

Author	Code	Title
Lin Zijing	EFC17159	3D multiphysics modeling based mechanical stress analysis of planar SOFC stacks
Okpu Onne Ambrose	EFC17006	A 90L Plug-Flow Multi-Electrode Bioelectrochemical Reactor for Treatment of Effluent from Brewery Based on Continuous Process.
Jang Hansaem	EFC17182	A comparative study of various iridium electrocatalyst deposition methods for oxygen evolution reaction
Sacco Adriano	EFC17195	A comparison of methods for the formation of cathodic biofilms in single-chamber Microbial Fuel Cells
Hack Jennifer	EFC17139	A multi-scale approach to polymer electrolyte fuel cell characterisation
Shin Sung Soo	EFC17236	A novel fabrication method of multiscale solid oxide fuel cell (SOFC) via electrospray deposition (ESD) method
Barbera Orazio	EFC17193	A reliable methodology for low temperature fuel cell stacks design
Guarnieri Massimo	EFC17142	A Stochastic Approach for facing PEMFC material identification
Mehmeti Andi	EFC17126	A techno-economic and environmental analysis of an innovative iron-lanthanum chemical conversion coating process for IT-SOFC steel interconnects
Vladikova Daria	EFC17008	Advanced Testing and Analysis of SOFC Degradation
Gaele Maria Felicia	EFC17206	Al-air semi-fuel cells with solid electrolytes based on carbohydrate polymers
Divinagracia Maricor	EFC17141	Alkaline Oxygen Evolution Reaction Performance of IrO <sub>2</sub> Catalyst using KOH and NaNO <sub>3</sub> as Electrolytes
Yoon Jayoung	EFC17274	ALUMINUM DOPING EFFECT ON HYDROLYSIS REACTION OF POROUS AMORPHOUS SILICA FOR HYDROGEN SEPARATION MEMBRANES
Tsiakaras Panagiotis	EFC17171	An electrochemical method for the determination of both concentration and diffusion coefficient of ammonia in nitrogen
Giacoppo Giosue	EFC17210	AN INSIGHT INTO THE CURRENT DENSITY DISTRIBUTION OF A PEM FUEL CELL WORKING AT DIFFERENT OPERATIVE CONDITIONS
Ubertini Stefano	EFC17028	Analysis of the performances of a fuel cell CHP system under different energy demand and climate scenarios
Zhang Shidong	EFC17235	Analytical and experimental validation of a polymer electrolyte fuel cell computational model
Poehere Chong	EFC17031	Anodes for Microbial fuel cell : what does occur inside pores ?
Kim Dong Kyu	EFC17100	Application of platinum coated aluminum separator to passive type proton exchange membrane fuel cell
Audasso Emilio	EFC17150	Application of the DRT (Distribution of Relaxation Time) to the Electrochemical Impedance Spectra of Molten Carbonate Fuel Cells
Baldinelli Arianna	EFC17054	Artificial intelligence techniques for performance simulation: Solid Oxide Fuel Cells V-j curve prediction via Artificial Neural Networks

Calabriso Andrea	EFC17245	Assessment of a methodology for the control of methanol concentration in a Direct Methanol Fuel Cell
Flagiello Fabio	EFC17277	ASSESSMENT OF SOLID PHASE-MFCS BEHAVIOUR AND PERFORMANCE BY USING DIFFERENT INOCULA
Ubertini Stefano	EFC17283	AUTORE (AUTOMOTIVE DERIVATIVE ENERGY SYSTEM): 2 YEARS IN
Thomann Olivier	EFC17178	BALANCE project - rSOC technology to interconnect power grids and fuel infrastructure
Park Taehyun	EFC17208	Bending-Durable Membrane-Electrode Assembly Using Pt-Sputtered Titanium Mesh for Bendable PEMFCs
Nastro Rosa Anna	EFC17147	Biochair-cathode-based Microbial Fuel Cells and carbon metal mesh performances in Solid-Phase-MFCs fed with the Organic Fraction of Municipal Solid Waste (OFMSW).
