

Clave de convenio: C/PFC-2018-11MSU0013E-01-18

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

Clave de Proyecto: P/PFC-2018-11MSU0013E-01

Comprometida con asegurar la calidad en los procesos de docencia, investigación, extensión y gestión universitaria, nuestra Institución ha avanzado significativamente en ruta de lo trazado en nuestro Plan de Desarrollo Institucional 2010-2020. Mucho de ello son los resultados satisfactorios que se reflejan en el proyecto PROCE 1 de PFC 2018-2019. Conforme a otros el Sistema Universitario de Multimedialidad Educativa (SUME) ha incrementado la oferta académica en esquemas multimodales de programas educativos de las diferentes sedes de la Universidad de Guanajuato. De esta manera, se favorece la accesibilidad, pertinencia y calidad de los contenidos didácticos. El Catálogo Institucional de Cursos a Distancia (CICUD) contiene cursos y unidades de aprendizaje (UDA) que complementan la formación de los estudiantes, propiciando que se concluyan en menor tiempo de su proceso de aprendizaje. Así, se busca que logren una autonomía para aprender, pues eligen el tema de su interés y autoorganizan el tiempo que dedican en ello. En otras palabras, se incluye directamente en la formación integral de los estudiantes y, por lo tanto, se impacta en su perfil de egreso. Hasta el momento se han visto beneficiados más de 8 mil personas, entre las que se encuentran miembros de la comunidad universitaria y público en general. De igual manera, el SUME se ha dado a la tarea de capacitar al personal docente de los diferentes campus de la UG en materia de educación multimodal, esto para que apoyen el sistema presencial e innoven en sus métodos de enseñanza. Actualmente, 87 profesores de esta Casa de Estudios participan en la especialización en Docencia para la Multimedialidad Educativa. Por otro lado, los salones también han conocido como funcionan las plataformas gratuitas a las sesiones de indicación que les han sido impartidas de forma presencial y digital. De la misma manera el Sistema de Vinculación, Innovación, Desarrollo y Aplicación del Conocimiento (VIDA UG) ha apoyado en el fortalecimiento de las competencias emprendedoras de los estudiantes y docentes de esta casa de estudios a través de cursos, talleres y conferencias. Asimismo, se ha desarrollado el "Fomento de emprendimiento e innovación" con una participación de 300 estudiantes, en el cual se busca promover, impulsar y desarrollar la creatividad, la innovación y el espíritu emprendedor en los estudiantes, a través de iniciativas que permitan la generación de proyectos, startups, emprendimientos, tecnologías de la información e innovaciones, derivados de los sectores: tecnológico, industrial, ambiental, cultural, artístico, sustentable, alimenticio, de la salud, entre otros. Para dar respuesta a las necesidades locales, regionales, nacionales e internacionales. Adicionalmente, la disponibilidad de información científica y tecnológica a través de las fuentes impresas y digitales son de vital importancia en el aprendizaje y la investigación de los estudiantes de educación superior. A través del objetivo particular del Sistema Bibliotecario ha sido posible incrementar y actualizar las colecciones de 25 bibliotecas a través de 1,892 ejemplares que contribuyen a la consulta de información requerida por los estudiantes. Además, el equipamiento del Sistema Bibliotecario para la consulta de fuentes digitales complementa el formato impreso, para permitir el acceso al formato digital, a través de la infraestructura de cómputo que da disponibilidad a la Biblioteca Digital con que cuenta la Universidad de Guanajuato, por medio de los accesos tanto que proporciona el Consejo Nacional de Ciencia y Tecnología como los que suscribe la misma institución. Este enfoque a la infraestructura de cómputo ha permitido el equipamiento de 20 bibliotecas del sistema de los cuatro campus universitarios y de Rectoría General.

• El pasado 02 de octubre se publicó en la Gaceta Universitaria la Nueva Normatividad de esta casa de Estudios, este cambio normativo es el resultado de un arduo trabajo de estudiantes, del personal académico y administrativo, así como de las autoridades ejecutivas y los órganos de gobierno institucional. Esta normatividad que entrará en vigor el 01 de enero de 2019 nos consolida como una institución más sólida y a la altura de las circunstancias actuales, con un modelo educativo flexible, humanista, innovador, con visión internacional y una comunidad universitaria comprometida. • Se crea el Escenario de Vinculación, Innovación, Desarrollo y Aplicación del Conocimiento (VIDA UG) con el cual se podrán detectar necesidades y proponer soluciones a través de la Gestión del Conocimiento, el establecimiento de alianzas estratégicas, la consolidación de la innovación y la generación de su implementación. VIDA UG es el compromiso de la Universidad de mirar hacia el futuro y atender las necesidades de su entorno, con acciones con su visión, su visión y su proyección institucional, y así a su vez en el proyecto educativo más importante del estado de Guanajuato. • Se atiende la problemática del tiempo y los espacios que son dos grandes motivos por los cuales se presentan la deserción escolar o el abandono de la búsqueda de una educación continua. Sin embargo, el esquema multimodal en el que se han desplegado los cursos y UDAs permite crear un sistema flexional, congruente con la formación, sin que estos factores representen un problema, así los estudiantes realizan trayectorias formativas conforme a sus necesidades y sus intereses en sus actividades cotidianas. Esto refleja la flexibilidad que la multimodalidad flexible, pensable en un sistema flexional. CICUDS habilita a los estudiantes en el CICUDS se encuentran disponibles todo el año a todo momento, los únicos requisitos son un dispositivo con conexión a internet y una cuenta de correo electrónico institucional. El carácter autónomo, autoorganizado, y de formación para la vida de los cursos del programa de innovación y acompañamiento comprometido con el aprendizaje del estudiante. • Se ha fortalecido el activo bibliográfico en formato impreso y digital que requieren los programas educativos. • Los resultados de las pruebas EGCE, han mejorado este año, a la fecha se tienen los resultados de 1826 egresados que lo han sustentado, de los cuales destacaron nota satisfactoria por su innovación y acompañamiento comprometido con el aprendizaje del estudiante. • A través de los Seminarios de Vanguardia UG y sus cursos complementarios se asegura que los integrantes del personal académico cuenten con la más alta capacitación para el ejercicio de una docencia calificada que aplican este examen ingresan al Padrón de Programa de Alto Rendimiento del Censur. La convocatoria para participar en el PADROU por primera vez será para dos años (julio 2017 - junio 2019). Actualmente se aplica a 25 diferentes exámenes EGCE para 43 programas educativos de la institución, sobresaliente 1271 estudiantes (78.18%) esto significa un incremento en comparación con el año pasado (73.40%). Asimismo, el Reglamento Académico permite al estudiante conforme aparece en su programa adquirirá las competencias declarada en su perfil de egreso y tendrá experiencias de aprendizaje medidas por la tecnología, con la cual al concluir la acreditación de todas las UDAs, y sustente un examen de ingreso podría obtener el título correspondiente, entre otras acciones institucionales para incrementar la tasa de titulación, reducir el rezago y la deserción de los estudiantes de nivel superior. • Se cuenta actualmente con 139 programas educativos adecuados al Modelo Educativo de la Universidad de Guanajuato (MUEG), un nuevo importante hito en el que se han desplegado los cursos y UDAs permitiendo un programa educativo a ser atendida es la necesidad de incremento y actualización de la bibliografía para los programas educativos, siendo importante la adquisición de nuevos títulos y ejemplares para las colecciones de las bibliotecas que atienden a la comunidad universitaria. En este tenor, fueron realizados procesos de adquisición de libros, siendo adquiridos 1,393 ejemplares, y quedando en orden de compra 299 volúmenes por ser recibidos durante el mes de enero de 2019, para que obtener una cantidad final de 1,892 ejemplares. De esta manera, se proveen estos 1,892 ejemplares a 25 bibliotecas de educación superior de los Campus Campus Saltillo, Campus Guanajuato, Campus Irapuato, Campus Salamanca, Campus León.

Se incrementa el número de estudiantes admitidos al nivel superior de la UG, egresados del subsistema universitario del nivel medio superior, mediante el programa institucional de pase regular. Se mantiene la proporción de estudiantes que realizan movilidad académica con reconocimiento de créditos. Se brinda formación y actualización de profesores en las competencias docentes sustentadas en el Modelo Educativo de la Universidad de Guanajuato UG. Se cuenta con un mayor número de Cuerpos Académicos Comprometidos 43. C.A. en condiciones 54 y en formación 21 en 2018 mientras que en 2017 se contaba con 37, 45 y 15 respectivamente. Se tiene una plantilla de 511 profesores de tiempo completo en el Sistema Nacional de Investigadores, 713 con perfil deseable PRODEF, así como 906 con estudios de posgrado, de los cuales 77, cuentan con doctorado. Adicionalmente se cuenta con 59 programas de licenciatura reconocidos por su calidad por organismos externos, y con 82 programas de posgrado en el Padrón Nacional de Registros de Calidad.



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59 PE de licenciatura cuentan con un reconocimiento externo a su calidad otorgado por organismos acreditadores reconocidos por el CONAVES o los CIEES. Durante el año 2018, 28 programas educativos han iniciado proceso de evaluación, acreditación o reafirmación, de los cuales, 13 P.E. no contaban con reconocimiento a su calidad por algún organismo externo. De estos trece P.E. la Licenciatura en Química a través del organismo CONAVES y la Licenciatura en Química y Obsteria (Sede León) a través del organismo CONAVES, han culminado con la etapa de auto evaluación y cuentan con su carta de validación para el próximo año. De los once P.E. restantes, se han recibido resultados favorables de Ingeniería en Energías Renovables DE, Ingeniería en Antropología Social CIE, Licenciatura en Química Farmacéutica Biología CTO, y del Programa de Ingeniería en Sistemas Computacionales CS 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 Trabajo Social CIE, Licenciatura en Matemáticas CTO, Ingeniería Química CTO, Ingeniería en Minas CTO, Ingeniería en Geología CTO e Ingeniería en Metalurgia CTO. Dos PE se incorporaron al Padrón con nivel 1, PRUS del IDAP: UC, en Derecho por otro año, UC, en Ingeniería Mecatrónica, Admin, la licenciatura en Comercio Internacional CTO y la licenciatura en Administración de la Calidad y la Productividad inclaron su proceso de acreditación. Internacional a través del Consejo de Acreditación de Ciencias Sociales, Ciencias y Administrativas en la Educación Superior de Latinoamérica A.C. (CACSJA) 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 adecuado al Modelo Educativo de la Universidad de Guanajuato (MEUG), con lo que se asegura que cuentan con las características de flexibilidad y versatilidad 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 y equipo técnico. • Como iniciativa institucional, impulsada a partir de presente proyectos de atención a problemáticas comunes a las DEs, ha sido posible la adquisición de monitores y obras de consulta para las 28 bibliotecas de los Campos Educativos que brindan servicio a los estudiantes del nivel superior. De esta manera se cuenta con bibliografía actualizada para los programas educativos. • Se refrendaron las inversiones en 2018 de fortalecimiento a recursos electrónicos de información a través del Consejo Nacional de Recursos de Información Científica y Tecnológica (CONICTA), para contar con recursos digitales de calidad que contribuyen a los programas educativos de ingeniería, áreas de la salud, artes entre otros. • Para atender el reto, institucional de mejorar los indicadores de eficiencia terminal, las de titulación, se han modificado los requisitos de ingreso y obtención de grado, homogenizando 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 combinó con el desarrollo de los estudios de egresados y de empleadores, como un proceso sistematizado, 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.

