in modeling for predicting energy performance of R1234yf as low-GWP refrigerant [Modélisation de la conversion immédiate d'un réfrigérant liquide à vitesse variable pour prédire la performance énergétique du R1234yf comme frigorigène à l]
- 541- A proximal chemical analysis in artisanal beer solid waste, and its acceptance in soils
- 542- Apoptationocyte recovery by leprosy by embryo transfer in goats: a review
- 543- ATTITUDES AND KNOWLEDGE ON VITAMIN D AND CALCIUM AMONG PRIMARY CARE PHYSICIANS (PCP)
- 544- Citizenship and sub-citizenship, as a democratic outcome, in Latin America
- 545- Comparison of the thermo-hydraulic performance and the entropy generation rate for two types of low temperature solar collectors using CFD
- 546- Diabetes prevention with lifestyle, linagliptin and metformin in patients with prediabetes: the PRELIM project
- 547- Efficiency of small enterprises of protected agriculture in the adoption of innovations in Mexico
- 548- Efficient degradation of selected polluting dyes using the tetrahydrooxegenate ion, Ag(OH)(q-1), in alkaline media
- 549- Empowered third age and expulsiion urban culture in Latin America
- 550- Estros synchronization in ewes with PGF2 alpha and biostimulated with "male effect"
- 551- Experimental validation of online monitoring and optimization strategies applied to a bihydrogen production dark fermenter
- 552- FROM COMING OUT TO HUMAN RIGHTS IN THE DEBANDS OF CIVIL SOCIETY ORGANIZATIONS OF LGBT: DISCURSIVE STRATEGIES OF REFUGE
- 553- Functional characterization of the Sporothrix schenckii K14 and K15, mannosyltransferases involved in the N-linked glycosylation pathway
- 554- Hydrogels of chitosan as biosorbents of Cr (VI) in aqueous systems
- 555- Immunomodulatory Effects of 17 beta-Estradiol on Epithelial Cells during Bacterial Infections
- 556- Institutions, processes and performance in addressing the quality of democracy in Latin America
- 557- Life experience of adolescent drug users: a phenomenological approach
- 558- Male effect and "temporary weaning" in synchronization of post-partum ovarian activity in pelibury ewes
- 559- Mechanical Design and Assessment of a low-Cost ZDDP Frictionless Arm for Shoulder Disarticulation
- 560- Mechanisms for water-use efficiency between bean cultivars tolerant to drought are different
- 561- Modeling of the impacts of climate change on flows and storage in a high mountain basin
- 562- Morphometric identification of Varroa destructor and its parasitoid by the exposure to thymol
- 563- Mutation of the IR2 gene and late onset myopathy: description of the first Mexican case
- 564- N (Epsilon)-[(carboxymethyl)-lysine content in cheese, meat and fish products is affected by the presence of copper during elaboration process
- 565- PATRIOTISM, A CONCEPT OF ACTION AND REACTION, RESPONSIBILITY TO ACT IN TIMES OF CRISIS (1808-1812)
- 566- Plasmatic expression of miR-34a in non alcoholic fatty liver disease in a Mexican population
- 567- Population growth curve of *Sporoptera frugiperda* in maize in Tlalpaño, Guanajuato, Mexico
- 568- Potential areas for sunflower cultivation under rainfed conditions in Guanajuato, Mexico
- 569- PREVALENCE OF HYPOVITAMINOSIS D IN PATIENTS FROM A PRIVATE HOSPITAL
