

## Subject Index of Volume 152

- AC-impedance  
Intermediate-temperature solid oxide fuel cell; LSCu; Perovskite oxide;  
Cathode material; Performance (Yu, H.-C. (152) 22)
- Activation  
Butler–Volmer; Polarization; Overpotential; Solid oxide fuel cell (Noren,  
D.A. (152) 175)
- Alkaline batteries  
Leaching; Zinc; Manganese; Environment (Veloso, L.R.S. (152) 295)
- ATR  
Microlith; WGS; PROX; Fuel processing; Short contact time  
(Roychoudhury, S. (152) 75)
- Autothermal reforming  
Water–gas-shift reaction; Hydrogen; Fuel cell (Pasel, J. (152) 189)
- Autothermal reforming  
Hydrogen; Fuel processing; Sulfur poisoning; Diesel reforming; Fuel cells  
(Cheekatamarla, P.K. (152) 256)
- Average discharge voltage  
Lithium–sulfur cells; Imidazolium salts; Electrolytes; Discharge capacity;  
Low-temperature performance (Kim, S. (152) 272)
- Battery performance  
Cellulose derivatives; Polyurethane; Gel polymer electrolyte; Nail penetra-  
tion; Over charge (Sato, T. (152) 264)
- Battery-fuel cell hybrid  
Power conversion system; dc–dc boost converter; Bidirectional dc–dc con-  
verter (Choi, D.-K. (152) 245)
- Bidirectional dc–dc converter  
Battery-fuel cell hybrid; Power conversion system; dc–dc boost converter  
(Choi, D.-K. (152) 245)
- Butler–Volmer  
Activation; Polarization; Overpotential; Solid oxide fuel cell (Noren, D.A.  
(152) 175)
- Capacitance  
Electrochemical double-layer capacitor; Poly vinyl alcohol; Polymer elec-  
trolyte (Yang, C.-C. (152) 303)
- Carbonate fuel cell  
Internal reforming fuel cell; Gas turbine; Hybrid power plant; Multi-MW  
plant design; MCFC (Ghezel-Ayagh, H. (152) 219)
- Cathode material  
Intermediate-temperature solid oxide fuel cell; LSCu; AC-impedance;  
Perovskite oxide; Performance (Yu, H.-C. (152) 22)
- Cell anomaly  
Polymer electrolyte fuel cell; Stack; Model; Voltage/current distribution  
(Kim, G.-S. (152) 210)
- Cellulose derivatives  
Polyurethane; Gel polymer electrolyte; Battery performance; Nail penetra-  
tion; Over charge (Sato, T. (152) 264)
- CFD  
Scale-up; Fuel cell; Flow-field design (Squadrito, G. (152) 67)
- Chemical deposition  
Recycling process; Spent lithium-ion batteries; Solvent extraction; Metal  
values (Nan, J. (152) 278)
- Clad metals  
Clad metals; Roll bonding; SOFC interconnect (Chen, L. (152) 40)
- Co/CeO<sub>2</sub> catalyst  
Fuel cell; Partial oxidation of ethanol; Hydrogen production; Pd/CeO<sub>2</sub> cat-  
alyst; Pt/CeO<sub>2</sub> catalyst (Mattos, L.V. (152) 50)
- Cobalt hydroxide  
Nano-scale; Nickel hydroxide; Granulation; High power; Ni-MH batteries  
(He, X. (152) 285)
- Composite particle  
Spray pyrolysis; Solid oxide fuel cell; Intermediate temperature (Kawano,  
M. (152) 196)
- Compressive seal  
Mica; Leak test; Thermal cycle; SOFC (Chou, Y.-S. (152) 168)
- Copper–beryllium alloys  
PEM fuel cell; Corrosion; Tafel extrapolation (Nikam, V.V. (152) 146)
- Corrosion  
PEM fuel cell; Tafel extrapolation; Copper–beryllium alloys (Nikam, V.V.  
(152) 146)
- Corrosion  
Solid oxide fuel cells; Interconnect; Sealant; Interaction (Menzler, N.H.  
(152) 156)
- Current density distribution  
Polymer electrolyte fuel cell; Membrane properties measurement;  
Numerical model of PEFC (Araki, T. (152) 60)
- dc–dc boost converter  
Battery-fuel cell hybrid; Power conversion system; Bidirectional dc–dc  
converter (Choi, D.-K. (152) 245)
- Dendrite  
Nickel/zinc battery; Polymer hydrogel electrolyte (Iwakura, C. (152) 291)
- Detection threshold  
Odorant; Hydrogen leakage; Electrode catalyst; Poisoning (Imamura, D.  