Se han incrementado los siguientes indicadores de Calidad 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 PRODEF: 565 incremento de 697 a 713. • El número de PTC con adscripción al SIM o SIME aumento de 559 a 595 profesores. • El número de PTC que participan en el Programa Institucional de Incentivos subió a 501 profesores. • Su cuenta con 43 Cuerpos Académicos Consolidados y El número de Cuerpos Académicos en Consolidación subió de 50 a 54. • El número de Cuerpos Académicos en formación sube de 20 a 21, derivado de creación de nuevos cuerpos 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 CIEES sube de 20 a 24 P.E. • El número de P.E. acreditados por organismos reconocidos por el CONAVES sube de 36 a 45 programas acreditados. • El número de P.E. de licenciatura y ISU 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 válidos, lo que representa el 79.21%. • El número de posgrados reconocidos por el Programa Nacional de Posgrados de Calidad (PNPC) es de 62 posgrados.

Tipo de contratación	Profesores beneficiados		Total
	Nacional	Internacional	
Profesores de Tiempo Completo	164	0	164
Profesores de Medio Tiempo	0	0	0
Profesores de Asignatura	0	164	164
Total	164	164	164

Tipo	Alumnos beneficiados		Total
	Nacional	Internacional	
TSU/PA	0	0	0
Licenciatura	11	162	338
Posgrado	0	0	0
Total	11	162	338

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Derivado de las acciones de equipamiento de equipo para la implementación del sistema multimodal requiere la modernización de la infraestructura educativa para facilitar e innovar en los procesos de enseñanza-aprendizaje (e-a). Por tanto, el SIME, gracias al Programa al Fortalecimiento de la Calidad Educativa (PCE), llevó a cabo la primera etapa de los Centros para la Modernización de la Multimodalidad Educativa (CIME). Con los CIME, se busca incorporar las tecnologías de la Información y la Comunicación (IIC), por medio de la Tecnología Educativa (TE) para elevar la multimodalidad con un enfoque centrado en el aprendizaje del estudiante. De esta manera, los miembros de la Comunidad Universitaria tienen acceso a equipos de última generación, canales inteligentes, sistemas de videoconferencia, herramientas didáctico-digitales, material audiovisual, entre otros. El SIME ha logrado equipar dos espacios con estas características en el Campus Irapuato-Salamanca. El primero está ubicado en la Facultad del Salud, el segundo en la Sede Tierra Blanca. Con ello, se espera beneficiar a más de 2 mil estudiantes. La infraestructura académica de servicios bibliotecarios es necesaria para proveer los servicios de información requeridos por los estudiantes y los programas educativos. En ese sentido, se llevaron a cabo las acciones para el equipamiento de 17 bibliotecas de educación superior, para garantizar los servicios tales como el préstamo estacionario y la consulta en sala de la biblioteca en formato impresa, principalmente. Fueron adquiridos 75 equipos e infraestructura de cómputo para el servicio de préstamo estacionario en los módulos de docencia, cuando originalmente se habían proyectado 24 equipos únicamente. Actualmente se encuentran comproneetidos en orden de compra 5 servidores para el control de la circulación de obra bibliográfica evitando la sustracción de ejemplares, los cuales se reutilizan en el mes de enero de 2015. Se acompañan estos servidores de 6,000 horas magistral para la reestabilización de igual número de ejemplares para su control de sala de las instalaciones de biblioteca. Además, se adquirieron 8 lectores portátiles ejemplares de códigos de barras, que permiten la aplicación de los inventarios en las bibliotecas de los cuatro campus y la Rectoría General, permitiendo así contar con un mejor control de las colecciones en beneficio de los estudiantes. El número de bibliotecas beneficiadas con estas acciones fueron de 17.

La puesta en marcha del rediseño y actualización del Programa Institucional de Formación Docente en 2018 permitió acercar experiencias de actualización pedagógica y disciplinaria alrededor de 465 profesores de la Universidad de Guanajuato con los tópicos abordados centraron la atención en el modelo educativo institucional y su relación con la práctica docente, juegos cooperativos, técnicas vocales para la docencia, manejo de grupos numerosos, herramientas y recursos tecnológicos para el aprendizaje, aprendizaje situado, el ser docente, diseño de instrumentos de evaluación del aprendizaje y el Seminario de Investigación Sobre la Práctica Docente. Un factor fundamental para la selección de las actividades de formación fue la identificación, desde el mismo ejercicio de la docencia, de los requerimientos de una práctica innovadora, lo que permitió no disponer los tópicos sino enlazarlos con el desarrollo mismo de la planeación de la acción docente. Por otra parte, los recursos PCE empleados en la formación y actualización de los profesores, promovió el desarrollo de las competencias específicas: reflexión sobre su práctica docente, incorporación de innovaciones de docencia, diseño de ambientes, herramientas y recursos didácticos, planificación de los procesos de enseñanza y aprendizaje, de la evaluación, uso de herramientas tecnológicas para el aprendizaje. Así, los profesores de la Universidad de Guanajuato obtuvieron mediante la calidad con fondos de docencia, vinculando su quehacer docente con los contenidos del aprendizaje contextualizado y centrado en el estudiante. Los recursos empleados en la formación de profesores permitieron transferir de una capacitación instrumental y prescriptiva, a una formación centrada en el análisis-reflexión de la práctica docente, puesto que permitió vincular las acciones de con un ejercicio crítico-analítico que emana del reconocimiento de las áreas de oportunidad del mismo profesor. Esta visión reflexiva permitió que los profesores, atendían con compromiso, calidad y pertinencia sus funciones de docencia, vinculadas con las funciones sustantivas de la Universidad y en respuesta a los contextos actuales.

La formación integral de los estudiantes es parte de las ejas rectores del Modelo Educativo Institucional lo cual se refleja en la implementación del CICUS. Este tiene en su haber casi 500 cursos de una amplia variedad temáticas, de los cuales los estudiantes pueden elegir aquellos que complementan su conocimiento. Cabe resaltar que, al terminar algún curso, se expide una constancia digital que comprueba el cumplimiento de las actividades, con la adaptación de los programas educativos (E) a esquemas semipresenciales mediados por TIC, los estudiantes han podido contar con una experiencia educativa que impacta tanto en el ámbito disciplinar, como en las competencias y habilidades respectivas a la tecnología. Hasta el momento 60 estudiantes del Nivel Medio Superior y 455 del Nivel Superior del Campus Irapuato-Salamanca se han visto beneficiados. Por otra parte, la observación de este primer ejercicio permite al SIME expandir el proceso de adaptación de UDA a un mayor número de PE y, por ende, beneficiar a más estudiantes. De igual forma, con la puesta en marcha de la primera etapa de los CIME, se busca brindar oportunidades de acceso a ejemplares bibliotecarios en TE para fomentar el desarrollo de nuevas competencias TIC. Con lo anterior, se busca al fortalecimiento de las competencias empoderadas de los estudiantes. Como parte del fortalecimiento de las competencias empoderadas de los estudiantes de los Campus Universitarios, a través de cursos, talleres y conferencias que contribuyen a su formación integral. • Se capacita a 94 estudiantes de los 4 campus de la universidad de Guanajuato y Colegio de Nivel medio superior, con una duración de una hora y mediante la metodología "TICe click". • Se impartió el taller "TIPMAZAS, ISCAL Y ECEDE". • 9 estudiantes para convivir en el desarrollo de proyectos emprendedores, con base a la formación de competencias emprendedoras para el emprendimiento de emprendimiento e innovación se realizó. • Una conferencia Magistral para 400 jóvenes, donde aprendieron a como hacer dinero hablando lo que les gusta. • Un encuentro de emprendimiento e innovación, a través de la metodología de WORD OF MOUTH aplicado a 9 proyectos, con la finalidad de desarrollar de competencias emprendedoras e innovación de ser y el modelo de negocios. • Un taller para aprender a generar proyectos viables aplicados a 9 proyectos de los campus Guanajuato, León y Salamanca-Irapuato. Con ello se logró capacitar a 500 estudiantes en temas de emprendimiento, resiliencia e proyectos para formar empresas de base tecnológica, social y de innovación. Los talleres de habilidades de los estudiantes de los proyectos con Alto Impacto Social y el Taller de Innovación del Social, su evaluación y cuestionario hacia la innovación en materia de Servicio Social, lo anterior permitió sentar las bases en la comunidad universitaria, para la conceptualización del Servicio Social bajo el principio de contribución hacia la sociedad y la orientación formativa de los estudiantes, procurando propiciar en ellos el desarrollo de la empatía, la solidaridad y la capacidad de emprendimiento para atender y transformar las necesidades sociales del entorno. Asimismo, se abordó el tema de prácticas profesionales, que a través de talleres se sensibilizaron a la comunidad universitaria en la importancia de la preparación previa, tanto a nivel personal como en conocimiento de la organización a la que se pretende ingresar como estudiante de prácticas, lo cual fue muy importante, pues la mayor parte de los estudiantes beneficiados se encontraban a punto de iniciar su práctica de profesionalización. Se promovió además la realización de prácticas en organizaciones públicas, sociales o privadas, relacionadas con el aprendizaje adquirido en el programa educativo y la experimentación de diversos aspectos del ejercicio de la profesión que, busca brindar al estudiante un acercamiento a la aplicación práctica de la propia profesión. Los participantes obtuvieron herramientas que les permitían el desarrollo adecuado de su experiencia de prácticas, incluyendo el logro de competencias profesionales, además, las habilidades sociales, relaciones, las habilidades técnico-funcionales, habilidades reflexivo-críticas, de igual manera proclama el desarrollo de la actitud y habilidad para la investigación, además de que se fomenta el trabajo colaborativo, al responsabilizarse el estudiante de su aprendizaje. Se fomenta además de las competencias profesionales, competencias académicas y competencias de la vida cotidiana en general; fueron adquiridos 43 equipos de cómputo portátiles, de los 30 proyectores, para el servicio de préstamo a estudiantes de educación superior. Este servicio resultó muy demandado por la comunidad estudiantil. Campus Irapuato - Salamanca, Campus León y de Rectoría General. Asimismo, se adquirieron 11 equipos de cómputo para la consulta del catálogo bibliográfico y recursos en línea de la Biblioteca Digital al interior de las bibliotecas del sistema. Originalmente se habían proyectado 15 equipos, pero fueron adquiridos 17 en total. Además, se adquirieron 3 equipos de cómputo para la obtención y capacitación sobre el repositorio institucional, en cuyos sistemas se acompañaron de la distribución de folletos para informar a la comunidad universitaria sobre este proyecto de ahorracamiento digital documental de la producción académica de la institución. Estas acciones contribuyeron directamente a las habilidades de los estudiantes en la recuperación de información académica de calidad para los procesos de aprendizaje así como para la investigación.