Beretta Gabriele	EFC17280	BioElectrochemical Systems for removing hexavalent chromium from waters
Nakashima Kohei	EFC17205	Carbon Dioxide and Product Water Exhausts in a Small Direct Methanol Fuel Cell with Different Sizes of Serpentine Channels
Meyer Nico	EFC17285	CHALLENGES AND SOLUTIONS IN THE R2R MANUFACTURING OF THE FUEL CELL MEMBRANE ELECTRODE ASSEMBLY
Ota Kenichiro	EFC17015	Challenges of NPGM Oxide Cathode with Metal Oxide Support for Advanced PEFCs
Cinti Giovanni	EFC17202	Comparison of the solid oxide fuel cell system for micro CHP using natural gas with a system using a mixture of natural gas and hydrogen
Cipiti' Francesco	EFC17185	COMPUTATIONAL FLUID-DYNAMICS MODELLING OF BIOMASS GASIFICATION IN A FLUIDIZED BED REACTOR
Aydin _zg_r	EFC17244	Concentration Gradient of Reactants Extending from Reaction Sites Inward the Inlet Periphery
Kuntke Philipp	EFC17200	Current driven ammonium recovery
Guandalini Giulio	EFC17069	DEMCOPEM-2MW cogenerative PEM fuel cell unit for hydrogen recovery from chlor-alkali industry in China: first months of operation and preliminary data analysis
Higgins Scott	EFC17059	Demonstration of Fuel Cell Electric Bus Operation in Hawaii Volcanoes National Park
Gandiglio Marta	EFC17148	DEMOSOFC Project: Results From an Industrial-Size Biogas-Fed SOFC
Linhart Andreas	EFC17219	Design 2 Service project _ Towards improved serviceability and durability of micro CHP and supplemental power systems
D'urso Claudia	EFC17258	Design and testing of a monopolar configuration direct methanol fuel cell stack for portable applications
Conti Bruno	EFC17018	Detailed physical modelling of Solid Oxide Fuel Cells
Navarrete Laura	EFC17260	Development of advanced cathodes for IT-SOFC
Park Taehyun	EFC17207	Development of Bendable PEMFC: From MEA to Stack
Bonde Jacob Lindner	EFC17165	Development Of Fuel Cell Powered Hearing Aids
Yamaguchi Toshiaki	EFC17242	Development of high performance proton-conducting electrochemical cell for intermediate temperature application

Lee Seungbok	EFC17128	Development of highly durable Ni-YSZ based SOFC Anode by using infiltration technique
Haneda Takahide	EFC17189	Development of PEFC power generation system for by-product hydrogen produced from a caustic soda plant
Holtappels Peter	EFC17106	Development of Redox Stable, Multifunctional Substrates for Anode Supported SOFCs
Graziadio Marco	EFC17131	Dimensioning of a Re-SOC energy storage system coupled to a renewable power plant based on laboratory characterization
Papurello Davide	EFC17121	Distributed relaxation times technique for the of fuel cell determination losses
Bisello Andrea	EFC17094	Durability Issues in Precious-Group-Metal Free PEMFC Cathodes
Lamberti Thomas	EFC17088	Dynamic model and experimental tests of a system coupling Proton Exchange Membrane fuel cell and Metal Hydrides hydrogen storage
Kang Sanggyu	EFC17107	Dynamic modeling of a reversible solid oxide cell
Kang Sanggyu	EFC17109	Dynamic modeling of a solid oxide electrolyser cell System for distributed energy storage
Forcina Antonio	EFC17129	Economic analysis of a sustainable energy chain based on renewable hydrogen and fuel-cell-powered bicycles
