

APOYOS AUTORIZADOS PARA EL PAGO DE PUBLICACIÓN DE ARTÍCULOS Y TRÁMITES DE PATENTE 2021

ARTÍCULOS DE INVESTIGACIÓN

DEPENDENCIA POLITÉCNICA:	NOMBRE DEL PROFESOR	TÍTULO DE LA PUBLICACIÓN	NOMBRE DE LA REVISTA	ISSN
CBG	CLAUDIA PATRICIA LARRALDE CORONA	RATIONAL SELECTION OF MIXED YEASTS STARTERS FOR AGAVE MUST FERMENTATION.	FRONTIERS IN SUSTAINABLE FOOD SYSTEMS	2571-581X
CEPROBI	FEDERICO CASTREJÓN AYALA	EFFECTIVENESS OF PUSH-PULL SYSTEMS TO FALL ARMYWORM (SPODOPTERA FRUGIPERDA) MANAGEMENT IN MAIZE CROPS IN MORELOS, MEXICO	INSECTS	2075-4450
CEPROBI	GUILLERMO MÁRQUEZ LICONA	FIRST REPORT OF PODOSPHAERA APHANIS CAUSING POWDERY MILDEW ON WILD BLACKBERRY SPECIES (RUBUS SPP.) IN MEXICO	PLANT DISEASE	0191-2917
CEPROBI	KALINA BERMÚDEZ TORRES	UNRAVELING THE BIOSYNTHESIS OF QUINOLIZIDINE ALKALOIDS USING THE GENETIC AND CHEMICAL DIVERSITY OF MEXICAN LUPINS	DIVERSITY	1424-2818
CEPROBI	GABRIELA TREJO TAPIA	SYNERGISM AND SUBADDITIVITY OF VERBASCOSIDE-LIGNANS AND -IRIDOIDS BINARY MIXTURES ISOLATED FROM CASTILLEJA TENUIFLORA BENTH. ON NF-KB/AP-1 INHIBITION ACTIVITY	MOLECULES	1420-3049
CEPROBI	FRANCISCO RODRÍGUEZ GONZÁLEZ	INFLUENCE OF AGE ON MOLECULAR CHARACTERISTICS AND RHEOLOGICAL BEHAVIOR OF NOPAL MUCILAGE	FOOD SCIENCE & NUTRITION	2048-7177
CIC	CORNELIO YÁÑEZ MÁRQUEZ	NANOCHEST-NET: A SIMPLE CONVOLUTIONAL NETWORK FOR RADIOLOGICAL STUDIES CLASSIFICATION	DIAGNOSTICS	2075-4418
CIC	CORNELIO YÁÑEZ MÁRQUEZ	BRAIN HEMORRHAGE CLASSIFICATION IN CT SCAN IMAGES USING MINIMALIST MACHINE LEARNING	DIAGNOSTICS	2075-4418



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CICATA-ALT	FELIPE CABALLERO BRIONES	ONE-STEP, LOW TEMPERATURE SYNTHESIS OF REDUCED GRAPHENE OXIDE DECORATED WITH ZNO NANOCRYSTALS USING GALVANIZED IRON STEEL SCRAP	MATERIALS RESEARCH EXPRESS	2053-1591
CICATA-QRO	JOAQUÍN SALAS RODRÍGUEZ	FINE-GRAINED LARGE-SCALE VULNERABLE COMMUNITIES MAPPING VIA SATELLITE IMAGERY AND POPULATION CENSUS USING DEEP~LEARNING	REMOTE SENSING	2072-4292
CICATA-QRO	REGINA HERNÁNDEZ GAMA	PRODUCTION OF RHAMNOLIPIDS BY THE THERMOANAEROBACTER SP. CM-CNRG TB177 STRAIN ISOLATED FROM AN OIL WELL IN MEXICO	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	1432-0614
CICIMAR	CHRISTINE JOHANNA BAND SCHMIDT	CELL DEATH AND METABOLIC STRESS IN GYMNODINIUM CATENATUM INDUCED BY ALLELOPATHY	TOXINS	2072-6651
CICIMAR	HÉCTOR VILLALOBOS ORTIZ	DIVING DEEPER INTO THE UNDERLYING WHITE SHARK BEHAVIOURS AT GUADALUPE ISLAND, MEXICO	ECOLOGY AND EVOLUTION	2045-7758
CICIMAR	RAFAEL CERVANTES DUARTE	VARIABILITY OF NET PRIMARY PRODUCTIVITY AND ASSOCIATED BIOPHYSICAL DRIVES IN BAHIA DE LA PAZ, MEXICO	REMOTE SENSING	2072-4292
CIDETEC	YENNY VILLUENDAS REY	CLASSIFICATION OF DISEASES USING MACHINE LEARNING ALGORITHMS: A COMPARATIVE STUDY	MATHEMATICS	2227-7390
CIDETEC	YENNY VILLUENDAS REY	SUPERVISED CLASSIFICATION OF DISEASES BASED ON AN IMPROVED ASSOCIATIVE ALGORITHM	MATHEMATICS	2227-7390
CIIDIR-DGO	MARÍA BERENICE GONZÁLEZ MALDONADO	DELIMITACIÓN MORFOLÓGICA ENTRE CHELONUS INSULARIS Y CHELONUS SONORENSIS (HYMENOPTERA: BRACONIDAE) EN LA REGIÓN MAICERA DE DURANGO, MÉXICO	SOUTHWESTERN ENTOMOLOGIST	2162-2647