(152) 226)
- Diesel reforming  
Hydrogen; Autothermal reforming; Fuel processing; Sulfur poisoning; Fuel  
cells (Cheekatamarla, P.K. (152) 256)
- Dimensionless numbers  
Polymer electrolyte fuel cells; Gas diffusion electrodes (Gyenge, E.L. (152) 105)
- Dimethyl ether  
Steam reforming; Fuel cells; Methanol; Hydrolysis; Hydrogen  
(Semelsberger, T.A. (152) 87)
- Discharge capacity  
Lithium–sulfur cells; Imidazolium salts; Electrolytes; Average discharge  
voltage; Low-temperature performance (Kim, S. (152) 272)
- Electrical conductivity  
MCFC; High temperature corrosion (Durante, G. (152) 204)
- Electrochemical double-layer capacitor  
Poly vinyl alcohol; Polymer electrolyte; Capacitance (Yang, C.-C. (152)  
303)
- Electrode catalyst  
Odorant; Hydrogen leakage; Detection threshold; Poisoning (Imamura, D.  
(152) 226)

- Electrolytes  
Lithium–sulfur cells; Imidazolium salts; Discharge capacity; Average discharge voltage; Low-temperature performance (Kim, S. (152) 272)
- Electronic load  
Hydrogen generation; Sodium borohydride; Fuel cell (Xia, Z.T. (152) 46)
- Environment  
Alkaline batteries; Leaching; Zinc; Manganese (Veloso, L.R.S. (152) 295)
- Ethanol oxidation reaction  
Platinum; Ruthenium; Tungsten; Tin (Tanaka, S. (152) 34)
- Flow-field design  
CFD; Scale-up; Fuel cell (Squadrito, G. (152) 67)
- Fuel cell  
Autothermal reforming; Water–gas-shift reaction; Hydrogen (Pasel, J. (152) 189)
- Fuel cell  
CFD; Scale-up; Flow-field design (Squadrito, G. (152) 67)
- Fuel cell  
Partial oxidation of ethanol; Hydrogen production; Co/CeO<sub>2</sub> catalyst; Pd/CeO<sub>2</sub> catalyst; Pt/CeO<sub>2</sub> catalyst (Mattos, L.V. (152) 50)
- Fuel cell  
Passive DMFC; Heat and mass transfer; Thermal effect; Thermal management (Chen, R. (152) 122)
- Fuel cell  
Hydrogen generation; Sodium borohydride; Electronic load (Xia, Z.T. (152) 46)
- Fuel cell  
Membrane electrode assembly; Heteropolyacid; Nafion®; Stabilization; High temperature (Ramani, V. (152) 182)
- Fuel cells  
Dimethyl ether; Steam reforming; Methanol; Hydrolysis; Hydrogen (Semelsberger, T.A. (152) 87)
- Fuel cells  
Polymer electrolyte membranes; Sulfonation; Polysulfone; Layered membranes (Chen, S.-L. (152) 27)
- Fuel cells  
Proton conductors; Intermediate temperature; Perovskite (Ito, N. (152) 200)
- Fuel cells  
Hydrogen; Autothermal reforming; Fuel processing; Sulfur poisoning; Diesel reforming (Cheekatamarla, P.K. (152) 256)
- Fuel economy  
Hydrogen fuel cell; Hybrid vehicles (Ahluwalia, R.K. (152) 233)
- Fuel processing  
Hydrogen; Autothermal reforming; Sulfur poisoning; Diesel reforming; Fuel cells (Cheekatamarla, P.K. (152) 256)
- Fuel processing  
Microlith; ATR; WGS; PROX; Short contact time (Roychoudhury, S. (152) 75)
- Gas diffusion electrodes  
Polymer electrolyte fuel cells; Dimensionless numbers (Gyenge, E.L. (152) 105)
- Gas turbine  
Carbonate fuel cell; Internal reforming fuel cell; Hybrid power plant; Multi-MW plant design; MCFC (Ghezel-Ayagh, H. (152) 219)
- Gel polymer electrolyte  
Cellulose derivatives; Polyurethane; Battery performance; Nail penetration; Over charge (Sato, T. (152) 264)
- Granulation  
Nano-scale; Nickel hydroxide; Cobalt hydroxide; High power; Ni-MH batteries (He, X. (152) 285)
- Heat and mass transfer  
Fuel cell; Passive DMFC; Thermal effect; Thermal management (Chen, R. (152) 122)
- Hermeticity  
Thermal cycling; Silver–copper oxide (Scott Weil, K. (152) 97)
- Heteropolyacid  
Membrane electrode assembly; Nafion®; Stabilization; High temperature; Fuel cell (Ramani, V. (152) 182)