Di Marcoberardino Gioele	EFC17064	Economic and energy savings analysis of PEM fuel cell based micro-cogeneration systems in residential applications
Cuneo Alessandra	EFC17065	Economical Optimization of an Hybrid System GT Size with SOFC Stack Degradation
Pilinski Nadine	EFC17005	Effect of Acid Loss on HT-PEM Fuel Cell Degradation
Kim Jae-hwan	EFC17173	Effect of Co dopant on hydrogen properties of beryllium intermetallic compound
Mora Joy Marie	EFC17140	EFFECT OF DIFFERENT FLOW FIELD PATTERN ON PEMFC PERFORMANCE
Thomann Olivier	EFC17120	Effect of load cycle profiles on degradation rate of a Solid Oxide Electrolyser stack
Li Shian	EFC17010	Effect of the gas diffusion layer deformation on the transport processes and performance of a PEM fuel cell with interdigitated flow channels
Lin Zijng	EFC17158	Effects of material structure evolutions on the performance degradation of SOFC
Wang Jiatang	EFC17035	ELECTRIC TRANSPORT PROCESS FOR THE BULK OF A PEM FUEL CELL
Hollinger Adam	EFC17214	Electrically Conductive Polymer Composites for Injection Molding of Bipolar Plates
Piccardo Paolo	EFC17175	Electrochemical performances and post-operational characterization of a segmented SOFC operated under load for 15k hours
Ortenero Joseph	EFC17163	Electrodeposited NiFeTe <sub>2</sub> film on nickel foam as efficient electrocatalyst for oxygen evolution reaction
Polverino Pierpaolo	EFC17218	Energetic analysis of HHO injection in internal combustion engine systems

Tsiakaras Panagiotis	EFC17270	ENHANCEMENT OF OXYGEN REDUCTION REACTION: THE CHARACTERISTIC ROLE OF FE-N COORDINATIONS
Fan Zhou	EFC17241	Evaluation of CO poisoning of a HT-PEM fuel cell by distribution relaxation times analysis
Dushina Anastasia	EFC17230	Evaluation of the Electrochemical Noise and Distribution of Relaxation Time for High-Temperature PEM Fuel Cells Diagnosis
Villarini Mauro	EFC17072	Experimental investigation of an electric minibus with a fuel cell range extender
Kupecki Jakub	EFC17078	Experimental study of fuel recirculation in solid oxide fuel cell integrated with water removal unit
Motylinski Konrad	EFC17037	Experimental study of the carbon deposition on the anode of AS-SOFC under varied fuel velocity
Maximilian Wagner	EFC17057	Exploring Pt catalyst thin-films on stabilized nano-porous electrolyte
Mulone Vincenzo	EFC17221	FCPowered RBS: a Demonstration Project to Supply Telecom Stations through FC Technology. Data Analysis of Remote Sites and System Optimization
Paritosh Kumar Mohanta	EFC17032	FEASIBILITY OF DOPED METAL OXIDES AND GRAPHITIZED CARBON AS A STABLE CATHODE CATALYST SUPPORT FOR LOW TEMPERATURE POLYMER ELECTROLYTE MEMBRANE FUEL CELL
Cristiani Perangela	EFC17256	Field testing of floating microbial fuel cells for energy harvesting in aerated water and wastewaters
Walter Xavier Alexis	EFC17232	Field trial of self-stratifying membraneless microbial fuel cells: increased lighting through scale-down
Tucci Matteo	EFC17041	Floating MFC for BOD monitoring in real time: field test in a wastewater treatment plant
Spedicato Luigi	EFC17009	Fuel cell based-on powertrain to hybridize small unmanned aerial vehicles.