- 570- Rescue therapy with linagliptin to improve glucose metabolism and pancreatic beta cell function in patients with prediabetes with no response to metformin
- 571- Rebuilding democracy in Latin America: Introduction
- 572- Searching for motivation behind dark tourism: The case of Guanajuato's mummies
- 573- Simulations of a Single-Phase Flow in a Compound Parabolic Concentrator Reactor
- 574- System for the recognition of wear patterns on microstructures of carbon steels using a multilayer perceptron
- 575- The first years of the bishopric of Leon and the influence of scholasticism
- 576- THE SUPREME COURT AS A CONSTITUTIONAL COURT: THE INEVITABLE APPROACH OF THE JURISDICTIONAL FUNCTION TO THE POLITICS?
- 577- UNCERTAINTY OF STATISTICAL MODELS ASSOCIATED WITH THE LEVELS OF AGGREGATION OF SPATIAL INFORMATION
- 578- WHAT DO PRIMARY CARE PHYSICIANS (PCP) KNOW ON EXTRASKELETAL EFFECTS OF VITAMIN D?
- 579- You know English, so Why Don't You Teach? Language Ideologies and Returnees Becoming English Teachers in Mexico
- 580- Determination of copper and lead in reequily by conventional matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and partial least squares regression
- 581- Outlook of the Dynamic Behavior of Closed-Loop Control through Open-Loop Analysis for Increased Separation Processes
- 582- Long-time dynamic and hydrodynamic correlations in quasi two-dimensional anisotropic colloidal mixtures
- 583- Ultrasound assisted green one-pot synthesis of imined bis-heterocycle peridimines via IMCN/post-esterification/tandem strategy
- 584- Improvement of the degradation of Methyl Orange Using a TiO2/ZnO composite electrode to promote electrochemical and photoelectro-oxidation processes
- 585- New rurality and the experience of place: the small rural locality of La Niña, Buenos Aires, Argentina
- 586- Synthesis and structural characterization of neutral hexa-coordinate silicon (IV) complexes containing salophen and thiocyanato-N ligands
- 587- Advanced glycation end products and their receptors did not show any association with body mass parameters in metabolically healthy adolescents
- 588- Virulence of Entomopathogenic Fungi in Nonfed Larvae and Emergent Females of *Rhipicephalus sanguineus* Sensu lato and Its Effect on Reproductive Potential
- 589- Facial address recognition is modulated by estrogen receptor Gene polymorphisms in healthy females
- 590- On emergent gravity, black hole entropy and galactic rotation curves
- 591- Thermography-based methodology for multifocal diagnosis on kinematic chain
- 592- Histopathological alterations in mice under sub-acute treatment with Hintonb1 hantorn methanolic stem bark extract
- 593- A Case of Acute Femoralis Vulgaris Nelpas Associated with Cocaine Use and Review of the Literature
- 594- The XSL Survey: XXXV. Double binary in XSL-Iron1: A tale of two radio galaxies in a supercluster at z = 0.14
- 595- The XSL Survey: XXX. Characterisation of the KSSSC NO1 supercluster and analysis of the galaxy stellar populations
- 596- The XSL Survey: XX. The 365 cluster catalogue
- 597- Reducing model bias in a deep learning classifier using domain adversarial neural networks in the MINERVA experiment



