

Work list

CO DE	WORK TITLE	MODE
001	IMPROVED PREPARATION OF THE MEMBRANE-ELECTRODE ASSEMBLY FOR PEM ELECTROLYSIS THROUGH AN AUTOMATIC CATALYTIC INK APPLICATION SYSTEM.	POSTER
002	OFFSHORE WIND POWER FOR HYDROGEN PRODUCTION, GENERAL STATUS.	POSTER
003	EFFECT OF EPITAXIAL GROWTH OF BIMETALLIC NANOCRYSTALS ON THE ELECTROCATALYTIC ACTIVITY OF ORR.	POSTER
004	Au@Pd/C CORE SHELL STRUCTURES FOR ENHANCE THE OXYGEN REDUCTION REACTION AT PEM-FC	ORAL SESSION
005	Ni ELECTRODEPOSITES ON 304 STEEL ELECTRODES IN A HYDROGEN GENERATOR REACTOR	POSTER
006	SEAWEED-DERIVED KOH ACTIVATED BIOCARBON FOR ELECTROCATALYTIC OXYGEN REDUCTION AND SUPERCAPACITOR APPLICATIONS	ORAL SESSION
007	ELECTROLYTE FLOW INFLUENCE ANALYSIS IN THE BEHAVIOR OF 15 kW ALKALINE WATER ELECTROLYSIS STACK	POSTER
008	ELECTROSPUN N-DOPED CARBON NANOFIBERS AS METAL-FREE ELECTROCATALYSTS FOR THE OXYGEN REDUCTION REACTION IN ALKALINE MEDIUM	POSTER
009	ELECTROSPUN Ce:CoFe ₂ O ₄ NANOFIBERS AS BIFUNCTIONAL NANOCATALYSTS FOR OXYGEN EVOLUTION AND OXYGEN REDUCTION REACTIONS	POSTER
010	USE MICROBIAL FUEL CELLS FOR DEGRADATION OF USED LUBRICATING OILS (ULO) AND PRODUCTION OF ENERGYS	POSTER
011	ANALYSIS OF ORDERED AND DISORDERED CONDUCTIVE PHASES IN A PEMFC SYNTHETIC CATALYST LAYER	POSTER
012	NITROGEN AND SULPHUR CO-DOPED ORDERED MESOPOROUS CARBON HOLLOW SPHERES WITH HIGH CATALYTIC ACTIVITY AND EXCEPTIONAL ELECTROCHEMICAL STABILITY FOR THE OXYGEN REDUCTION REACTION	POSTER
013	NA	NA
014	HYDROGEN SYNTHESIS FROM SEAWATER BY MEANS OF SOLAR ENERGY	ORAL SESSION
015	NA	NA
016	Pt AND Pt-Sn NANOPARTICLES SUPPORTED ON ZEOLITE-CARBON FOR OXYGEN REDUCTION REACTION IN ACID MEDIUM	POSTER
017	DIAGNOSIS AND EVALUATION OF AN OPEN CATHODE FUEL CELL STACK	POSTER
018	SYNTHESIS AND CHARACTERIZATION OF PtPd BIMETALLIC NANOPARTICLES AS EFFICIENT ELECTROCATALYST FOR ALCOHOL OXIDATION	POSTER
019	INFLUENCE OF SULFONATION TIME ON THERMAL PROPERTIES AND ION EXCHANGE CAPACITY OF POLY (STYRENE-CO-BUTYL ACRYLATE) MEMBRANES	POSTER
020	COST EFFECTIVE SYNTHESIS OF NiCu ELECTROCATALYST AS ANODE FOR DIRECT ETHANOL FUEL CELL IN ALKALINE MEDIA	POSTER
021	SYNTHESIS OF Mo ₂ C-Ni ₂ Mo ₃ N NANOCOMPOSITES AS A CATALYST FOR BIO JET FUEL PRODUCTION	ORAL SESSION
022	SYNTHESIS AND CHARACTERIZATION OF MoP NANOPARTICLES	POSTER