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CIIDIR-DGO	MARÍA ELENA PÉREZ LÓPEZ	KEYLINE IN BEAN CROP (PHASEOLUS VULGARIS L.) FOR SOIL AND WATER CONSERVATION	SUSTAINABILITY	2071-1050
CIIDIR-OAX	PRISCILIANO FELIPE DE JESÚS CANO BARRITA	MOISTURE DISTRIBUTION DURING WATER ABSORPTION OF ORDINARY PORTLAND CEMENT MORTARS OBTAINED WITH LOW-FIELD UNILATERAL MAGNETIC RESONANCE	MATERIALS	1996-1944
CIIDIR-OAX	SADOTH SANDOVAL TORRES	NUMERICAL SIMULATION AND EXPERIMENTAL CHARACTERIZATION OF THE HEAT TRANSFER IN A PV/T AIR COLLECTOR PROTOTYPE	CASE STUDIES IN THERMAL ENGINEERING	2214-157X
CIEMAD	CARLOS FELIPE MENDOZA	EFFECT OF CALCINATION TEMPERATURE AND CHEMICAL COMPOSITION OF PAN-DERIVED CARBON MICROFIBERS ON N ₂ , CO ₂ , AND CH ₄ ADSORPTION	MATERIALS	1996-1944
CIITEC	ANTONIETA GARCÍA MURILLO	STRUCTURAL AND MORPHOLOGICAL STUDIES OF LICO1-XSMXOY POWDERS OBTAINED BY THE SOL-GEL METHOD	JOURNAL OF NANOTECHNOLOGY	1687-9503
CIITEC	FELIPE DE JESÚS CARRILLO ROMO	LUMINESCENT AEROGELS OF GD ₂ O ₃ :EU ³⁺ & GD ₂ O ₃ :(EU ³⁺ , TB ³⁺)	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY	2238-7854
CIITEC	IRINA V. LIJANOVA	SYNTHESIS OF AMMONIUM-BASED IONIC FOR THE EXTRACTION PROCESS OF A NATURAL PIGMENT (BETANIN)	MOLECULES	1420-3049
CMPL	DIANA PALMA RAMÍREZ	AN ASSEMBLY STRATEGY OF POLYLACTIC ACID (PLA)-SIO ₂ NANOCOMPOSITES EMBEDDED IN POLYPROPYLENE (PP) MATRIX	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY	2238-7854
CPS	JACINTO ELÍAS SEDEÑO DÍAZ	THE IMPORTANCE OF RIVER CORRIDORS IN DRYLANDS: THE CASE OF TEHUACÁN-CUICATLÁN BIOSPHERE RESERVE	FRONTIERS IN ENVIRONMENTAL SCIENCE	2296-665X
ENCB	ARMANDO VEGA LÓPEZ	THE GENERATION OF ROS BY EXPOSURE TO TRIHALOMETHANES PROMOTES THE IKBA/NF-KB/P65 COMPLEX DISSOCIATION IN HUMAN LUNG FIBROBLAST: EXPERIMENTAL AND COMPUTATIONAL APPROACH	FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY	2296-634X