Vanhoof Liesbet	EFC17143	Fuel Cell Electric buses in Europe: From demonstration to large scale deployment: Results of the HighVLOcity _ 3Emotion projects
Antoni Laurent	EFC17186	Fuel Cells & Hydrogen Research in Europe
Linkov Vladimir	EFC17240	FUEL CELLS AND RELEVANT ENERGY SYSTEMS UNDER DEVELOPMENT AT HYSA SYSTEMS CENTER OF COMPETENCE, UWC, SOUTH AFRICA
Argumosa Maria Pilar	EFC17038	FUEL CELLS IN THE AERONAUTICAL SECTOR
Lamberti Thomas	EFC17077	Functional Test and plant optimization on Modular Electric Generator based on commercial PEM
Marzorati Stefania	EFC17110	Giant Cane as Low-cost Material for Microbial Fuel Cells Architectures
Iulianelli Adolfo	EFC17115	H2 purification via polymeric membranes separation
Tsiakaras Panagiotis	EFC17271	H2-PEMFC PERFORMANCE ON CARBON SUPPORTED ULTRA-LOW Pt (PdxPty) ELECTROCATALYSTS
Sisani Elena	EFC17053	H2S adsorption from biogas mixtures using a KOH-KI activated carbon: evaluation of desulfurization mechanism through spent samples post-analysis

Ritzberger Daniel	EFC17042	Harmonic signal estimation in the time domain for on-line electrochemical impedance spectroscopy
Chung Moon-sun	EFC17197	HEAT TRANSFER ENHANCEMENT FOR SOLID STATE HYDROGEN STORAGE TECHNOLOGY
Rolf Hempelmann	EFC17013	Hierarchical structured foams of porous nitrogen-doped carbon for PEM fuel cells
Hodnik Nejc	EFC17132	High performance of scaled-up PtCu <sub>3</sub> /C oxygen reduction electrocatalyst: an XPS and MEA study
Arico' Antonino Salvatore	EFC17045	High Performance PEM Electrolyser for Cost-effective Grid Balancing Applications - HPEM2GAS
Ponticorvo Eleonora	EFC17222	Highly Active and Stable RuS <sub>2</sub> /MoS <sub>2</sub> Hybrid Nanocatalyst for HER
Tsiakaras Panagiotis	EFC17123	Highly Active Nitrogen-Doped Mesoporous Carbon Film Catalyst for Oxygen Reduction Reaction BY Zhi-peng Yu, Zhen-xing Liang, Panagiotis Tsiakaras
Espinoza Tofalos Anna	EFC17276	HYDROCARBON REMOVAL EFFICIENCY IN BIOELECTROCHEMICAL SYSTEMS INOCULATED WITH CUPRIAVIDUS METALLIDURANS CH34
Lubrano Lavadera Antonio	EFC17133	Hydrogen based hybrid power unit for light vehicles: optimization of fuel cell management by mean of an evolved battery state of charge evaluation.
Jung Aeri	EFC17017	HYDROGEN CROSSOVER PHENOMENA IN POLYMER ELECTROLYTE MEMBRANE WATER ELECTROLYZERS
Kono Tatsuoki	EFC17237	Hydrogen Energy Supply System by using Renewable Energy Sources
Loipersb_ck J_rgen	EFC17117	Hydrogen production by steam gasification of biomass: Improving the gas cleaning unit by replacement of biodiesel scrubbing with a temperature swing adsorption
Domingues Rosana	EFC17247	HYDROGEN PRODUCTION FROM GLYCEROL STEAM REFORMING: THERMODYNAMIC OPTIMIZATION AND EXPERIMENTAL INVESTIGATION OVER HYDROXYAPATITE CATALYSTS
Hwang Sang Soon	EFC17134	Hydrogen Rich Gas Production from Wet Ethanol Reformer in Inert Porous Media
lordache Ioan	EFC17034	HyLAW _ a project designed to reduce vulnerabilities of the hydrogen economy in Europe
Aly Ahmed	EFC17212	HyLIFT-EUROPE project for materials handling
Erable Benjamin	EFC17170	Impact and solutions to solve the limitation of oxygen transport in biocathodes
Marra Dario	EFC17203	Implementation and on-line validation of a model-based diagnostic algorithm for a Solid Oxide Fuel Cell system with anode off-gas recycling.