Clave de convenio: C/PFCE-2018-11MSU0132-07-18
Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"
Clave de Proyecto: P/PFCE-2018-11MSU0132-01

- 598- Modeling hind-limb kinematics using a bio-inspired algorithm with a local search
- 599- Ethinocardin-induced Microevolution of *Candida parapsilosis* Influences Virulence and Abiotic Stress Tolerance
- 600- Magnetic stimulation on human blood: Electromotive force analysis
- 601- Introduction to the special section on Image and Video Processing
- 602- On the L^1 and H^1 Performance of the Continuous-Time Deadbeat H_2 FIR Filter
- 603- Using the second virial coefficient as physical criterion to map the hard-sphere potential onto a continuous potential
- 604- Analysis of projectile motion in view of conformable derivative
- 605- On quantum superstatistics and the critical behavior of nonextensive Ideal Bose gases
- 606- First Report of *Bugada hilalis* Burmeister, 1835 (Hemiptera: Pentatomidae) in the State of Guanajuato, Mexico
- 607- T12 mutations and late onset myopathy: First description in a Mexican patient [Mutación del Gen *T12* y miopatía de inicio tardío: Descripción del primer caso Mexicano]
- 608- Experiments simulation and design to set traffic lights operation rules
- 609- Anti-vaccination campaign: The smallpox vaccine, Part 2 [Campaña antivacuna. La vacuna de la viruela, Parte 2]
- 610- Immunity and treatment of sporotrichosis
- 611- Hybrid algorithmic approach oriented to incident rotor fault diagnosis on induction motors
- 612- Genetic diversity in *Pseudomonas* syringae pv. *mausculca* strains
- 613- Dielectric characterization of raw and packed soy milks from 0.5 to 20 GHz at temperatures from 20 to 70 °C
- 614- Further Results on Induced 7 RH FIR Filtering
- 615- Calculating particle pair potentials from fluid-state pair correlations: Iterative orstein-zerlike Inversion
- 616- Measurement of Final State Correlations in Neutrino Muon-Proton Mesonless Production on Hydrocarbon at $E_{\nu} \approx 3$ GeV
- 617- Current trends to control fungal pathogens: Exploiting our knowledge in the host-pathogen interaction
- 618- Foreign language planning: The case of a teacher/translator training programme at a Mexican University [Planificación lingüística de lenguas extranjeras: El caso de un programa para maestros de lengua y traducción]
- 619- Validation of the EuroSCORE model in patients undergoing heart surgery in Regional Hospital of High Speciality of Jalisco
- 620- Maintenance and program coverage, a pilot study of Tenek indigenous children in Tocoly, Mexico [Mantenimiento y cobertura de programas, un estudio piloto en niños indígenas tenek en Tocoly, México]
- 621- Comparing Robustness of the Kalman, H_2 , and H_{∞} Filters
- 622- Development of a Fluorescent Body Probe for Visualization of the Serotonin 5-HT_{1A} Receptor in Native Cells of the Immune System
- 623- Determination of fatty acid methyl esters in cosmetic carrier oils by flow injection-electrospray ionization-high-resolution mass spectrometry
- 624- Basic criteria for sustainable tourism planning of cultural world heritage sites [Criterios básicos para la planificación turística sustentable de los sitios culturales patrimonio de la humanidad]
- 625- A Distinctive New Species of Mud Turtle from Western Mexico
- 626- From coming out to human rights in the demands of civil society organizations (CSOs): Discursive strategies of 'émerge' [Del coming out a los derechos humanos en las demandas de las organizaciones de la sociedad civil del movimiento LGBT: Estrategias discursivas de 'émerge']
- 627- The influence of communicational habits on the citizens' political sophistication [Los hábitos comunicativos y su influencia en la sofisticación política ciudadana]