Libros

- 1.- Efecto de las cambios sociales en el mundo del trabajo, Estudios en Guanajuato
- 2.- La Innovación en zarre y hueso, Las prácticas deportivas como evidencia del cambio social en México y Guanajuato, 1920-1960



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- 3.- La Revolución en carne y hueso. Las prácticas deportivas como evidencia del cambio social en México y Guanajuato, 1920-1960
 - 4.- Tópicos sesnarios: 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 Mañana de pájaros
 - 8.- Abandono escolar en la educación media superior de México, política, actores y análisis de casos
 - 9.- Abandono escolar en la educación media superior de México, política, actores y análisis de casos
 - 10.- A la salud del incurable. Homenaje a David Huetta
 - 11.- Colección de estudios políticos
 - 12.- Colección de estudios políticos
 - 13.- Formas del capital. Orígenes de la desigualdad de oportunidades para acceder a la educación superior
 - 14.- El acervo bibliográfico del Convento de San Pedro de Alcántara de Guanajuato
 - 15.- El índice de desarrollo Humano, estimación con datos de la encuesta Inter censal 2015 del INEGI
 - 16.- Como una gente. El uso del agua 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 DCHE
 - 19.- Ciencia, Innovación y emprendedurismo en la DCHE
 - 20.- Investigación e innovación en la DCHE
 - 21.- Aspectos de la investigación metodológica actual
 - 22.- Cos factendogeno y otras cosas que no son ponosis
 - 23.- Unibulbas
 - 24.- A las s'a obra
 - 25.- Actividad económica de los Oteros, una familia minera guanajuatense (1700-1950)
 - 26.- Odisea
 - 27.- Enreda PARTE I
 - 28.- Enreda PARTE 2
 - 29.- El asno 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 asno de oro
 - 36.- Fábulas PDF
 - 37.- Método acerca de los teoremas mecánicos PDF
 - 38.- Historia del Colegio del Estado de Guanajuato
 - 39.- Ruda Veritas
 - 40.- Aclitades
 - 41.- Cuaderno de escritura
 - 42.- El tigre en la casa
 - 43.- Prosa
 - 44.- Fondo Editorial
 - 45.- Odisea PARTE II WORDRESSA
- Capítulos de libros
- 1.- Reactor design for advanced oxidation processes
 - 2.- Statistical comparison between selection rules for adaptive operator selection in vehicle routing and multi-tripack 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.- Thermoelectric 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.- Lyapunov-modified poly[ester-urethane] based on polyacrylonitrile for controlled release of hydrocortisone



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

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

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

Artículos

- 1.- Energy and entropic study of a SOFC using biogas from different sources considering internal reforming of methane
- 2.- Changing recharge pathways within an intensively pumped anode with high fluoride concentrations in Central Mexico
- 3.- Environmental behavior of coated films: Physicochemical aspects and plant interactions
- 4.- Comparative evaluation of three different ELISA assays and MP-CE-ELISA/MS for the analysis of N₂-carboxymethyl lysine in food samples
- 5.- Autonomous and paramorphic movement disorders: An update
- 6.- Cholesterol biosensor based on a plastic optical fibre with sol-gel structural analysis and sensing properties
- 7.- A dual modality optical fiber sensor
- 8.- The additive completion of the bisect 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 CIP rehabilitation process using simulation modeling
- 12.- Noncovalent interactions between daptalin and graphene prototypes
- 13.- Abrasive promoter methylation in genes related to hemihandic-malting in workers exposed to a VOC mixture
- 14.- Cathodic (eta-5-C5Me5)2TiCl2 complexes with faceted Ag₂S phosphine featuring eta-5-Phosphino plus Pseudo-alkyl Coordination
- 15.- Chlorophenazine recovery from aqueous solutions by emission liquid membranes using soy lecithin as carrier
- 17.- Foliations on CP2 of degree 3 with a singular point with Milnor number $d_2 = 1$
- 18.- Locus of control in mate choice: Etac-psychometric validation [Locus de control en la elección de pareja: Una validación etnopsicométrica]
- 19.- Coupling of the electrochemical oxidation [Co-BDD]/photoanalysis [MO2-Fe-N] processes for degradation of acid blue 8H dye
- 20.- Efficient degradation of selected polluting dyes using the tetrahydrooxovanadate ion, Ag(OH)₂ Al₃ in alkaline media
- 21.- Process design and identification 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 manganese using glassy carbon electrodes modified with carbonaceous nanoparticles
- 26.- Development of MgOx-TiOx coating for modulation of Mg corrosion resistance
- 27.- Antimicrobial activity of broccoli (Brassica oleracea var. italica) culture Acropet agar against pathogenic bacteria, phytopathogenic filamentous fungi and yeast
- 28.- Antimicrobial activity of broccoli (Brassica oleracea var. italica) culture Acropet agar 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 refolding and NMR structure of MbAg3: A double-strand insecticidal spider toxin
- 31.- H₂C-carboxymethyl lysine content in cheese, meat and fish products is affected by the presence of copper during elaboration process
- 32.- Identification of the hydrolysing process to produce renewable aviation fuel through reactor distillation
- 33.- LC-HS/MS proteomic analysis of starved bacillus subtilis cells overexpressing ribonucleotide reductase (rdtB): implications in stress-associated mutagenesis
- 34.- A protein complex bearing an oxidase with naphthalene dihydrodiol dehydrogenase activity is induced in *Mycobacterium tuberculosis* H37Rv by iron starvation
- 35.- Biochemical and genetic analysis of a unique poly(ADP-ribose) glycohydrolase (PARC1) of the pathogenic fungus *Fusarium oxysporum* f. sp. *Vespa*rd
- 36.- Energy and techno-economic analysis for bioethanol production: a multi-objective optimization approach based on economic and environmental criteria
- 37.- Multiobjective optimization for the socio-economic conversion of lignocellulosic biomass to biofuels and bioproducts
- 38.- Comparison of a concurrent and a sequential optimization methodologies for social manipulators using metaheuristics
- 39.- Hsp70-Serpin Complexes of an Externally Electron Donating, Redox-Active γ -Diborabenzene Ligand
- 40.- Stable H₂-1-selenosulfate- β -lactams- β -lactams-Activation in an Inhibinaseome Signaling Model Depends on Positive and Negative Feedbacks and Tight Regulation of Protein Production
- 41.- Further Results on Induced \rightarrow RH FIM Filtrage
- 42.- DFT study of substituent effects in the hydroxylation of methane and toluene mediated by an ethylbenzene dehydrogenase active site model
- 43.- Generalized dyslexia associated with mutation in the histone methyltransferase gene *KMT2B* (OY728) and white matter abnormalities
- 44.- Task design characteristics and EFL learners' complexity, accuracy and fluency during uncontrolled task interactions: A naturalistic perspective
- 45.- A closed form expression for the Gaussian-based Copula-Fibonacci fractional derivative for signal processing applications
- 46.- Attainment of the antibiotic tetracycline in a order rhodospirillum rubrum (R. rubrum) through the dissolved organic carbon concentration-time relationship
- 47.- Vertical anisotropy associated with glutamic acid decarboxylase antibodies responding to cyclophosphamide
- 48.- Contact angle and wettability of uracine free particles
- 49.- You Know English, so Why Don't You teach? Language Ideology and Returns 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 stochastic 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 motility of recently excelled blue crabs, Callinectes sapidus, naturally infected with Hematodinium precox (Dinoflagellata)
- 54.- Exploring the gauge/rarity duality of a generalized von Neumann entropy
- 55.- Comments on Macdonell-Khansari gradity and torion
- 56.- User X receptor-binding DNA motif associated with allelotypic-specific DNA methylation profiles of Alu elements and neighboring CpG islands
- 57.- Transition-Metal β -Ligation of a Tetrahaloborane

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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