- High power  
Nano-scale; Nickel hydroxide; Cobalt hydroxide; Granulation; Ni-MH batteries (He, X. (152) 285)
- High temperature  
Membrane electrode assembly; Heteropolyacid; Nafion®; Stabilization; Fuel cell (Ramani, V. (152) 182)
- High temperature corrosion  
MCFC; Electrical conductivity (Durante, G. (152) 204)
- Hybrid power plant  
Carbonate fuel cell; Internal reforming fuel cell; Gas turbine; Multi-MW plant design; MCFC (Ghezel-Ayagh, H. (152) 219)
- Hybrid vehicles  
Fuel economy; Hydrogen fuel cell (Ahluwalia, R.K. (152) 233)
- Hydrogen  
Autothermal reforming; Water–gas-shift reaction; Fuel cell (Pasel, J. (152) 189)
- Hydrogen  
Dimethyl ether; Steam reforming; Fuel cells; Methanol; Hydrolysis (Semelsberger, T.A. (152) 87)
- Hydrogen  
Autothermal reforming; Fuel processing; Sulfur poisoning; Diesel reforming; Fuel cells (Cheekatamarla, P.K. (152) 256)
- Hydrogen fuel cell  
Fuel economy; Hybrid vehicles (Ahluwalia, R.K. (152) 233)
- Hydrogen generation  
Sodium borohydride; Fuel cell; Electronic load (Xia, Z.T. (152) 46)
- Hydrogen leakage  
Odorant; Detection threshold; Electrode catalyst; Poisoning (Imamura, D. (152) 226)
- Hydrogen production  
Fuel cell; Partial oxidation of ethanol; Co/CeO<sub>2</sub> catalyst; Pd/CeO<sub>2</sub> catalyst; Pt/CeO<sub>2</sub> catalyst (Mattos, L.V. (152) 50)
- Hydrolysis  
Dimethyl ether; Steam reforming; Fuel cells; Methanol; Hydrogen (Semelsberger, T.A. (152) 87)
- Imidazolium salts  
Lithium–sulfur cells; Electrolytes; Discharge capacity; Average discharge voltage; Low-temperature performance (Kim, S. (152) 272)
- Interaction  
Solid oxide fuel cells; Interconnect; Sealant; Corrosion (Menzler, N.H. (152) 156)
- Interconnect  
Solid oxide fuel cells; Sealant; Interaction; Corrosion (Menzler, N.H. (152) 156)
- Intermediate temperature  
Fuel cells; Proton conductors; Perovskite (Ito, N. (152) 200)
- Intermediate temperature  
Spray pyrolysis; Solid oxide fuel cell; Composite particle (Kawano, M. (152) 196)
- Intermediate-temperature solid oxide fuel cell  
LSCu; AC-impedance; Perovskite oxide; Cathode material; Performance (Yu, H.-C. (152) 22)
- Internal reforming fuel cell  
Carbonate fuel cell; Gas turbine; Hybrid power plant; Multi-MW plant design; MCFC (Ghezel-Ayagh, H. (152) 219)
- Layered membranes  
Fuel cells; Polymer electrolyte membranes; Sulfonation; Polysulfone (Chen, S.-L. (152) 27)
- Leaching  
Alkaline batteries; Zinc; Manganese; Environment (Veloso, L.R.S. (152) 295)
- Leak test  
Compressive seal; Mica; Thermal cycle; SOFC (Chou, Y.-S. (152) 168)

- Lithium–sulfur cells  
Imidazolium salts; Electrolytes; Discharge capacity; Average discharge voltage; Low-temperature performance (Kim, S. (152) 272)
- Low-temperature performance  
Lithium–sulfur cells; Imidazolium salts; Electrolytes; Discharge capacity; Average discharge voltage (Kim, S. (152) 272)
- LSCu  
Intermediate-temperature solid oxide fuel cell; AC-impedance; Perovskite oxide; Cathode material; Performance (Yu, H.-C. (152) 22)
- Manganese  
Alkaline batteries; Leaching; Zinc; Environment (Veloso, L.R.S. (152) 295)
- MCFC  
Carbonate fuel cell; Internal reforming fuel cell; Gas turbine; Hybrid power plant; Multi-MW plant design (Ghezel-Ayagh, H. (152) 219)
- MCFC  
High temperature corrosion; Electrical conductivity (Durante, G. (152) 204)
- Membrane electrode assembly  
Heteropolyacid; Nafion®; Stabilization; High temperature; Fuel cell (Ramani, V. (152) 182)
- Membrane properties measurement  