- 628- Abell 1367: A high fraction of late-type galaxies displaying HI morphological and kinematic perturbations
- 629- Comparative evaluation of three different ELISA assays and HPLC-ESI-IT/MS/MS for the analysis of NZ-carboxymethyl lysine in food samples
- 630- Dynamic response behind an accident occurred in a main WSS
- 631- Measurement of the union antineutrino double-differential cross section for quasielastic-like scattering on hydrocarbon at E_ν ≈ 5 GeV
- 632- Cationic (PS-*C5*Me₂Im)⁺Cl⁻ Complexes with Metalated *N*-yl Phosphines Featuring 74-Phosphorus plus Pseudo-Allylic Coordination
- 633- Critical incidents of transnational student-lecturers in Central Mexico [Incidentes críticos de profesores de inglés transnacionales en formación en el Centro de México]
- 634- Selenium uptake and biotransformation and effect of selenium exposure on the essential and trace elements status: Comparative evaluation of four edible plants
- 635- Determination of six priority pollutants and Di(2-ethylhexyl) sephate in maize tortilla by gas chromatography - Tandem mass spectrometry in multiple reaction monitoring mode
- 636- Two-Field Atom Ionization and the Swampland Constraint in the Flux-Scaling Scenario
- 637- Mineralogy and geochemistry of stream sediments, from La Purísima Basin Dam, Guanajuato, México
- 638- Application of liquid chromatography with fluorescent detection for the determination of urinary pentosidine in type 2 diabetes mellitus patients: Effect of telemedicine administration on podocyturia and relationship with metabolic control
- 639- Special Issue "Sporotrich and sporotrichosis"
- 640- "Homo Caloricus": The epidemiological construction of lipophobic stigma in public health media discourses [Homo Caloricus? La construcción epidemiológica del estigma lipofóbica en los discursos mediáticos de salud pública]
- 641- A comparative analysis of 2-thioribonucleoside/benzothiazole degradation using electro-fenton and anodic oxidation on a boron-doped diamond electrode
- 642- Numerical modeling of sediment transport with levels of hydrocarbons in a shallow lagoon
- 643- Mathematical Models to Predict and Analyze the Energy Consumption of a Domestic Refrigerator for Different Position of the Shelves
- 644- Physicochemical profiles and classification of *Agave* syrups using 31P-NMR and chemometrics
- 645- Hydrotreating of triglyceride feedstock to produce renewable aviation fuel
- 646- Synthesis, characterization, and mechanical performance of various functionalized carbon nanotubes-polyurethanes nanocomposites
- 647- Identification by MALDI-TOF MS of environmental bacteria with high potential to degrade pyrene
- 648- Real-time temperature sensor based on In-Fiber Fabry-Pérot Interferometer embedded in a resin
- 649- Water phase transitions from the perspective of hydrogen-bond network analysis
- 650- The Wide Spectrum of Functional Movement Disorders
- 651- Planar differential filena for communications
- 652- Adsorption of arsenic on granular ferric hydroxide (gFH): Impact of initial concentration of arsenic on kinetics and equilibrium state
- 653- Activated hydroalicates Obtained by Precipitation as Photocatalysts for the Degradation of 2,4,6-Trichlorophenol
- 654- Optical gas sensor based on the fiber laser transient engine for measuring acetylene
- 655- Experiences around the lack of access to water in homes in the State of Guanajuato, Mexico [Experiencias en torno a la falta de acceso al agua en hogares del Estado de Guanajuato, México]
- 656- Advances in the production of renewable energy: The role of chemical engineering
- 657- The Golden Pentagon of Albert Dürer in the Baroque Art of Nouveau España: A Case Study in an Altarpiece at an Augustinian Church in Salamanca, México