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]
59. Dermalization of unsaturated species with a reactive hydroxylated ethylene dihalide
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. Sustainable multi-wave-length laser based on a core-shell Mn²⁺/Zn²⁺/ZnO heterostructure with non-zero dispersion-shifted fiber
64. Inclusion of 1D and 2D species on clay surfaces and their effect on the interaction with organic molecules
65. Adaptive robust H₂/O₂ integrated non-invasive sensing using OFDM fiber Bragg
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 Infrared linkages based on toroids intersections: Plane-symmetric case
69. Branch reconfiguration of Infrared linkages based on Toroids intersections: Plane-symmetric case
70. Evolutionary hyper-heuristics for tackling 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 fluid model
76. Interleaved of a calcium ion-pump process (Ca²⁺) to molten carbonate fuel cell (MCFC), as carbon concentration system: First findings
77. 8-M-Goldred graphene as catalyst for the oxygen reduction reaction: Insights from periodic and cluster DFT calculations
78. Semiclassical SRRF-VIC-2D modeling of adsorption selectivities for binary mixtures of hydrogen and methane adsorbed onto MOFs
79. Potential impacts of dietary Lactaria gliba supplement in a simulated ruminal fermentation system and environmental biogas production
80. Ultrasound assisted green synthesis of bound type bis-heterocyclic carbazoyl imidazol[1,2-a]pyridines via Grobke-Blackburn-Bienewyze reaction
81. Influence of ball-milling on roughness, hardness and corrosion resistance of AISI 1045 steel
82. Red fluorescent protein (DsRedFP) optimization for *Escherichia coli* expression
83. Cost function to analyze the passband and the stopband of Digital Biquadratic Filters
84. Nitrate assimilation pathway (NAP)-role of structural (sl) and transporter (tr) genes in *Fraxinus oxycarpum* L.sp. hypererictic growth and pathogenicity
85. Energy assessment of a refrigeration plant using computational intelligence based on hybrid learning methods
86. Spontaneous boron 188 and 2017: The evolution of knowledge on a changeable disease and on emerging etiological agents.
87. Inhibiting the anionic ligation of magnetite through aggregation with uniform low magnetic fields and no chemical depressants
88. Thermogravimetric characterization of syroline and carboxyl adducted on montmorillonite
89. PDSM-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 EDN 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. Solid thermal networks operating with evacuated-tube collectors
97. Synthesis of Novel Hybrid 4 H-Pyrans derivative Dyes/Phthalates
98. Functional characterization of YcsY₂, a member of the PFSO monooxygenases from *Ustilohadena virescens* relevant during the association with plants and mycoparasitism
99. Interpreted reactivity of pyridinium salts toward Alkyl/ Aryl/ Fused/ complexes to produce oxo-heterocycles
100. An assessment of the effect of printing orientation, density, and filler pattern on the compressive performance of 3D printed ABS structures by laser deposition
101. Patient-specific model-based segmentation of brain tumors in 3D intracranial ultrasound images
102. Multiple hierarchical osteochondromatosis 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 Freudenstein Horn Discrete-Time FIR Filter with Embedded Unbiasness
106. On the phonon barrier crossing and the bounds on the speed of sound in non-animal derivative coupling theories
107. Genetic parameter estimation for pre-weaning growth traits in Jordan Awassi sheep
108. Sensor comparison detection in multiple-target tracking systems
109. Characterization and Integrated Process of Pretreatment and Enzymatic Hydrolysis of Corn Straw
110. Higher Diastatic levels are associated with higher prevalence of small dense low-density lipoprotein in obese adolescents
111. Aerobic walking but no resistance training increases SMN3 in skeletal muscle of sedentary obese male adolescents
112. Aspirin exacerbated respiratory disease: Current topics and trends
113. Microcanonical ensemble computer simulation of the high-temperature expansion coefficients of the Helmholtz free energy of a square well fluid
114. Identifiably induced changes in amaranth seed enzymatic activity and their effect on bioactive compounds content after germination
115. Mutation of the HREC 1 Ubiquitin Ligase Impairs Associated Learning in the Cerebral Amygdala
116. Assessment of the antioxidant and ultraviolet activity of the tapozolodine-diclofenac combination in rodents
117. Measurement of total and differential cross sections of neutron and antineutrino coherent γ production on carbon



Clave de convenio: C/PICE-2018-11MSUS00132-07-18

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

Clave de Proyecto: 9/PICE-2018-11MSUS00132-01

118. *In Situ* formed III-based Reagent for the Electrophilic ortho-Chlorination of Phenols and Phenol Ethers: The Use of PIFA-ACID System
119. Roof/Rainwater Harvesting in central Mexico: Uses, benefits, and factors of adoption
120. Agave fructans and oligofructose decrease oxidative stress in brain regions involved in learning and memory of overweight mice
121. Arsenopyrite oxidation with ozone: stoichiometry and kinetics
122. The lower shell envelope of smooth functions: An optimal decomposition
123. Simultaneous removal of fluoride and arsenic from groundwater by electrocoagulation using a filter press flow reactor with a three-cell stack
124. On the effect of gas-liquid-electrode interface area on SOFC performance
125. Newton's law of cooling with fractional conformable derivative
126. Protectors of Sporothrix schenckii: Cytoprotective effects on a non-cell model (protectors de Sporothrix schenckii: efectos citoprotectores en un modelo de células huésped)
127. Friction and diffusion of a neuro-cerebral disk in a two-dimensional solvent with a liquid-liquid transition
128. Transcription coupling (TIC) and DNA damage scanning (DDA) coordinate excision/repair events for efficient bacillus subtilis spore outgrowth
129. Mineral liochlorite enriched with iron disulfide nanostructures: An evaluation of their physical and biological properties
130. Functional characterization of the Sporothrix schenckii K14 and K15, manganese endonuclease involved in the H-linked glycosylation pathway
131. The potential for avoiding hydrogen release from cryogenic pressure vessels after vacuum insulation failure
132. Diversity of saccitoxin macrocyclics in Mexico: Case study of the mining district of Guanajuato (Evaluación de macrociclos saccitoxinas 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 (fermenter) (Desarrollo, rendimiento y calidad del fruto de melón (Cucumis melo L.) de plantas inoculadas con cepas mexicanas de bacillus subtilis (fermenter)
134. The origin of the word by Gustave Courbet (El origen del nombre de Gustave Courbet)
135. Clusters of starch-g-PCL and their effect on the photophysical properties of films
136. Effect of Acid Administration Assisted by Power Ultrasound on the Quality of Rabbit Meat
137. Effect with electrodeless pasteurized based on a inhalerized resonator
138. A package of background-free time fluorescent proteins for intracellular multi-color labeling in live cells
139. Avary gene density and pathobiological relevant CpG calling bias in human disease and physiological DNA methylation profiling
140. Synthesis of 17-terazolymethyl-spiro[pyridine-3,3'-imidazole]: Via two coupled one-pot processes (Upt-side/Pictet-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 pupile concentration of goat milk yeasts added with probiotics (Actividad proteolítica y concentración pupilina en yogur de leche de cabra adicionado con probióticos)
144. Ethni/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. Biosensor design for enzymatic hydrolysis of biomass under the hierarchy concept
147. High sensitivity strain sensors based on single mode-fiber core-effect Mach-Zehnder interferometers
148. Adaptive-horizon iterative UFR Filtering Algorithm with Applications
149. Optimization of a soft cohesion with reactorized tubes using the simulated annealing and computational fluid dynamics
150. Degradation under composting conditions of lysine-modified polyurethane based on PCL obtained by lipase biocatalysis
151. Prediction of heat transfer coefficient for forced convective boiling of R22-hydrocarbon mixtures at cryogenic conditions using artificial neural networks
152. The occurrence of immune priming can be species-specific in entomopathogens
153. Image deblurring using morphological opening, dilation and Gaussian filtering
154. Abel 1387: A high fraction of late type galaxies displaying H α morphological and kinematic perturbations
155. Environmental Implications for the production of honey from meadow (Prosopis laevigata) in semi-arid ecosystems (Implicaciones ambientales para la producción de miel de meadow (Prosopis laevigata) en ecosistemas semiáridos)
156. Pyrite oxidation with ozone: stoichiometry and kinetics
157. Reactive Distillation Column Design for Tetrahydroxylane (THOS) 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 mobile and abandoned hard across former Soviet Union countries
161. Effects of optical attenuation, heat diffusion, and acoustic coherence in photoacoustic signals produced by nanoparticles
162. Chip 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. FT-IR-based online PCOD detection and classification through DWT, mathematical morphology and SVM
165. Crystal structure and Hirshfeld surface analysis of 3-cyanophenylboronic acid
166. A New Unbiased FIR Filter with Improved Robustness Based on Frobenius Norm with Exponential Weight
167. Unveiling the hot molecular core in the ultracompact H II region with extended emission G12.21-0.10
168. A Revekil 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 biamphate structures and scouring of extensive and intact layers
172. Mycetoma and phlebotomus (leishmaniasis y tripanosomiasis) exhibit biamphate structures and scouring of extensive and intact layers
173. Reconfiguration of the multiwavelength operation of optical fiber ring lasers by the modifiable intra-cavity induced losses of an in-fiber ring probe modal Michelson Interferometer
174. Highly stable multi-wavelength erbium-doped fiber laser laser based on modal interference
175. Phase space deformations in planar 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 albúmina en adultos mayores)



Clave de convenio: C/PFCE-2018-11MSU013Z-07-18

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

Clave de Proyecto: P/PFCE-2018-11MSU013Z-01

- 178.- The effects of a house-nails 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.- Microclimatic 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 Poly- Biomaterials Using the Polyl Process in the Thermal Electrooxidation Reaction
- 183.- Facile reactions of gold(II) complexes with H₂Te₂ (Sn₂)/paralindone
- 184.- Association between dental hygiene, gingivitis and overweight or the risk of overweight in primary teeth of 4- and 5-year-old preschoolers in México
- 185.- Infection, Avascular Osteitis, and Adverse Effects Using Nitroimidazole in Healthy Patients Undergoing Third Molar Surgery: A Meta-analysis
- 186.- Diffuse neuronal supernova background as a cosmological test
- 187.- Non-canonical Mechanisms of Presynaptic Kalinin Receptors Controlling Glutamate Release
- 188.- Spatial distribution of stable and abandoned land across former Soviet Union countries
- 189.- Block-Coil High-Field Dipole Using Superconducting Cable-in-Conduit
- 190.- Fluorescence properties of Pb₃₀-EG₃₀ co-doped phosphate glasses containing silver nanoparticles
- 191.- QUEST: A Question-based Approach for Camera Motion Estimation from Multiple Feature Points
- 192.- Measurement of the muon salubritud double-differential cross section for quasielastic-like scattering on hydrocarbon at E_μ similar to 3.5 GeV
- 193.- Synthesis of zeolite membranes on calcium silicate support and their bisacryl response
- 194.- On modeling 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 Intensity Toxicological risk in communities exposed to arsenic in water
- 198.- A Comparative Analysis of 2,11-thiocyanomethyl-benzothiazole Degradation Using Electro-Fenton and Anodic Oxidation on a Boron-Doped Diamond Electrode
- 199.- Tip Fiber-Optic Intermodal Interferometer for Refractive Index Sensing
- 200.- New Receding Horizon FIR Estimator for Blind Signal Sensing of Velocity via Position Measurements
- 201.- Comparative study for degradation of industrial dyes by electrochemical advanced oxidation processes with H₂O₂ anodic in a laboratory stirred tank reactor
- 202.- Coronary artery segmentation in X-ray angiograms using graph flows and differential evolution
- 203.- Energetic and energetic performance comparison of different redox reaction arrangements utilizing geothermal energy in cascade
- 204.- Experimental investigation of handloom air regulation in a pilot scale building funded bed reaction and CFD simulation of jiffy and pressure conditions
- 205.- Ecological, environmental and economic sustainability assessment of Stationary Molten Carbonate Fuel Cells
- 206.- Synthesis of mass exchange networks: A novel mathematical programming approach
- 207.- TlH₂-Sn₂Sn oxide node: Service life and role of the acid sites content during water oxidation to hydroxyl radicals
- 208.- Verifide's emergent gravity versus MCHD and the case of dwarf spheroidal
- 209.- A quick and effective method for evaluating substrate-enzyme systems in the enzymatic hydrolysis of agrocellulosic 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 interfacial on process features and control properties of photocatalytic bioethanol separation and dehydrogenation systems
- 213.- Experimental study of non-stationary operation of a dual-wavelength passively mode-locked fiber ring laser
- 214.- Trace element contents in fine particulate matter (PM_{2.5}) in urban school interventions near a contaminated beach with algae talings, Chifáral, Chile
- 215.- Solvent and Catalyst Free One-pot Green Bond-Type Fused Heterocycles Synthesis via Greener-Dieckmann-Dieckmann Reaction/Silyl/Fluor-Coum Nitro-Tautomerization Strategy
- 216.- Synthesis and evaluation of antinociceptive and anti-inflammatory effects of nitro-porphyrins
- 217.- Comparison between Fenton and Fenton-like reactions for I-pyridine degradation
- 218.- CO₂ Binding and Splitting by Boron-Boron Multiple Bonds
- 219.- Conducting Polymers in the Fields of Energy, Environmental Remediation, and Chemical/Chiral Sensors
- 220.- Comparing Jobiness of the Kalman, L₁ and UFR Filters
- 221.- Silica coating of kaolinite on chalcocite in saline water solution
- 222.- Assessment of the acid drainage neutralization capacity and the toxic metals liberation of tailing from Guanajuato mining district, Mexico
- 223.- Hand preferences in two unimodal and two bimodal coordinated tasks in the black-handed spider monkey (*Ateles geoffroyi*)
- 224.- Association between Rheumatoid Arthritis, User Disease, and Very Active Reproductive Organ Impairment (Genomic Ethical Loss: Study on a Mouse Model and on Human Patients)
- 225.- Amine-catalyzed Privileged Divergently-Oriented Synthetic Approach: an Efficient Strategy to Synthesize Multiple Chemical Spaces
- 226.- Modeling Laboratory Friction-Triple Synthesis Using Cobalt Catalysts
- 227.- Boliver Cyclophosphamide via Remote C-H Bond Activation of Br-Pyridinylbenzothiazole: An Experimental Study
- 228.- Nursing Intervention in women with developed lymphedema after undergoing a modified radical mastectomy: A pre-experimental study
- 229.- Evidence for Current Presence of a Colored Precipitate Population in Guanajuato, Mexico
- 230.- Histone acetyltransferase TGF-1 regulates Tribolium stramineum secondary metabolism and myoparasitism
- 231.- The dark side of flipped virtualization
- 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 electrocatalytic bromination of phenols by a new [Rh]-based reagent: The RhDA-ADR₃ system
- 235.- Los polifenoles de la frasa *Artemisia* et *Artemisia* oxidativo en enfermos de cédulas
- 236.- Distinguishing Features between Vagovase-induced Urinary and Esophageal Venous
- 237.- Adaptation of the Contrastive Behavior Scale for Mexican Heterosexual Populations