Dohkoh Tatsuki	EFC17020	Improvement of high electrical efficient SOFC generator with a multi-stage SOFC system
_zoğul Buğ_e	EFC17081	Improving the High Temperature Performances of Nafion-Based Membranes with Silica-Based Mesostructured Fillers for H <sub>2</sub> /O <sub>2</sub> PEM Fuel Cells
Bharti Abha	EFC17137	In-situ diagnosis of proton exchange membrane fuel cell performance with Pt/TiO <sub>2</sub> cathode catalyst

Cavalli Alessandro	EFC17266	Influence of tar and HCl on SOFC anodes in Integrated Biomass Gasifier-Solid Oxide Fuel Cell Systems
Squadrito Gaetano	EFC17251	Influence of the geometry and nature of substrate in biofilm forming by <i>Thermotoga neapolitana</i> cultures
Di Lorenzo Mirella	EFC17011	Innovative miniature microbial fuel cell designs for self-powered water quality monitoring systems
Tucker David	EFC17093	Insights into Pressurized vs Atmospheric Solid Oxide Fuel Cell Operation
De Silvestri Andrea	EFC17183	INTEGRATION OF A CALCIUM LOOPING (CAL) PROCESS WITH A MCFC: ENERGY AND ECONOMIC ASSESSMENT
Vita Antonio	EFC17052	INTENSIFYING n-DODECANE STEAM REFORMING UNIT WITH MONOLITH CATALYST
Coppola Nunzia	EFC17249	INTERFACE DIFFUSION IN GdCeO <sub>2</sub> THIN BUFFER LAYERS SPUTTER DEPOSITED ON CRYSTALLINE SUBSTRATES FOR SOLID OXIDE CELLS APPLICATIONS
Michel Vilasi	EFC17229	INVESTIGATION OF THE SURFACE REACTIVITY OF INCONEL 625 PREPARED BY ADDITIVE MANUFACTURING
Kamaraj Sathish-kumar	EFC17201	Iron based catholyte evaluation in Microbial fuel cells
Donazzi Alessandro	EFC17004	Kinetic investigation of the Oxygen Reduction Reaction on LSCF-GDC composite cathodes for use in IT-SOFCs
Ivanova Mariya E.	EFC17220	Lanthanum tungstates La <sub>28-x</sub> W <sub>4+x</sub> O <sub>54+dv2-d</sub> in H <sub>2</sub> extraction membrane applications
Kamaraj Sathish-kumar	EFC17023	LASSER ABLATED SPENT BATTERY GRAPHITE ROD AS ELECTRODE FOR MICROBIAL FUEL CELL APPLICATION
Petrillo Antonella	EFC17124	Life Cycle Assessment (LCA) of a residential SOFC system for energy production
Rabissi Claudio	EFC17062	Local optimization of PEMFC and DMFC catalyst layers components for improved durability
Janick Bigarr_	EFC17176	Low cost sulfonated membranes for PEM Fuel and Electrolyser Cells based on hybrid nanocomposite material.
Audasso Emilio	EFC17153	Low sintering temperature of Bi-doped 8YSZ for IT-SOFC applications
Pivac Ivan	EFC17135	Low-frequency EIS intercept as a diagnostic tool for PEM fuel cells degradation
Carollo Giovanni	EFC17204	M/CGO cermet based electrodes for IT-SOFC feed with biogas
Scott Janet	EFC17022	Manufacturing microbial fuel cell sensors from low-cost and biodegradable materials
Santamaria Anthony	EFC17047	Metal Foam Filled Cooling Channels in Polymer-Electrolyte Fuel Cell Systems
Ion-Ebrasu Daniela	EFC17180	Metal Oxide Catalysts for OER in alkaline Media
Merino Jimenez Irene	EFC17119	Microbial Desalination Cell Cascade
Gorton Lo	EFC17268	Microbial Fuel Cells Based on Mediated Electron Transfer through the Use of Redox Polymers
Obata Oluwatosin	EFC17007	Microbial fuel cells treating urine as a source of disinfectant: a pathogens_ killing efficacy study.