Polymer electrolyte fuel cell; Current density distribution; Numerical model of PEFC (Araki, T. (152) 60)
- Metal values  
Recycling process; Spent lithium-ion batteries; Chemical deposition; Solvent extraction (Nan, J. (152) 278)
- Methanol  
Dimethyl ether; Steam reforming; Fuel cells; Hydrolysis; Hydrogen (Semelsberger, T.A. (152) 87)
- Mica  
Compressive seal; Leak test; Thermal cycle; SOFC (Chou, Y.-S. (152) 168)
- Micro-channel  
Proton exchange membrane fuel cells; Water behavior; Two-phase flow; Volume-of-fluid (Quan, P. (152) 131)
- Microlith  
ATR; WGS; PROX; Fuel processing; Short contact time (Roychoudhury, S. (152) 75)
- Model  
Polymer electrolyte fuel cell; Stack; Voltage/current distribution; Cell anomaly (Kim, G.-S. (152) 210)
- Molecular-level assembly  
PEM fuel cell cathode; Oxygen reduction reaction; Non-platinum based; Nano-scale materials (Wang, B. (152) 1)
- Multi-MW plant design  
Carbonate fuel cell; Internal reforming fuel cell; Gas turbine; Hybrid power plant; MCFC (Ghezel-Ayagh, H. (152) 219)
- Nafion®  
Membrane electrode assembly; Heteropolyacid; Stabilization; High temperature; Fuel cell (Ramani, V. (152) 182)
- Nail penetration  
Cellulose derivatives; Polyurethane; Gel polymer electrolyte; Battery performance; Over charge (Sato, T. (152) 264)
- Nanocomposite membrane  
Polymer electrolyte fuel cell (PEFCs); Titania (Saccà, A. (152) 16)
- Nano-scale  
Nickel hydroxide; Cobalt hydroxide; Granulation; High power; Ni-MH batteries (He, X. (152) 285)
- Nano-scale materials  
PEM fuel cell cathode; Oxygen reduction reaction; Non-platinum based; Molecular-level assembly (Wang, B. (152) 1)
- Nickel hydroxide  
Nano-scale; Cobalt hydroxide; Granulation; High power; Ni-MH batteries (He, X. (152) 285)
- Nickel/zinc battery  
Polymer hydrogel electrolyte; Dendrite (Iwakura, C. (152) 291)
- Ni-MH batteries  
Nano-scale; Nickel hydroxide; Cobalt hydroxide; Granulation; High power (He, X. (152) 285)
- Non-platinum based  
PEM fuel cell cathode; Oxygen reduction reaction; Nano-scale materials; Molecular-level assembly (Wang, B. (152) 1)
- Numerical model of PEFC  
Polymer electrolyte fuel cell; Current density distribution; Membrane properties measurement (Araki, T. (152) 60)
- Odorant  
Hydrogen leakage; Detection threshold; Electrode catalyst; Poisoning (Imamura, D. (152) 226)
- Over charge  
Cellulose derivatives; Polyurethane; Gel polymer electrolyte; Battery performance; Nail penetration (Sato, T. (152) 264)
- Overpotential  
Butler–Volmer; Activation; Polarization; Solid oxide fuel cell (Noren, D.A. (152) 175)
- Oxygen reduction reaction  
PEM fuel cell cathode; Non-platinum based; Nano-scale materials; Molecular-level assembly (Wang, B. (152) 1)
- Partial oxidation of ethanol  
Fuel cell; Hydrogen production; Co/CeO<sub>2</sub> catalyst; Pd/CeO<sub>2</sub> catalyst; Pt/CeO<sub>2</sub> catalyst (Mattos, L.V. (152) 50)
- Passive DMFC  
Fuel cell; Heat and mass transfer; Thermal effect; Thermal management (Chen, R. (152) 122)
- Pd/CeO<sub>2</sub> catalyst  
Fuel cell; Partial oxidation of ethanol; Hydrogen production; Co/CeO<sub>2</sub> catalyst; Pt/CeO<sub>2</sub> catalyst (Mattos, L.V. (152) 50)
- PEM fuel cell  
Corrosion; Tafel extrapolation; Copper–beryllium alloys (Nikam, V.V. (152) 146)
- PEM fuel cell cathode  
Oxygen reduction reaction; Non-platinum based; Nano-scale materials; Molecular-level assembly (Wang, B. (152) 1)
- Performance  
Intermediate-temperature solid oxide fuel cell; LSCu; AC-impedance; Perovskite oxide; Cathode material (Yu, H.-C. (152) 22)