Clave de convenio: CP/CE-2018-11MSU0032-20-18

Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"
Clave de Proyecto: P/CFE-2018-11MSU0032-201

- 238- Numerical study on the effect of distribution plates 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- H¹⁴C due to scattered radiation on the cancer-patient bodies treated with Tomotherapy
- 242- Simultaneous XEDS-EBSD Study of NiCoAlFeCrCuZr Multi-Component Alloys
- 243- Stealth superconducting Magnet Technology for Collider-III and Injector Requirements
- 244- Characterization of the Molecular Target KR2 of Paracetamol-like Utilizing at Development of New Anticancer Therapies
- 245- Mucilage from chlorella of *Chlorella spindlhoferi* Salm-Dyck: chemical, morphological, structural and thermal characterization
- 247- Mechanism of Tri-lypyridinophenylpyridone Involving Lysozymal Enzyme Asparticase Endoprotease 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 Ultronite Tetrahedrate 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 supercontinuum generation using pulse-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 AC
- 253- Calculating particle pair potentials from fluid-state pair correlations: iterative conjugate-gradient inversion
- 254- Measurement of Final-State Correlations in Neutron-Meson-Proton Mesonless Production on Hydrocarbon at $E_{\nu}>=3\text{ GeV}$
- 255- Infrared X-ray and optical variations of the gamma Caspophage analog ID 45314
- 256- Spin-polarized dark matter
- 257- Synthesis, Photophysical Study, and Biological Application Analysis of Complex Benzimidazolone Dyes
- 258- MULTIFUNCTIONAL DETRENDED FUNCTIONALIZATION ANALYSIS TO CHARACTERIZE HONEY BEE PRODUCTION IN SEMI-ARID ECOSYSTEMS
- 259- The urbanism subject of modern philosophy and the transformations of the real
- 260- Teacher training for inclusion and diversity: challenges and pending agenda in Mexico
- 261- II vertical bar H-5n-5b oxide anodes: Service life and role of the acid slates content during water oxidation to hydrogen radicals
- 262- Single and double activation of ketone by Isobutyl B N and B D Uglye Buns
- 263- Determination of fatty acid methyl esters in cosmetic ester oils by flow injection-electrospray ionization-high-resolution mass spectrometry
- 264- Development of a Fluorescent Body Probe for Visualization of the serotonin 5-H_{1A} Receptor in Native Cells of the Immune System
- 265- A Distinctive New Species of *Mand* from Western Mexico
- 266- Search of Virulence Factors in *Sporothrix schenckii* by Inoculation Mutagenesis
- 267- Antibody generation against the recombinant protein Gp70 from *Sporothrix schenckii* sensu stricto and *Sporothrix brasiliensis*
- 268- Identification and molecular characterization of genes encoding for thiaminoyltransferases in *Sporothrix schenckii* sensu stricto
- 269- Relevance of the protein H-linked glycosylation in the virulence and immune recognition of *Sporothrix schenckii*
- 270- The immunology of fungal pathogens
- 271- RNA-seq and transcriptome-wide analysis of *Sporothrix schenckii* yeast and mycelial forms
- 272- Molecular Study of L-Rhamnose Synthase in *Sporothrix schenckii* and its Role in the Interaction with the Immune Invertebrate 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 (1851-1861)
- 277- Amyotrophic Lateral Sclerosis during pregnancy: an uncommon association
- 278- The influence of communication habits on the citizens' political sophistication
- 279- Polyploidization fronts in deep eucletic systems
- 280- The Metropolisation processes in Queretaro 1590-2010
- 281- Comorbidity increase in-hospital mortality in dengue patients in Brazil
- 282- Presence of death in El Complot merged by Rafael Barria
- 283- Debt as a form of government and subjection in neoliberalism: reflections on equity, 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 SMEs: Suppliers' attitudes for business collaboration
- 289- The contemporary Mexico-Urban 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 STRAIN SEDIMENTS, LA PULMINA 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 MINNE WASTES LEACHATES
- 294- GEOCHEMICAL TRENDS OF ARSENIC AND IRON IN A SMALL RESERVOIR THAT RECEIVES FAIRIE DRAINAGE
- 295- RETENTION OF METALS IN SECONDARY MINERALS IN SEDIMENTS OF A FAIRIE DRAINAGE
- 296- Moving towards both committed research and intervention with a stronger social impact
- 297- Production and chemical composition of hydropykes cultivated in aqueous



Código de convenio: C/PFCE-2018-11MSU00132-07-18

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

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

- 298- Estimation of the loss of honey bee colonies in the alpine and northern regions of Mexico
- 299- EVALUATION OF THE QUALITY OF LIFE OF OLDER HIGH INSTITUTIONALIZED ADULTS OF THE COMM THROUGH THE RUMAT SCALE
- 300- Current trends to control fungal pathogens: exploiting 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- *Amelobia mexicana*, a newly described species from Mexico
- 304- EVALUATION OF THE NANOSTRANI CAUSED BY INCOMPETENT PARTICLES IN AN ALUMINUM-BASED COMPOSITE
- 305- Global optimization algorithms applied in a parameter estimation strategy
- 306- Relations on of 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 branched and leaves from *Erytharadhis polytachya* (Druce) Steg. [Fabaceae]
- 309- Studies of optical nonlinear properties of asymmetric ionic liquids
- 310- Aqueous leaf extracts of *Calotropis chapmani* (Meyen) Chapm cultivated in Veracruz México. 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 *Cytotoxic protein of Bacillus thuringiensis* by the exchange of two amino acids in its domain III
- 313- A numerical and experimental comparison of a single renewable modern 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-absorption refrigeration system (VARS)
- 315- Relation between work function, microstructural and mechanical properties of TiN-films
- 316- Evaluation of exergoeconomic 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 inlet 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 for faecotoxicity (Enteropanath) quality
- 323- Role of protein phosphatase in the *Candida tropicalis*-macrophage interaction
- 324- Removal of Cd(II) from water by using nano-scale methylene blue/oxide sheets as adsorbents
- 325- Rapid & low-cost prototyping of metallic patterns in limited facilities condition
- 326- Numerical study of multiple hole-like pinning in a dispersion-managed fiber-coupled laser
- 327- Evolutionary Design of Problem-Adapted Image Descriptor for Texture Classification
- 328- Comparison of the Energy Potential of Copper and Superconducting Linear Electric Generator
- 329- Topological M-Hallway, self-dual gravity, and the Hitchin parameter
- 330- Effects of lead and lead-metallotin exposure on protein and gene expression of metal transporter, proteins and the copper/zinc ratio in rats
- 331- Regulatory Tink and the Th1/Th2 ABC transporter proteins confer autoimmunity to *Burkholderia* in *Bacillus thuringiensis*
- 332- Qualitative evaluation of ferritin in serum samples by Raman spectroscopy and principal component analysis
- 333- Handed Hologram Approach to Robust FIR Estimation of Dynamic Systems Under External Disturbances
- 334- Association of Haptanin-1, Acetylated G-protein and Cerebral with Sources of Compulsion, Food Addiction, and binge Eating in Adults with Normal Weight and with Obesity
- 335- Mammiferid y conchíferos de programas, un estudio piloto en niños indígenas de la zona de Toluca, México
- 336- Kinetics of the physiological and antioxidant response to water stress in rice
- 337- Robust and accurate UWB-based indoor robot localization using integrated EKF/EHM filtering
- 338- Organic modified silica obtained from DBTL polycondensation catalyst for anticorrosive coating
- 339- Pharmacological Control of Complications following Third Molar Removal: Evidence Based on A Meta-Analysis
- 340- Homodeski dark matter and beyond
- 341- Lessons from HAWC pulsar wind nebulae observations: The diffusion constant is not a constant; pulsars remain the kindest 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 inhomogeneous gears
- 344- Dynamical systems analysis of the cubic gullion beyond the exponential potential and the cosmological analogue of the ϕ -VZ discontinuity
- 345- Chemical response of *Pinus coriarioides* Zucc. radial growth in Sierra del Cielo, Guanajuato, Mexico
- 346- Rapid cosmological simulations in Scalar Field Dark Matter models
- 347- Series solutions of single-field models of friction
- 348- Hidden SU(2) features, and Einstein's junction and the wrong-sign Heunite functions
- 349- Towards a calculation of the halo mass function of a scalar field dark matter
- 350- Cosmologies with scalar fields from higher dimensional K-essence like fields
- 351- Ionic-liquid-templated nanostructures as Repellent Surfaces
- 352- Modeling, simulation and identification of hydroprocessing of micro-algae oil to produce renewable aviation fuel
- 353- A meta-learnistic for topology optimization using probabilistic learning
- 354- Power quality monitoring system under different environmental and electric conditions
- 355- Thermal stability and lability properties of 207554203D biodegradable castor oil an ANI 4120 steel
- 356- Validation of a computational fluid dynamics model for a novel reference time distribution analysis in mixing at cross junctions
- 357- Mitochondrial mothers of a fat nation: Race, gender and epigenetics in obesity research on Mexican mestizo