Izadi Paniz	EFC17198	Microbioelectrochemical synthesis of carbohydrates from carbon dioxide reduction
Chiodoni Angelica	EFC17215	MnxOy decorated carbon-based cathode for ORR catalysis

Polverino Pierpaolo	EFC17216	Model-based analysis of crossover in SOFC for on-field diagnosis
Messaggi Mirko	EFC17040	Modeling analysis of flow field geometrical features in polymer electrolyte fuel cells porous media
Baricci Andrea	EFC17058	Modelling analysis of degradation in low Platinum Polymer Electrolyte Membrane Fuel Cells
Grimler Henrik	EFC17073	Modelling Limiting Processes of an Anion-exchange Membrane Fuel Cell
Stam Jelle	EFC17199	Modelling of Radiative Heat Transfer in Solid Oxide Fuel Cells
Turchetti Luca	EFC17279	Molten carbonate steam electrolysis powered with concentrating solar energy: a first evaluation of the potential of a new process for renewable hydrogen production
Andersson Martin	EFC17267	Multiscale multiphase simulations at the gas channel/gas diffusion layer interface inside polymer electrolyte fuel cells
Shadle Lawrence	EFC17097	NANO-HYBRIDS; THE EFFECT OF TURBINE EFFICIENCY ON FUEL CELL-TURBINE HYBRID PERFORMANCE
Lidasan Jun Jeffri	EFC17156	Nanostructured nickel hydroxide as anode catalyst for direct ethanol fuel cells
Jedicke Olaf	EFC17191	NET-Tools, an e-Infrastructure to compile and provide e-Learning Content to the FCH Community
Sieglwart Muriel	EFC17061	Neutron dark field imaging of dry and water filled gas diffusion layers
Quaglio Marzia	EFC17080	New insights into microbial fuel cell based sensors: the role of fluid dynamic and material morphology
Colombo Alessandra	EFC17111	New terracotta-based microbial fuel cells treat wastewater while providing nutrients for microalgae cultivation
Salvador Gian Paolo	EFC17177	Nitrogen-doped carbon aerogels as electrodes for oxygen reduction in microbial fuel cells: a green approach
Ma Jie	EFC17269	Novel bioinspired proton exchange polysulfone membrane containing gramicidin.
Kumar Ajay	EFC17209	Novel fabrication and high temperature oxidation of an ODS ferritic stainless steel alloy interconnect for SOFC
Karaeyvaz Mukaddes Candan	EFC17082	Novel High Performance sPES/SCMS and sPEEK/SCMS Composite Membranes for High Temperature H <sub>2</sub> /O <sub>2</sub> PEM Fuel Cells
Mecheri Barbara	EFC17188	Novel iron based catalyst using aminobenzimidazole and benzimidazole as organic precursor for microbial fuel cell applications
Krummrein Thomas	EFC17157	Numerical analysis of a biogas powered hybrid MGT-SOFC power plant
Facci Andrea Luigi	EFC17029	Numerical analysis of a CHCP system combining an absorption chiller and a low temperature PEM fuel cell.
Tanaka Yohei	EFC17048	Numerical analysis of HT steam electrolysis with an SOEC to separate gas conversion impedance from overall impedance for proper estimation of genuine cell performance
Rashid Kashif	EFC17187	Numerical Investigation for 1 kw-Class FT-SOFC System to Evaluate the Compact Size Integrated Hotbox Design
Ubertini Stefano	EFC17027	Numerical modeling of an automotive derivative PEM fuel cell CHP system with selective membranes

Sainas Domenico	EFC17286	NUMERICAL MODELING OF SOLID OXIDE FUEL CELLS: AN OVERVIEW
Hansen John B_gild	EFC17021	Operating experiences with a 50 kW SOEC unit integrated with a catalytic methanation unit for biogas upgrading.
Langnickel Hendrik	EFC17257	Operation of real landfill gas fueled solid oxide fuel cell (SOFC) using internal dry reforming