023	MIXED IRON OXIDES AS MATERIALS FOR HYDROGEN PRODUCTION: THERMOCHEMICAL CYCLES STUDIES	ORAL SESSION
024	STUDY OF THE INTEGRATION OF A SYSTEM PEMFC (500W) - CHARGER - LI ION BATTERY MODULE FOR AN ELECTRIC VEHICLE	POSTER
025	RAMAN STUDY OF AMMONIA BORANE AT HIGH TEMPERATURE	POSTER
026	INFLUENCE OF RESORCINOL-FORMALDEHYDE MOLAR RATIO IN THE PROPERTIES OF MESOPOROUS CARBON SUPPORTS FOR PEMFC CATALYSTS	POSTER
027	SYNTHESIS OF RANDOM POLYSTYRENE-CO-ACRYLONITRILE-CO-BUTYL ACRYLATE TERPOLYMERS AS POTENTIAL SOLID ELECTROLYTES FOR FUEL CELLS	POSTER
028	SOLID OXIDE FUEL CELL: METALLIC INTERCONNECTORS ANALYSIS	POSTER
029	STUDY OF WATER MANAGEMENT IN SOLID STYRENE ELECTROLYTES	ORAL SESSION
030	KINETIC STUDY OF METHANE PARTIAL OXIDATION BY CHEMICAL LOOPING PROCESS USING NiWO ₄ AS AN OXYGEN CARRIER FOR SYNGAS PRODUCTION	ORAL SESSION
031	REVIEW OF ENVIRONMENTAL POLICY INSTRUMENTS FOR THE MANAGEMENT OF HYDROGEN FROM COMMUNITY FORESTRY IN MEXICO	POSTER
032	SYNTHESIS OF NON-STOICHIOMETRIC COPPER SULFIDES Cu ₂ -XS (1 ≤ X ≤ 2) UNDER AMBIENT CONDITIONS: MECHANOCHEMICAL REACTIONS IN THE CuS-Cu ₂ S SYSTEM	POSTER
033	DYE-SENSITIZED SOLAR CELLS - COMPARATIVE STUDY OF SENSITIZERS AND CO-SENSITIZER EFFECTS OF ELECTROLYTES DERIVED FROM TETRAZOLE	POSTER
034	SULFONATED GRAPHENE OXIDE/PEEK COMPOSITE MEMBRANES AS PEM FUEL CELLS	ORAL SESSION
035	HUMAN URINE AS A NUTRIENT, WATER AND FUEL SOURCE IN BIO-ELECTROCHEMICAL SYSTEMS: A REVIEW	ORAL SESSION
036	CFD PEMFC SIMULATION WITH DIFFERENT LEVELS OF ENRICHED AIR	ORAL SESSION
037	EFFECT OF POLYMER SULFONATION ON THE THERMAL AND ION EXCHANGE CAPACITY PROPERTIES OF SPEEK MEMBRANES FOR PEMFC	POSTER
038	HYDROGEN PRODUCTION BY METHANOL CONVERSION ON Pd AND Ni BASE CATALYSTS SUPPORTED ZnO-rod	ORAL SESSION
039	EFFECT OF H ₂ GENERATED BY ETHANOL STEAM REFORMING IN SCR OF NO _x FROM EMISSIONS OF DIESEL ENGINES WITH Pt-Ag/Al ₂ O ₃ -WO _x /CORDIERITA	ORAL SESSION
040	ENERGÍA LOS CABOS	POSTER
041	HYDROTHERMAL GREEN SYNTHESIS OF Pt-Ni NANOPARTICLES USING sargassum sp. EXTRACT	POSTER
042	MODELING AND SIMULATION OF THE ADSORPTION AND STORAGE OF HYDROGEN IN CALCITE STONE OIL FIELDS	POSTER
043	HYDROGEN PRODUCTION FROM OIL FIELDS THROUGH ZWITTERIONIC LIQUIDS: A COMPUTATIONAL SIMULATION	POSTER
044	HIGH ACTIVITY AND STABILITY OF THE NiCu@PT CATALYST SUPPORTED IN RGO	POSTER
045	HYDROGEN ADSORPTION ON SINGLE WALL CARBON NANOTUBES DOPED WITH NITROGEN USING DFT THEORY	ORAL SESSION
046	A METHOD FOR OXYHYDROGEN PURIFICATION AND CLEANING	ORAL SESSION
047	HYDROGEN PRODUCTION BY MICROBIAL CO-CULTURES FROM AGAVE BIOMASS PRETREATED USING MICROWAVE AND ULTRASOUND	POSTER
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050	EFFECT OF CAPPING AGENTS' RATIO IN THE SYNTHESIS OF Pt ₃ Fe POLYHEDRAL NANOPARTICLES AND THEIR CATALYTIC ACTIVITY FOR RRO	ORAL SESSION

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055	OPTIMIZATION OF BioH ₂ PRODUCTION BY CONSOLIDATED BIOPROCESSING OF CORNCOB PRETREATED WITH DILUTED ACID	ORAL SESSION
056	AUTOHYDROLYSIS AND ALKALINE PRETREATMENTS EVALUATION TO INCREASE BIODIGESTIBILITY OF CORNCOBS UNDER A CONSOLIDATED BIOPROCESSING FOR BioH ₂ PRODUCTION	POSTER
057	EFFECT OF CATALYSTS SUPPORTED ON A ZEOLITE IN THE PRODUCTION OF H ₂ FROM THE GASIFICATION OF PALM KERNEL SHELL	ORAL SESSION
058	HYDROGEN-DECHLORINATION OF PERSISTENT ORGANIC COMPOUNDS, INSIGHTS FROM FIRST PRINCIPLES MODELLING	POSTER
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061	ROLE OF THE LTL-ZEOLITE IN THE Pt/C-(ZEOLITE) ELECTROCATALYST FOR ETANOL ELECTROOXIDATION IN ACID MEDIA	POSTER
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064	SYNTHESIS OF LOW Pt LOADING ELECTROCATALYSTS USING DOPED CARBON NANOTUBES AS SUPPORT	POSTER
065	CORROSION PROCESS ANALYSIS ON ANODE OF NICKEL-PLATED STAINLESS STEEL	POSTER
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