Clave de convenio: C/PFCE-2018-11MSJ00132-07-18

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

Clave de Proyecto: P/PFCE-2018-11MSJ00132-01

- 358- Microbial nanobots: Electronic arts in the face of Mexico's megadiversity crisis
- 359- Neural correlates of the natural observation of an emotionally heated video
- 360- Tailored algorithm for sensitivity enhancement of gas concentrations sensors based on uniaxial laser absorption spectroscopy
- 361- Antibiofilm activity and antibiotic resistance effects of ultraviolet light irradiation on *S. aureus* biofilms (Lamichan)
- 362- CYP1B1 is a novel epoxidation-modifying enzyme encoded by the pseudomonas aeruginosa plasmid pMS103 plasmid
- 363- Evaluation of the detectability of diastereoisomeric diastereoisomers in induction motors via tandem analysis of the 31st flux
- 364- Protein expression profile of twenty-week-old diabetic dy/ds and non-diabetic mice: A proteomic and biomolecular analysis
- 365- Antineutrophil Chitinase-Current Reactions on Hydrocarbon with Low Molar Weight Transfer
- 366- Design of a novel MEMS microchip with rotating electrostatic comb-drive actuators for biomedical applications
- 367- Effect of Effluents as Stimulating Substances on Sensory Quality Traits in Color Sweet Bell Pepper (*Capsicum annuum* L. cv. Frasciato and Orange) Grown under Greenhouse Conditions
- 368- Black hole formation from the gravitational collapse of a nonspiral 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 cerebral fluid with a proposed neurological disease index in children
- 372- Preparation and characterization of nanocomposite made from diatom syntactically 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- Repeating standard reporters from molecular cloning plasmids with chromoproteins for positive clone selection
- 378- Memetic algorithm with burglar 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 intake and separation process design
- 381- Energy Analysis of an Extractive Distillation Column for Reducing Energy Consumption in a Bioethanol Production Process
- 382- Isopropylidene based multicomponent click reactions: a green and improved synthesis of 1,3-disubstituted 1H-1,2,3,4-tetrazoles
- 383- Feasibility study of using reactive distillation for the production of renewable solution fuel
- 384- UTR Fingerprint for GPS-based Tracking over WiFi with Delayed and Missing Data
- 385- Transduction, exergenicity and linguistic categorization: An interdisciplinary exploration [Traducción, exergenicidad y categorización 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 task exchange networks through a state task representation superstructure
- 389- Feasibility of energy integration for high pressure biobutanol 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 chemistry systems
- 393- Constitutional light influence in legal system: lit. subjective dimension [La influencia de los derechos fundamentales en el ordenamiento: Su dimensión objetiva]
- 394- Linker-free indirect dipropionylation of a Dielsene
- 395- Meta-analysis: Effects of exogenous fibrolytic enzymes in ruminant diets
- 396- Cleavage of DNA triple bonds by main group reagents
- 397- The role of the metal in the dual-metal catalysed hydroperoxylation of diphenylacetylene
- 398- Pyridothaline Alkaloids
- 399- Numerical analysis of wood high-density polyethylene composites: A hyper elastic 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 Pathan, the original FRP filter for three-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 CCA Histogram for Scale-Invariant Texture Classification
- 406- Low GWP working fluids for reversible systems of high temperature heat pump and organic rankine cycle (HTORHC)
- 407- Numerical simulation of a temporary repository of radioactive material
- 408- Computer-aided process simulation, design and analysis: lactic acid production from lipocellulosic residues
- 409- Values, spirituality and alcohol consumption in high school students
- 410- Highly efficient hydrogen generation of Bi3 nanoplates decorated with Ag nanoparticles
- 411- Enhanced photocatalytic activity of layered perovskite oxides Sr2ZrCaLa0.3Fe2O7- δ for MB degradation
- 412- Different scenarios of dynamic coupling in glassy colloidal mixtures
- 413- Different routes into the glass state for soft thermosensitive colloids
- 414- Tensile study of a bilaminar film and heat makes me who I am? the role of transnationalism in identity issues
- 415- "Sleepers" and "Creepers": A theoretical study of colony polyphenisms in the fungus *Neurospora crassa* related to insect pathogenicity and plant chlorophyll degradation
- 416- A microscopic eye: The relevance of the small and the magnificent in narrative art and post-revolutionary Binquet theater [El ojo microscópico: la relevancia de lo minúsculo y lo magnífico en el arte narrativo, pléyades y guñol post-revolucionario]
- 417- A random walk on the profile of a competition of a finitely extended group



Clave de convenio: C/PFCE-2018-11M5UD013Z-07-18
 "Consolidación de la Competitividad Académica de la Universidad de Guayaquil"
 Proyecto: P/PFCE-2018-11M5UD013Z-01

418- A Review on Genetically Modified Plants Designed to Phytoaccumulate Polluted Solids: Biochemical Responses and Interspatial Regulation
 419- A study of bubble size evolution in Jameson Fission cell
 420- Analytical equations of state for U-tangle-well and U-tangle-shoulder potentials
 421- Antimicrobial local effect of the combination of dexketoprofen trometamol and thionamide glucose in a formalin test: An additive effect
 422- Antimicrobial local effect of the combination of dexketoprofen trometamol and thionamide glucose in a formalin test: An additive effect
 423- Anticoagulant, anti-inflammatory, and central nervous system (CNS) effects of the natural coumarin sordarivone
 424- Application of BMO-TOPOs combined with partial least square regression for the determination of mercury and copper in canned tuna, using dithione as the complexing agent and Ag(II) as internal standard
 425- Risk-Constrainted Optimal Fusion Filtering for Decentralized VSM with Correlated Noise Sources
 426- Biobased 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 Rafting Birds and Crocodiles: Implications to the Eggshell's Formation of a Dinosaur of 70 Million Years Old
 431- Cancer Immunotherapy: Priming the Host Immune Response with the Attenuated Salmonella bacteria
 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 R-Heterocyclic Carbene-Aminobiphenyl Ligands from Group VI and VII Metals
 436- Congo Red affects the growth, morphology and activity of glucosaminyl-*D*-glucosaminyl 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 *Entamoeba histolytica*
 439- Cosmologies with scalar fields from higher dimensions applied to Bianchi Type VI_{h = -7} Model: Classical and quantum solutions
 440- Co-synthesis of Kenopin 404 and heterologous Thuroidin H enhances the antibacterial activity of Bacillus thuringiensis
 441- Detect rich n-oligohexamers suitable as electrocatalytic for enhanced capacitive deionization from water
 442- Degradation of polycyclic aromatic hydrocarbons using bacterial isolates from the contaminated soil and table-top fungus *Pleurotus ostreatus*
 443- Dental fluorosis and a polymorphism in the COL12A2 gene in Mexican children
 444- Design and Modeling of a MEMS Dual Backplate Capacitive Microphone with Spine-Supported Diaphragm for Mobile Device Applications
 445- Design and operability of multi-stream heat exchangers for use in the liquefaction processes
 446- Design of Silica-Diurethane Membranes for Inflammatory Response Modulation: Characterization and Polarization of a Macrophage Cell Line
 447- Investigation of an oxidative stress sensor in the bacteria using the optimized Myr2 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 (Famwifad and Journal of Food Science) 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 welding 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 on anisotropy evolution on circular and oval hole expansion behavior of high-strength steel sheets
 457- Effect of ring as impurity on the Structure of Mesoporous SBA203: 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 glóbulos de grasa láctea sobre la liberación de lactoferrina en emulsiones múltiples W1/O/W2]
 459- Effects of *MP2* repeats on the mechanical properties and microstructure of geopolymer metachalcogenide based geopolymers
 460- Efficient degradation of selected pollutant dye using the tetrahydrooxapatite ion, AgCl@TiO₂ in alkaline media
 461- Energy and exergy performance of the HK position in power expansion refrigeration systems [Performance énergétique et exergétique de la position de l'échangeur de chaleur interne (HK) dans les systèmes frigorifiques à détente à éjection]
 462- Environmental epigenetic changes, as risk factors for the development of disease 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* DHS7 via single state observer
 465- Experimental energy analysis of BS3A to replace BS3A in a small capacity refrigerator 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 Gougl Apparatus in *Heurobassoma* Cells is Associated with Tau-induced Ring-Shaped Mitochondria Granules
 468- Free for wheat On liberating the spirit and cultivating with Tau-induced Ring-Shaped Mitochondria Granules
 469- Fully functionalizable 7,7'-BODIPY Dimer: Synthesis, Structure, and Photophysical Studies
 470- Gelatin as a photosensitive material
 471- Generalized multivariable superlattice algorithm
 472- Generation of a synthetic binary plasma that confers resistance to neovascularization for genetic engineering of *Sporothrix schenckii*
 473- Genetic algorithm and artificial neural network model for prediction of discoloration index from an electron oxidation process in a press-type reactor
 474- Gold(III)-catalyzed high-yielding synthesis of indenes by direct Csp³-H bond activation
 475- Hamiltonian approach and quantization of $Q = 3$ - J_{eff} 1 super symmetric non-Abelian multi-particle system
 476- Hexanol with tert-butyl based on Praseodymium-Lanthan mechanisms: A mathematical structure used in reconfiguration for path planning
 477- Highly regio- and stereoselective Diels-Alder cycloadditions of 7-Akroylvinylthioxycarbonyl complexes with *exo*-heterocyclic dienes