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Clave de convenio: C/PFCE-2018-11MSU0013Z-07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto: P/PFCE-2018-11MSU0013Z-01

- 658- Efficient degradation of selected mollusc dyes using the tetrahydroxogentate ion, Ag(OH)₄⁻ in alkaline media
 - 659- Microfluidic reconfigurable filter based on ring resonators
 - 660- Model based approach to enhance configurations for ZG butanol production through ABE process
 - 661- Fully coupled hydro-mechanical model for compacted soils
 - 662- Fully coupled hydro-mechanical model for compacted soils
 - 663- Single and double activation of acetone by isolated BN and BB triple bonds
 - 664- A Fast Image Denoising Algorithm Using Morphological Reconstruction
 - 665- Antibacterial activity of aqueous fructans against salmonella typhimurium
 - 666- Tomato irregular ripening in the Colliacan Valley, Mexico [Madurez Irregular de tomate en el Valle De Cuatiacan, Mexico]
 - 667- Classical and Quantum Exact Solutions for a FMY Multiscalar Field Cosmology with an Exponential Potential Driven Inflation
 - 668- Does chlorhexidine mouthwash reduce the rate of oral colonization by gram-negative bacteria in patients with chemotherapy? A placebo-controlled trial
 - 669- The endemic orchids of Mexico: a review
 - 670- Synthesis and characterization of glycerol citrate polymer and yttrium oxide nanoparticles as a potential antibacterial material
 - 671- First record of *Mycoplasma* (*Vesperiellum*) in the State of Guanajuato, Mexico
 - 672- Immunomodulatory Effects of T77-Estradiol on Epithelial Cells during Bacterial Infections
 - 673- Synthesis of polyfluorenes by oxidative polymerization, their characterization and implementation in organic solar cells
 - 674- Electrochemical abatement of atrazine solutions using an undivided stirred tank cell with Pt or BDD anode
 - 675- Inherently Safer Design and Optimization of Intensified Separation Processes for Furfural Production
 - 676- Priority areas to collect germplasm of *Ammonia* (*Ammonacea*) in Mexico based on diversity and species richness indices
 - 677- Invasive Pulmonary Adenocarcinoma with Lepidic Growth Pattern in a Pregnant Patient
 - 678- Controlling the white phosphorescence ZnGa₂O₄ phosphors by surface defects
 - 679- Fullererenolates inhibit amyloid beta aggregation, in vitro and in silica evaluation
 - 680- Threats, challenges and opportunities for paediatric environmental health in Europe, Latin America and the Caribbean (amenazas, desafíos y oportunidades para la salud medioambiental pediátrica en Europa, América Latina y el Caribe)
- Fonencias
No se han agregado Fonencias**
- Memorias**
- 1- Reliable Detection of Rotor Bars Breakage in Induction Motors via MUSIC and ZSC
 - 2- Four Channel Mini Wire Chamber to Study Cosmic Rays
 - 3- Accurate Jitter Compensation in CNA Measurements Using Hybrid Confidence Masks With Applications to SNP Array Probing
 - 4- Statistical data fusion as diagnosis scheme applied to a kinematic chain
 - 5- Novel microwave diodes for front-end integration
 - 6- Electrochromism Of Rhodium (III) In Trihexyltetraethyl Phosphonium Bis[2, 4, 4-trimethylpentyl] Phosphinate Ionic Liquid (Cpohos IL 104⁺) and Its Disposition
 - 7- Study of nonlinear liquid effects into ytterbium-doped fiber laser for multi-wavelength generation
 - 8- Matching Confidence Masks with Experts Annotations for Estimates of Chromosomal Copy Number Alterations
 - 9- An improved visual description of the VM
 - 10- Biosensing using long range surface plasmon structures
 - 11- Chaotic analysis of the thermoacoustic instabilities of a trapped vortex combustor
 - 12- Coating identification in spherical and anisotropic gold nanomaterials by SERS technique
 - 13- Determination of the production profile of incinerable waste for the city of Bucaramanga and its energy capacity
 - 14- Dielectric properties of pork muscle (Biceps femoris) in the microwave range affected by the gender
 - 15- Enhancement of vessels in coronary angiograms using a Hessian matrix based on Grunwald-Lentiniw fractional derivative
 - 16- Enzymatic pre-treatment of high content colostrum improves biogas production
 - 17- Field and Cost Optimization of a 3 T/m Normal conducting quadrupole for the 10-MeV Beam line of the Electron User of the Mexican Particle Accelerator Community
 - 18- GPS-based Tracking over WiFi with Delayed and Missing Data using UTR Filtering
 - 19- Linear Optimal Fusion of Local Unbiased FM Filters
 - 20- Multiresolution analysis signal in a three beam path Mach-Zehnder interferometer based on a discrete wavelet transform
 - 21- Participation of univesities in the diffusion of metrology research: The case of the Metrology Symposium from CENAM
 - 22- Reconfigurable dual-band to single-band filter based on a composite right/left-handed resonator
 - 23- Reconfigurable passband filter using a controllable variable inductance
 - 24- Selection of Processing temperature for a functional beverage with antihypertensive activity in order to preserve its proteomic profile
 - 25- Silica spherical micro resonators temperature sensor, experiments and simulation
 - 26- Effect of Mg as Impurity on the Structure of Mesoporous γ -M2O3: Efficiency as Catalytic Support in HD5 of DBT
 - 27- A study on the geometry of sinkers used for calibration of hydrometers with the ring method
 - 28- Estimation of meniscus reading uncertainty in volume calibration of conical volumetric instruments
 - 29- ECG Signals Denoising in State Space using UTR Filtering for Features Extraction
 - 30- An Augmented Lagrangian Neural Network for the Fixed-Time Solution of Linear Programming
 - 31- Body movement monitoring for Parkinson's disease patients using a smart sensor based non-invasive technique
 - 32- A Guided Local Search Approach for the Traveling Thief Problem