Montaner Rios Gema	EFC17108	Operation strategies for cold start of PEMFC systems
Jang Hansaem	EFC17181	Operational strategy to achieve predictable and sustaining power performance in direct carbon fuel cells
Gr_ger Fabian	EFC17019	Optimized Electrolyzer Operation: Employing Forecasts of Wind Energy Availability, Hydrogen Demand and Electricity Prices
Emma Roubaud	EFC17046	Optimizing hydrogen production in a microbial electrolyzer using a weak-acid solution as catholyte
Oryshchyn Danylo	EFC17095	Optimum SOFC Fuel Utilization for Fuel-cell/Turbine Hybrid
Unsal Secil	EFC17154	ORR Activity of N-doped Carbon Aerogel Supported Cobalt Catalyst Prepared by Supercritical Deposition
Ruocco Concetta	EFC17039	Oxidative Steam Reforming of ethanol in a fluidized bed over CeO <sub>2</sub> -SiO <sub>2</sub> supported catalysts
Ponticorvo Eleonora	EFC17224	PdPt_Graphene nanocomposite for proton exchange membrane fuel cell
Minutillo Mariagiovanna	EFC17075	PEM Fuel Cells and Vanadium Flow Batteries: two technologies for storing electricity through a flow process
Taccani Rodolfo	EFC17103	Performance analysis of fuel cells utilization in marine applications
Silva Mosqueda Dulce Maria	EFC17261	PERFORMANCE AND DEGRADATION PHENOMENA OF A PLANAR IT-SOFC UNDER CRITICAL OPERATING CONDITIONS
Cigolotti Viviana	EFC17239	PERFORMANCE ASSESSMENT OF AN AMMONIA-FUELED SOFC SYSTEM FOR COGENERATION OF ELECTRICITY, HEAT AND HYDROGEN
Kim Beom-jun	EFC17174	Performance Characteristics of Open Cathode PEFC stack
Acevedo Gomez Yasna	EFC17091	Performance recovery from NO <sub>2</sub> exposure in PEM fuel cells
Bettermann Hans	EFC17074	Photoacoustic Spectroscopy - A Tool for Gas Measurements in PEM Fuel Cells
Massaglia Giulia	EFC17066	Polyacrylonitrile derived carbon based nanofiber mats as cathodes in Air-Cathode Microbial Fuel Cells
Jafarzadeh Sepideh	EFC17213	Potential for fuel cell-driven passenger ships in Norway
Perna Alessandra	EFC17130	POWER TO BUTANOL PRODUCTION VIA HIGH TEMPERATURE CO-ELECTROLYSIS FOR SUSTAINABLE MOBILITY
Mansilla Christine	EFC17145	Power-to-Hydrogen and Hydrogen-to-X: latest results of Task 38 of the IEA Hydrogen Implementing Agreement
Falcucci Giacomo	EFC17113	Predicting the Electrochemical and Power Performances of Microbial Fuel Cells: a Novel Numerical Approach
Spinelli Maurizio	EFC17105	Preliminary design of a MW-class demo system for CO <sub>2</sub> capture with MCFC in a university campus cogeneration plant
Jensen S_ren H_jgaard	EFC17255	Pressurized Reversible Operation of a 30-cell Solid Oxide Cell Stack using Carbonaceous Gasses



Taccani Rodolfo	EFC17086	PROCESS SIMULATION MODEL OF HT-PEM FUEL CELL BASED MICRO-CHP SYSTEMS INCLUDING PERFORMANCE DEGRADATION ISSUES
Ucar Nihat Ozer	EFC17169	Pt/C Catalyst for Direct Methanol Fuel Cell Operating with SBA-3 into Nafion Electrolyte
Cirillo Claudia	EFC17223	PtRu/MoS2 nanocomposite as promising electrocatalyst in the methanol oxidation reaction
Mcphail Stephen	EFC17250	Quality assurance in SOFC manufacturing _ the qSOFC project
Barelli Linda	EFC17101	REDOX FLOW BATTERY INSTEAD OF rSOC FOR RESILIENT ENERGY SYSTEMS IN OFF-GRID REMOTE AREAS OR IN NON-OR LOW INTERCONNECTED ISLANDS: WHY NOT?
Hernandez Londono Carlos Ignacio	EFC17265	Reliability of NiO-GDC/GDC/LSCF-GDC manufactured by tape casting and reactive magnetron sputtering processes for their application in solid oxide fuel cells.