Clave de convenio: C/PFCE-2018-11MSUD0332-07-18

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

Clave de Proyecto: P/PFCE-2018-11MSUD0332-01

- 478.- Improving Titanium dioxide dispersion in water through surface functionalization by a dicarboxylic acid
- 479.- Latin American contributions to quantum chemical topology
- 480.- Phazon stars
- 481.- Long-lasting green, yellow, and red photoluminescence of carbon dots embedded on ZnO/ZnO nanoparticles synthesized by a combustion method
- 482.- Manifestation of interfacial heterophily in adolescents and young adults at the north of Mexico [Investigación de heterofilia interfacial en adolescentes y jóvenes al norte de México]
- 483.- Measuring the light crude oil (LCO) content in standard bitude-crude blends by thermal analysis
- 484.- Microwave-assisted post-oxidation of beverages (banana and green) and their quality during refrigerated storage
- 485.- Modeling scaling growth in real transfer surfaces and its application on the design of heat exchangers
- 486.- Molecular thermodynamics of a quantum Leonard-Jones fluid using an effective M₀ potential and the SAFT-VR-Mie approach
- 487.- Moonlighting proteins induce protection in a mouse model agent: Canada 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.- Mutation del gen U2 y miRNAs de inicio tardío: Descripción del primer caso Mexicano
- 491.- New general parametrization of dielectric fields and its observational constraints
- 492.- New reflections on gravitational duality
- 493.- New technologies of lime manipulation
- 494.- Kinetic processing of DNA photodimer with Basillus subtilis UV-endonuclease XyII_D 37272 exonuclease YxCP and low-fidelity DNA polymerases XyII and YqW
- 495.- Novel dyes for transparent protein crystals for the synchrotron facilities and thermal protection of protein crystals
- 496.- Obesity, rain 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 Moyné deformation of Kapton-Wytron systems
- 499.- Optical 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.- Parametric Lambert-Eaton syndrome in a patient with disseminated metastatic cancer [Síndrome paraneoplásico de Lambert-Eaton en paciente con cáncer metastático diseminado]
- 502.- Participation of ATP-sensitive K⁺ channels and P₂-uptid receptor in the antinociceptive response of the paracetamol-temperature co-administration in the formalin-induced pain assay in mice
- 503.- Pangenome produced caliche affects immune priming: A potential pathogen strategy
- 504.- Physicochemical, nutritional and antibiotic characterization of three vegetable (Furcraea foeniculifolia 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 USO experiment
- 506.- Principles of caring to the elderly in Peruvian and Mexican families: Comparative study [Principios de cuidado al adulto mayor en familias Peruanas y Mexicanas: Estudio comparado]
- 507.- Protective Group-Free Total Synthesis and Biological Evaluation of 3-Methylxanthine and Structural Analogs
- 508.- Reactivity of Tetra- and Dithionitoborate(IV) toward Lewis Basic Platinum(0): Bipyridyl, Borphenolate, and Doubly Bridged Platinum Complexes
- 509.- Removal of lead-laced 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 Pericardial Implant Crosslinked With Chitosan
- 511.- Resolving the connection between magnetic activity, rotation period, and convective turnover time for main-sequence stars
- 512.- Rationally designed electronic spectroscopy of 3-cyanobenzole and the 3-cyanophenol-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 diffusion process for the ethanol production
- 516.- Steady activity of washed, coal-giants - old questions revisited
- 517.- Stochastic paths in SMCs: A novel multidimensional lazy logit system (mLDS) approach [Pines estocásticas en PVMCs: Hovetoso enfoque de un sistema multidimensional difuso]
- 518.- Structure, rheology, and microtopology of wormlike micelles made of PE-PD diblock copolymers
- 519.- Study of Polymer-Solvent Interactions of Complex Polystyrenes Using Dissipative Particle Dynamics
- 520.- Study of silica nanoparticle for bumper factor: Mechanical, chemical characterization and impact simulation [Incompósitos de sílice para factor: caracterización química, mecánica y simulación de impacto]
- 521.- Sustainable production of renewable aviation fuel through intensification strategies
- 522.- Synthesis and characterization of Fe3O4/PS-r-PA 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 phar linkage to yield up to eight isomers
- 525.- Targeting the maximum outlet temperature of solar collectors
- 526.- The decline of a rebel: The final years of Ricardo Flores Magón [El ocaso 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 quantum dark energy models
- 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 keishikonin: the regio-controlled strategy for accessing its 1-methyl-4-arylbenzimidazole core
- 532.- Tunable Optical Fiber 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 protein interactions of three novel farnesyl-derived agonist oxazin enones: a computational study
- 535.- Use of fish and chitosan for the inhibition of antibiotic resistant Staphylococcus aureus biofilm formation [Uso de pescado y quitosano para la inhibición de Staphylococcus aureus resistente a antibióticos y asociado a masillas 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/PICTE-2018-11MSU00132-07-18
Proyectos: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"
Clave de Proyecto: P/PICTE-2018-11MSU00132-01

- 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 drop-in modeling for predicting energy performance of R133a/1 as low GWP refrigerant (Modelación de la conversión inmediata d'un réfrigérant liquide à vitesse variable pour prédire la performance énergétique du R133a/1 comme frigorigène à l)
- 541- A practical chemical analysis in natural beer oxidative, and its acceptance in beer
- 542- Application movie review by hypothesis for embryo transfer in goats: a review
- 543- ATTITUDES AND KNOWLEDGE ON VITAMIN D AND CALCIUM PATCHING PRIMARY CARE PHYSICIANS (PCPs)
- 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 ETD
- 546- Diabetes prevention with lifestyle, Inagliptin 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 tetrahydrocarate ion, Ag(OH)⁻, in alkaline media
- 549- Empowered third age and expansion urban culture in Latin America
- 550- Estros synchronization in ewes with PGF2 alpha and luteinized with "ovale effect"
- 551- Experimental validation of online monitoring and optimization strategies applied to a biobutanol production dark fermenter
- 552- FROM COMING OUT TO HUMAN RIGHTS IN THE DEMANDS OF CIVIL SOCIETY ORGANIZATIONS OF LGBT: DISCURSIVE STRATEGIES OF REFUGEE
- 553- Functional characterization of the Sporobolus obsoletus K14 and K15, mannosyltransferases involved in the D- linked glycosylation pathway
- 554- Hydrogels of chitosan as bioadhesives 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- The experience of adolescent drug users: a phenomenological approach
- 558- Male effect and "temporary weaning" in synchronization of post-partum ovarian activity in Polibrey ewes
- 559- Mechanical Design and Assessment of a Low-Cost 7-DOF Prosthetic 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 plasticity by the exposure to tyrosol
- 563- Mutation of the R2 gene and the onset morphology description of the first tuberculin case
- 564- N-fenflon(1,4-dimethylpiperazine) hydrochloride in cheese, meat and fish products is affected by the presence of copper during elaboration process
- 565- PATRIOTSKA. A CONCEPT OF ACTION AND REACTION. RESPONSIBILITY TO ACT IN TIMES OF CRISIS (1808-1812)
- 566- Plasma expression of miR-549 in non alcoholic fatty liver disease in a Mexican population
- 567- Population growth curve of Spodoptera frugiperda in maize in Irapuato, Guanajuato, Mexico
- 568- Potential access for sunflower cultivation under rainfed conditions in Guanajuato, Mexico
- 569- PREVALENCE OF HYPOVITAMINOSIS D IN PATIENTS FROM A PRIVATE HOSPITAL
- 570- Rescue therapy with Inagliptin to improve glucose metabolism and pancreatic beta cell function in patients with prediabetes with no response to metformin
- 571- Reinforcing 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 Computed Parabolic Concentrator Reactor
- 574- System for the recognition of wear patterns on microstructures of carbon steels using a multi-layer perception
- 575- THE SPANISH COURT AS A CONSTITUTIONAL COURT: THE INEVITABLE APPROACH OF THE JUDICIAL FUNCTION TO THE POLITICAL
- 577- UBERIZATION OF STATISTICAL METHODS ASSOCIATED WITH THE LEVELS OF AGGREGATION OF SPATIAL INFORMATION
- 578- WHAT DO PRIMARY CARE PHYSICIANS REALLY KNOW ON EXTRASKELETAL EFFECTS OF VITAMIN D?
- 579- You Know English, so Why Don't You Teach? Language Ideologies and Returnees' Becoming English Language Teachers in Mexico
- 580- Determination of copper and lead in leghaemoglobin by electrochemical sensor/oxidation 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 Intensified Separation Processes
- 582- Long-time dynamics and hydrodynamic correlations in quasi-two-dimensional anisotropic colloidal mixtures
- 583- Ultrasound-assisted green one-pot synthesis of linked bis-heterocycle probedimeticzvs NKC/foot transformation/indom strategy
- 584- Improvement of the degradation of Methyl Orange Using a TiO2/BOD composite electrode to promote electrochemical and photoelectro-oxidation processes
- 585- Few rurality and the experience of place: the small town locality of La Hita, Buenos Aires, Argentina
- 586- Synthesis and structural characterization of neutral bisoxazone (bato) compounds containing salophen and thioxyanate-H ligands
- 587- Advanced glycation end products and their receptors did not show any association with body mass parameters in metabolically healthy adolescents
- 588- Viability of Entomopathogenic Fungus in Banded Sawfly and Engorged Females of Hippelaphis sanguineus Sensu lato and Its Effect on Reproductive Potential
- 589- Fetal sadness 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 multifault diagnosis on rheumatic chain
- 592- Histopathological alterations in mice under sub-acute treatment with *Mitochondria latiflora* methanolic stem bark extract
- 593- A Case of Acute Pempiliger Vulgaris Fishpox Associated with Cerebral Use and Review of the Literature
- 594- The XXI Survey XXXIV. Double Iron in XXI Month: A Tale of Two Radio Galaxies in a supercluster at z = 0.14
- 595- The XXI Survey XXX. Characterisation of the XISSC V01 supercluster and analysis of the galaxy stellar populations
- 596- The XXI Survey XX. The 365 cluster catalogue
- 597- Branding model bias in a deep learning classifier using domain adversarial neural networks in the MITREVAL experiment



Clave de convenio: C/FFCE-2018-11MSUB0132-01-18
Proyecto: "Consolidación de la Competitividad Académica de la Universidad de Guanajuato"
Clave de Proyecto: P/FFCE-2018-11MSUB0132-01