Clave de convenio: C/PCE-2018-11M5U0013Z-07-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"

Clave de Proyecto: P/PCE-2018-11M5U0013Z-01

- 33- Classification of paintings by artist's gene integrating color and texture descriptors
- 34- Modeling of the Electro-peroxone process for the degradation of orange reactive 1,6 dye
- 35- A hydrodynamic and mass transfer study based on modeling and numerical simulation of an electrocagulation process for sulfate ions removal
- 36- Design of a Fabry-Pérot Interferometer based on silicon wafer for dielectric gas sensing applications
- 37- Tropical Inuits classification using an allele-type convolutional neural network and image augmentation
- 38- Qualitative characterization of collagen hydrogel membranes using digital holographic microscopy and SHG microscopy
- 39- Human Adenovirus type 5 increases host cell fusosylation and modifies Lys antigen expression
- 40- Prevalence of Morphometric Vertebral Fracture Does Not Differ in Patients With and Without Clinical Fractures in a Fracture Liaison Service Open Model
- 41- Prevalence of Hypovitaminosis D in Patients from a Private Hospital in Leon, Mexico
- 42- Gene-specific 5'-UTR methylation vs. promoter methylation in leukocytes from workers exposed to different levels of VOCE
- 43- Possible role of n-hexane as endocrine disruptor in occupationally exposed women at reproductive age
- 44- CASE PRESENTATION OF PERIODONTITIS CELLULITE RESISTANT TO TREATMENT IN PATIENT WITH ILLICIT/CP
- 45- ULCERATIVE COLITIS EICH VS CMV POST-TRANSPLANTATION ALLOGENIC OF PROGENITOR CELLS HERMATOPOYETICAS
- 46- Energy and energy performance of the HX position in elector expansion refrigeration systems
- 47- Variable speed liquid chiller droph modeling for predicting energy performance of R1234yf as low-GWP refrigerant

Patentes

- 1- Dispositivo electromagnético puntual emisor-receptor de ondas acústicas
- 2- Sistema de medición de estado de batería de plomo ácido y de gel mediante un dispositivo móvil
- 3- Electrodo a base de TiO₂/BDD para su aplicación en la degradación de contaminantes orgánicos disueltos en agua de diferentes orígenes
- 4- Dispositivo de mano calentamiento por inducción magnética con inversor auto resonador
- 5- Proteína recombinante Gp70 del género Sporothrix para su uso biotecnológico
- 6- Cryogenic pressurized storage with hum-reinforced vacuum jacket
- 7- Incremento de profundidad de polarización óptica para alineación angular
- 8- Dispositivo correlador de polarización óptica para alineación angular
- 9- Proceso para la purificación de Butanol, Acetona y Etano por columnas de destilación no convencionales de pared dividida, asistidas por extracción líquido-líquido
- 10- Generador sincronizable de rejillas lineales y circulares de fase
- 11- Recubrimiento protector contra la corrosión para aleaciones de magnesio con biodegradabilidad modulable
- 12- Método de preparación y aplicación de hidrogeles de colágeno-oliguenarino-silíce
- 13- Dispositivo detector de flujo magnético

Dr. Luis Felipe Guerrero Aldrino
Responsable

Dr. Raúl Arias Lovillo
Responsable del proyecto