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ENCB	EUGENIA LÓPEZ LÓPEZ	AQUATIC MACROINVERTEBRATE ASSEMBLAGES IN RIVERS UNDER THE INFLUENCE OF MINING ACTIVITIES	SCIENTIFIC REPORTS	2045-2322
ENCB	FRANCISCO JAVIER SÁNCHEZ GARCÍA	GLYCOLYSIS-, KREBS CYCLE-, AND MICROBIOTA-DERIVED METABOLITES INDUCE DIFFERENTIAL MITOCHONDRIAL REPROGRAMMING IN HUMAN MACROPHAGES	FRONTIERS IN IMMUNOLOGY	1664-3224
ENCB	JORGE OMAR GÓMEZ GARCÍA	THREE-COMPONENT SYNTHESIS OF 2-AMINO-3-CYANO-4H-CHROMENES, IN SILICO ANALYSIS OF THEIR PHARMACOLOGICAL PROFILE, AND IN VITRO ANTICANCER AND ANTIFUNGAL TESTING	PHARMACEUTICALS	1424-8247
ENCB	ROMMEL CHACON SALINAS	SEVERE COVID-19 IS MARKED BY DYSREGULATED SERUM LEVELS OF CARBOXYPEPTIDASE A3 AND SEROTONIN	JOURNAL OF LEUKOCYTE BIOLOGY	0741-5400
ENCB	TANIA RAYMUNDO OJEDA	THREE NEW SPECIES OF RHYTIDHYSTERON (DOTHIDEOMYCETES, ASCOMYCOTA) FROM MEXICO	MYCOKEYS	1314-4057
ENMH	CYNTHIA ORDAZ PICHARDO	TABEBUIA ROSEA (BERTOL.) DC. ETHANOL EXTRACT ATTENUATES BODY WEIGHT GAIN BY ACTIVATION OF MOLECULAR MEDIATORS ASSOCIATED WITH BROWNING	JOURNAL OF FUNCTIONAL FOODS	1756-4646
ESIME-AZC	MARÍA TERESA ZAGACETA ALVAREZ	IMPLEMENTATION OF A FUZZY LOGIC CONTROLLER FOR THE IRRIGATION OF ROSE CULTIVATION IN MEXICO	AGRICULTURE BASEL	2077-0472
ESIME-CUL	JUAN GERARDO AVALOS OCHOA	A DUAL ADAPTIVE FILTER SPIKE-BASED HARDWARE ARCHITECTURE FOR IMPLEMENTATION OF A NEW ACTIVE NOISE CONTROL STRUCTURE	ELECTRONICS (SWITZERLAND)	2079-9292
ESIME-TIC	ALEJANDRO MONSIVÁIS HUERTERO	VALIDATION OF NASA SMAP SOIL MOISTURE PRODUCTS FOR AGRICULTURAL REGIONS IN CENTRAL MEXICO: AN ANALYSIS BASED ON THEXMEX DATASET	IEEE JOURNAL OF SELECTED TOPICS IN APPLIED EARTH OBSERVATIONS AND REMOTE SENSING	1939-1404



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ESIME-TIC	MARCO ANTONIO GARCÍA BERNAL	SUPERPLASTICITY AT INTERMEDIATE TEMPERATURES OF ZK60 MAGNESIUM ALLOY PROCESSED BY INDIRECT EXTRUSION	METALS	2075-4701
ESIME-TIC	OLIVER MARCEL HUERTA CHAVEZ	COMPUTATIONAL MODELING OF TURBULENT SPRAY COMBUSTION PROCESS USING RANS AND LARGE-EDDY SIMULATIONS	JOURNAL OF AEROSPACE ENGINEERING	0893-1321
ESM	VIRGINIA SÁNCHEZ MONROY	PROINFLAMMATORY AND OXIDATIVE STRESSES STATES INDUCED BY HUMAN PAPILLOMAVIRUS AND CHLAMYDIA TRACHOMATIS COINFECTION AFFECT SPERM QUALITY IN ASYMPTOMATIC INFERTILE MEN	MEDICINA-LITHUANIA	1648-9144
UPIBI	ALEJANDRO CRUZ	BENZOTHAZOLES FROM CONDENSATION OF O-AMINOTHIOPHENOLS WITH CARBOXYLIC ACIDS AND THEIR DERIVATIVES	MOLECULES	1420-3049
UPIBI	DAVID CRUZ ORTIZ	PATH GENERATOR FOR A VIRTUAL UPPER-LIMB ACTIVE CONTROLLED ORTHOSIS BASED ON A CONTINUOUS NEURAL NETWORK MUSCULOSKELETAL APPROXIMATED MODEL	IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS	2168-2216
UPIBI	JESÚS AGUSTÍN BADILLO CORONA	PAS DE TROIS: AN OVERVIEW OF PENTA-, TETRA-, OCTA-TRICOPEPTIDE REPEAT PROTEINS FROM CHLAMYDOMONAS REINHARDTII AND THEIR ROLE IN GENE EXPRESSION.	FRONTIERS IN PLANT SCIENCE	1664-462X
UPIBI	JORGE YÁÑEZ FERNÁNDEZ	CHARACTERIZATION OF FUNCTIONAL PROPERTIES OF DEXTRAN PRODUCED BY NATIVE STRAIN LEUCONOSTOC MESENTEROIDES SF3	ACS OMEGA	2470-1343
UPIBI	JOSÉ ÁNGEL ZAMUDIO MEDINA	SYNTHESIS OF NEW ORGANOPHOSPHATES BY TWO METHODOLOGIES, DOUBLE (ADDITION-ELIMINATION) AND MULTICOMPONENT REACTIONS (MCR) AND THEIR THEORETICAL ANALYSIS STUDIES.	MOLECULES	1420-3049