- 598- Modeling hand/limb kinematics using a bio-inspired algorithm with a local search.
- 599- Echocardiop-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_2 and H^1 Performance of the Continuous-Time Dashed at 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 proleptic motion in view of conformable derivative
- 605- On quantum hyperbolicity and the critical behavior of nonextensive ideal Bose gases
- 606- First Report of *Bragdia hirsuta* Burmeister, 1835 (Hemiptera: Pentatomidae) in the State of Guanajuato, Mexico
- 607- T2 mutations and late onset myopathy: First description in a Mexican patient [Mutación del gen *TT2* 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 antivaccina. La vacuna de la viruela. Parte 2]
- 610- Immunity and treatment of sporidiosis
- 611- Hybrid algorithmic approach oriented to incipient rotor fault diagnosis on induction motors
- 612- Genetic diversity in *Pseudomonas syringae* pv. *mausculicola* 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 Ziegler-Natta catalysts
- 615- Calculating particle-pair potentials from bulk-state pair correlations: Iterative Ornstein-Zernike inversion
- 616- Measurement of Fresh-State Correlations in Isotactic Mon-Proton Mesonless Production on Hydrocarbon at E₀ = 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 lenguas y traductores]
- 619- Validation of the EuroSCORE model in patients undergoing heart surgery in Regional Hospital of High Speciality of Bajío
- 620- Manurition and program coverage, a pilot study of Tenk children in Tokyo, Mexico [Alimentación y cobertura de programas, un estudio piloto en niños indígenas Tenk en Tokyo, México]
- 621- Competing Robustness of the Kalman, H^2 , and UFR Filters
- 622- Determination of a Fluorescent Methyl Probe for Visualization of the Serotonin-5-HT_{1A} Receptor in Rathe Cells of the Immune System
- 623- Determination of fatty acid methyl esters in cosmetic ester oils by flow injection-derivatization: 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 Distinction How Species of *Mad* Turtle from Western México
- 626- From coming out to human rights in the demands of civil society organizations of LGBT: Discursive strategies of refuge [Del coming out a los derechos humanos en las demandas de las organizaciones de la sociedad civil del movimiento LGBT: Estrategias discursivas de refugio]
- 628- Abel 1387: A high fraction of blue-type galaxies displaying H α morphology and kinematic perturbations
- 629- Comparative evaluation of three different ELISA assays and HPLC-ESI-MS/MS for the analysis of N⁷-carboxymethyl lysine in food samples
- 630- Dynamic response behind an accident occurred in a main WSS
- 631- Measurement of the neutron antineutrino double-differential cross section for quasielastic-like scattering on hydrocarbon at E₀ = 3 GeV
- 632- Caloric [7S-CM β gHh] Complexes with Methylated N⁷-Phosphoryl-Featuring 7 β -Thiophosyl plus Pseudo-oligic Coordination
- 633- Critical incidents of transnational student-teachers in Central Mexico: Incidents 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 pesticides and DDT[β -HCH] analogs in maize cobs by Gas chromatography - Tandem mass spectrometry in multiple reaction monitoring mode
- 636- Two-Field Axion Inflation and the Strongest Constraint in the Flux-Scaling Scenario
- 637 - Mineralogy and geochemistry of stream sediments, from la Panchina Basin Dam, Guanajuato-México
- 638- Application of liquid chromatography with bioinformatic detection for the determination of urinary pentosidine in Type 2 diabetes mellitus patients: Effect of rehabilitation administration on podocytes and relationship with metabolic control
- 639- Special issue: sporothrix and sporothricosis
- 640- "Homo Caloricus": The epistemological construction of lipophilic sigma in public health media discourses [Homo Caloricus": La construcción epistemológica del estigma lipofílico en los discursos mediáticos de salud pública]
- 641- A comparative analysis of 2-thiouracil[thio] benzothiazole degradation using electro-fenton and anodic oxidation on a boron-doped diamond electrode
- 642- Numerical modeling of sediment transport with cycles 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 H¹H-NMR and chemometrics
- 645- Hydrocracking of triglyceride feedstock to produce renewable aviation fuel
- 646- Synthesis, characterization, and mechanical performance of cellulose functionalized carbon nanotubes polyurethane 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- Risar differentialiterna filena for communitations
- 652- Adsorption of arsenic on granular ferric hydroxide (GFH): Impact of initial concentration of arsenic(V) on kinetics and equilibrium state
- 653- Activated Hydrogels Obtained by Coprecipitation as Photocatalysts for the Degradation of 2,4,6-Trichlorophenol
- 654- Optical gas sensor based on the fiber laser resonator regime for measuring acetylene
- 655- Advances in the production of renewable energy: The role of chemical engineering
- 657- The Golden Pentagon of Albert Dürer in the Paroque de San Francisco de Asís, Salamanca, México

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Clave de convenio: C/P/CE-2018-11MSU0132-07-18

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

Clave de Proyecto: P/P/CE-2018-11MSU0132-01

- 658- Efficient degradation of selected polluting dyes using the tetrahydroamogentate Ion, AgClO₄ in alkaline media
- 659- Microfluidic reconfigurable filter based on ring resonators
- 660- Model-based approach to enhance configurations for 2G5-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 torula RR and RR triple bonds
- 664 - A Fast Image Relating Algorithm Using Morphological Reconstruction
- 665- Antibacterial activity of Ag⁺ hexafluoroantimonate(V) complex
- 666- Tomato ripening in the Colliques Valley, Mexico (Matured Irregular de tomate en el Valle De Cualescan, México)
- 667- Classical and Quantum Exact Solutions for a 3D Nonlinear Schrödinger Equation 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 *Myotis occidens* (Vesperugo) in the State of Guanajuato, Mexico
- 672- Immunomodulatory Effects of 17 β -Estradiol on Epithelial Cells during Bacterial Infections
- 673- Synthesis of polyfluorenes by oxidative polymerization: their characterization and implementation in organic solar cells
- 674- Electrochemical treatment of azarone solutions using an undoped silver tank cell with pi or BDD anode
- 675- Inherently Safe Design and Optimization of Intensified Separation Processes for Fuelinal Production
- 676- Priority areas to collect Berriopsis of Panama (Ammonacea) in Mexico based on diversity and species richness indices
- 677- Invasive *Schistosoma aduncum* with Lepidic Growth Pattern in a Pregnant Patient
- 678- Controlling the white phosphorescence ZnGa₂O₄ phosphors by surface defects
- 679- Fluorenoneolates inhibit amyloid beta aggregation. In vitro and in silico 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)

Ponencias

No se han agregado Ponencias

Memorias

- 1- Robustler Detection of rotor flux Breakage in Induction Motors via MRDC and ZSC
- 2- Four Channel Mini Wire Chamber to Study Cosmic Rays
- 3- Accurate Fiber Computation in Cha Breakpoints Using Hybrid Confidence Maps With Applications to SIP 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 (II) in Trihexyltetraethyl phosphonium Bk₂ 4, 4-tetrahydropyridyl Phosphate Ionic Liquid (Cpohos II, 10A %) and its Deposition
- 7- Study of nonlinear fluid effects into yttrium-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 thermoelectric instabilities of a trapped vortex combustor
- 12- Coating Identification in spherical and anisotropic gold nanoparticles by SEM technique
- 13- Determination of the production profile of bacteriophage waste for the city of Bucaramanga and its energy capacity
- 14- Dielectric properties of polypropylene (Biceps femoris) in the microwave range affected by the gender
- 15- Enhancement of vesicles in coronary angiograms using a Hessian matrix based on Grunwaldt-Letnikov fractional derivative
- 16- Enzymatic pre-treatment of high content cellulose feedstock improves Biogas production
- 17- Field and Cost Optimization of a 5T/m Normal Conducting quadrupole for the 10 MAuV beam line of the Electron Line of the Mexican Particle Accelerator Community
- 18- GPS based Tracking over VSNS with Delayed and Missing Data using UFRF Filtering
- 19- Linear Optimal Fusion of Local Unbiased RR Filters
- 20- Multi-resolution analysis signal in a three beam path Mach-Zehnder heterodyne receiver based on a discrete wavelet transform
- 21- Participation of universities in the diffusion of methodology research: the case of the Rheology Symposium from CEBMA
- 22- Reconfigurable dual-band to single-band filter based on a composite lightly/dielectric resonator
- 23- Reconfigurable passband filter using a controllable variable inductance
- 24- Selection of processing temperature for a functional beverage with antioxidant activity in order to preserve its proteomic profile
- 25- Silver spherical micro resonators temperature sensor, experiments and simulation
- 26- Effect of Mg is impurity on the Structure of Mesoporous P-AN203: Efficiency as Catalytic Support in HD5 of DBI
- 27- A study on the geometry of sinkers used for calibration of hydrometers with the flag method
- 28- Estimation of menshous reading uncertainty in volume calibration of conical volumetric instruments
- 29- ECG Signals Denoising in State Space using UFRF 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 Travelling Thief Problem



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

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

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

- 33- Classification of pathologies by anticid gene integrating color and texture descriptors
- 34- Modeling of the electro-peroxide process for the degradation of orange reactive 16 dye
- 35- A hydrodynamic and mass transfer study based on modeling and numerical simulation of an electrocoagulation process for sulfate ions removal
- 36- Design of a Fabry-Pérot Interferometer based on silicon wafer for diiodic gas sensing applications
- 37- Topical trials classification using an adenyl-type convolutional neural network and image augmentation
- 38- Qualitative characterization of collagen hydrogel membranes using digital histographic microscopy and SHG microscopy
- 39- Human Adenovirus Type 5 Increases host cell methylation and modifies Lys1 antigen expression
- 40- Prevalence of Morphometric Vertebral Fractures Does Not Differ in Patients With and Without Clinical Fractures in a Fracture Union Service Open Model
- 41- Prevalence of Hypophysiomastitis Dip. 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 VOCs
- 43- Possible role of a hexane acconductor disruptor in occupationally exposed women at reproductive age
- 44- CASP PRESENTATION OF REPRODUCTION CELLULITE RESISTANT TO TREATMENT IN PATIENTS WITH LLC/CLP
- 45- UICERATIVE COLITIS ECLIP US CLAY POST TRANSPLANTATION AUTOGENIC OF PROSENITOR CELLS HEMATOPOYETICS
- 46- Energy and energy performance of the IIR position in ejector expansion refrigeration systems
- 47- Variable speed liquid chiller drop-in 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- Efectivos a base de TiO₂/BDD para su aplicación en la degradación de contaminantes orgánicos disueltos en agua de diferentes orígenes
- 4- Dispositivo de rano calentamiento por inducción magnética con inversor auto resonador
- 5- Protéina recombinante mangle with hem-sensitised vacuum jacket
- 6- Círculo geométrico de tiempo con mascarillas circulares de fase binaria
- 7- Instrumento de profundidad de tiempo con mascarillas circulares de fase binaria
- 8- Dispositivo controlador de polarización óptica para alineación angular
- 9- Proceso para la purificación de butanol, Acetona y Etanol por columnas de destilación no convencionales de pared dividida, asistidas por extracción líquido-líquido
- 10- Generador sintonizable 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-oligonucleótido-silice
- 13- Dispositivo detector de flujo magnético

Dr. Luis Felipe Guerrero Aragón
Rector General

Dr. Raúl Miras Treviño
Responsable del Proyecto