Perez Trujillo Juan Pedro	EFC17262	REVERSE OPERATION OF A SINGLE MOLTEN CARBONATE FUEL CELL: NUMERICAL AND EXPERIMENTAL COMPARISON
Cho Jinwon	EFC17238	Role of Strain and Ligand Effect in H2 Production from HCOOH Decomposition on Bimetallic Pd/M (M Late Transition FCC Metals) Alloys
Toro Claudia	EFC17263	SABATIER BASED POWER-TO-GAS SYSTEM: DESIGN AND THERMOECONOMIC ANALYSIS
Botta Giulia	EFC17281	SAFE OPERATING RANGE, DYNAMIC ANALYSIS, AND TUNING OF THE TEMPERATURE AND REACTANT UTILIZATION CONTROL FOR SOLID OXIDE CELLS
Bernuy-Lopez Carlos	EFC17284	SANDVIK SURFACE TECHNOLOGY. COMMERCIALIZING FUEL CELL TECHNOLOGY: SOFC INTERCONNECTS
Leites Keno	EFC17056	SchIBZ _ large fuel cell hybrid systems
Ihringer Raphael	EFC17090	Short stack kit for the Open Flange_ Set-Up using soft mica seals
Eriksson Bj_rn	EFC17098	Shut-down cycles as accelerated degradation tests of metallic bipolar plates in proton exchange membrane fuel cells
Hosseinpour Milad	EFC17172	Significantly improving the performance of the DMFCs by Graphene Oxide coated multi-layer Nafion membranes
Cinti Giovanni	EFC17217	Simulation of FC system integrated into CHP application, including electrolyzer operation
Guandalini Giulio	EFC17070	Solar-assisted reversible solid oxide cell (rSOC) integrated with heat-pipes for electric energy storage and H2 production: technical assessment
Italiano Cristina	EFC17084	Stability, regenerability and sulfur poisoning of low loading Rh-based catalyst for steam reforming of n-dodecane
Felix P. Lohmann	EFC17055	Stable High-Performance Solid Acid Fuel Cell Electrodes with minimized Catalyst Loading
Guarnieri Massimo	EFC17144	Stack-based technologies for energy storage: a comparative assessment
Joris Proost	EFC17118	State-of-the-art CAPEX data for water electrolyzers, and their impact on renewable hydrogen price settings
Ploner Alexandra	EFC17152	STEAM - STRESSOR FOR ACCELERATED LIFETIME TESTING OF SOFCs
Martino Marco	EFC17030	Structured catalysts for the CO water gas shift reaction

Kamaraj Sathish-kumar	EFC17024	SURFACE MODIFIED CLAY BASED AIR CATHODE MICROBIAL FUEL CELLS FOR WASTEWATER TREATMENT
Urbani Francesco	EFC17190	Syn-gas production by BFB gasification: Experimental investigation of different feedstocks
Milewski Jarek	EFC17001	Temperature influence on two layers yttria stabilized zirconia matrix impregnated by lithium/potassium electrolyte for Molten Carbonate Fuel Cells
Goglio Andrea	EFC17112	The challenge of nutrients recovery by terracotta Microbial Fuel Cells
Kupecki Jakub	EFC17079	The numerical model for predictive simulation of the AS-SOFC stack operated in DIR-SOFC mode with presence of hydrogen sulphide in the feeding gas
Molala Benny	EFC17168	The performance of varying/different polytetrafluoroethylene (PTFE) coated carbon fabric cloth on electricity production in Microbial fuel cell (MFC) using synthetic (chemical) waste water.
Colbertaldo Paolo	EFC17087	The role of hydrogen mobility in fulfilling EU 2050 targets on GHG emissions reduction
K_ Peter	EFC17043	Thin-film magnetron sputtered catalysts supported on high-surface sublayers for PEM water electrolysis
Garbujo Alberto	EFC17076	Titanium-Molybdenum based materials as anode for Solid Oxide Fuel Cell fed directly with bio gas
Theodosiou Pavlina	EFC17166	Towards monolithically printed MFCs: A report on the development of a 3D-printable membrane electrode assembly (MEA)
Papurello Davide	EFC17104	Trace compounds impact on SOFC performance: experimental and modelling approach
Pezzini Paolo	EFC17092	Turbine speed control in fuel cell/gas turbine hybrid system using multiple actuators
De Campo Marco	EFC17151	Turbocharged Solid Oxide Fuel Cell System: Design and Emulation
Rao Marco	EFC17162	Using a Social Accounting Matrix to estimate Macro Economic Effects of Road Transport Revolution in Italy
Busby Yan	EFC17033	Versatile Catalyst Materials Fabrication by Low-Pressure Plasma Treatments
Papurello Davide	EFC17122	Waste to energy with an SOFC generator system - pilot plant experimentation
Jeon Dong Hyup	EFC17146	Water transport simulation in a GDL of PEMFC using LBM
	Results found: 225	