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UPIICSA	ELIZABETH ACOSTA GONZAGA	THE INFLUENCE OF MOTIVATION, EMOTIONS, COGNITION, AND METACOGNITION ON STUDENTS' LEARNING PERFORMANCE: IN BLENDED AND TRADITIONAL CONTEXTS	SAGE OPEN	2158-2440
UPIICSA	ELIZABETH ACOSTA GONZAGA	DO LEARNING STYLES ENHANCE THE ACADEMIC PERFORMANCE OF UNIVERSITY STUDENTS? A CASE STUDY	INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS	2156-5570
UPIIG	JOAQUÍN GONZÁLEZ MARRERO	IN VITRO CULTURE OF ROSMARINUS OFFICINALIS L. IN A TEMPORARY IMMERSION SYSTEM: INFLUENCE OF TWO PHYTOHORMONES ON PLANT GROWTH AND CARNOSOL PRODUCTION	PHARMACEUTICALS	1424-8247
UPIIG	JOSÉ ALFREDO HERNÁNDEZ MALDONADO	CR (III) REMOVAL CAPACITY IN AQUEOUS SOLUTION IN RELATION TO THE FUNCTIONAL GROUPS PRESENT IN THE ORANGE PEEL (CITRUS SINENSIS)	APPLIED SCIENCES	2076-3417
UPIIH	DIEGO ADRIÁN FABILA BUSTOS	DEVELOPMENT OF VIRTUAL REALITY AUTOMOTIVE LAB FOR TRAINING IN ENGINEERING STUDENTS	SUSTAINABILITY	2071-1050
UPIITA	FÉLIX ALMENDRA ARAO	DIGIT ANALYSIS FOR COVID-19 IN NORTH AMERICA	JP JOURNAL OF BIostatISTICS	0973-5143
UPIITA	LEV GUZMAN VARGAS	THE COMPLEX STRUCTURE OF THE PHARMACOLOGICAL DRUG–DISEASE NETWORK	ENTROPY	1099-4300
UPIITA	VÍCTOR BARRERA FIGUEROA	EPILEPTIC FOCUS LOCATION IN THE CEREBRAL CORTEX USING LINEAR TECHNIQUES AND COMPLEX NETWORKS.	NONLINEAR DYNAMICS	1573-269X



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PATENTES

DEPENDENCIA POLITÉCNICA	NOMBRE DEL PROFESOR	TÍTULO DE LA PATENTE O MODELO DE UTILIDAD	NÚMERO DE EXPEDIENTE ANTE EL IMPI
CIIDIR-DGO	MARCO ANTONIO GARZÓN ZUÑIGA Y JUAN MANUEL VIGUERAS CORTÉS	BIOFILTRO EMPACADO CON PROSOPIS PARA EL TRATAMIENTO DE AGUAS RESIDUALES	MX/a/2015/016505
CBG	GASPAR MANUEL PARRA BRACAMONTE	MÉTODO DE REGISTRO REMOTO DE DATOS PRODUCTIVOS Y REPRODUCTIVOS PARA LA GENERACIÓN DE REPORTES EN DISPOSITIVOS MÓVILES	MX/a/2019/00001