- Perovskite  
Fuel cells; Proton conductors; Intermediate temperature (Ito, N. (152) 200)
- Perovskite oxide  
Intermediate-temperature solid oxide fuel cell; LSCu; AC-impedance; Cathode material; Performance (Yu, H.-C. (152) 22)
- Platinum  
Ethanol oxidation reaction; Ruthenium; Tungsten; Tin (Tanaka, S. (152) 34)
- Poisoning  
Odorant; Hydrogen leakage; Detection threshold; Electrode catalyst (Imamura, D. (152) 226)
- Polarization  
Butler–Volmer; Activation; Overpotential; Solid oxide fuel cell (Noren, D.A. (152) 175)
- Poly vinyl alcohol  
Electrochemical double-layer capacitor; Polymer electrolyte; Capacitance (Yang, C.-C. (152) 303)
- Polymer electrolyte  
Electrochemical double-layer capacitor; Poly vinyl alcohol; Capacitance (Yang, C.-C. (152) 303)
- Polymer electrolyte fuel cell  
Current density distribution; Membrane properties measurement; Numerical model of PEFC (Araki, T. (152) 60)
- Polymer electrolyte fuel cell  
Stack; Model; Voltage/current distribution; Cell anomaly (Kim, G.-S. (152) 210)
- Polymer electrolyte fuel cell (PEFCs)  
Nanocomposite membrane; Titania (Saccà, A. (152) 16)

- Polymer electrolyte fuel cells  
Gas diffusion electrodes; Dimensionless numbers (Gyenge, E.L. (152) 105)
- Polymer electrolyte membranes  
Fuel cells; Sulfonation; Polysulfone; Layered membranes (Chen, S.-L. (152) 27)
- Polymer hydrogel electrolyte  
Nickel/zinc battery; Dendrite (Iwakura, C. (152) 291)
- Polysulfone  
Fuel cells; Polymer electrolyte membranes; Sulfonation; Layered membranes (Chen, S.-L. (152) 27)
- Polyurethane  
Cellulose derivatives; Gel polymer electrolyte; Battery performance; Nail penetration; Over charge (Sato, T. (152) 264)
- Power conversion system  
Battery-fuel cell hybrid; dc-dc boost converter; Bidirectional dc-dc converter (Choi, D.-K. (152) 245)
- Proton conductors  
Fuel cells; Intermediate temperature; Perovskite (Ito, N. (152) 200)
- Proton exchange membrane fuel cells  
Micro-channel; Water behavior; Two-phase flow; Volume-of-fluid (Quan, P. (152) 131)
- PROX  
Microlith; ATR; WGS; Fuel processing; Short contact time (Roychoudhury, S. (152) 75)
- Pt/CeO<sub>2</sub> catalyst  
Fuel cell; Partial oxidation of ethanol; Hydrogen production; Co/CeO<sub>2</sub> catalyst; Pd/CeO<sub>2</sub> catalyst (Mattos, L.V. (152) 50)
- Recycling process  
Spent lithium-ion batteries; Chemical deposition; Solvent extraction; Metal values (Nan, J. (152) 278)
- Roll bonding  
Clad metals; SOFC interconnect (Chen, L. (152) 40)
- Ruthenium  
Ethanol oxidation reaction; Platinum; Tungsten; Tin (Tanaka, S. (152) 34)
- Scale-up  
CFD; Fuel cell; Flow-field design (Squadrito, G. (152) 67)
- Sealant  
Solid oxide fuel cells; Interconnect; Interaction; Corrosion (Menzler, N.H. (152) 156)
- Short contact time  
Microlith; ATR; WGS; PROX; Fuel processing (Roychoudhury, S. (152) 75)
- Silver-copper oxide  
Thermal cycling; Hermeticity (Scott Weil, K. (152) 97)
- Sodium borohydride  
Hydrogen generation; Fuel cell; Electronic load (Xia, Z.T. (152) 46)
- SOFC  
Compressive seal; Mica; Leak test; Thermal cycle (Chou, Y.-S. (152) 168)
- SOFC interconnect  
Clad metals; Roll bonding (Chen, L. (152) 40)
- Solid oxide fuel cell  
Butler-Volmer; Activation; Polarization; Overpotential (Noren, D.A. (152) 175)
- Solid oxide fuel cell  
Spray pyrolysis; Intermediate temperature; Composite particle (Kawano, M. (152) 196)
- Solid oxide fuel cells  
Interconnect; Sealant; Interaction; Corrosion (Menzler, N.H. (152) 156)
- Solvent extraction  
Recycling process; Spent lithium-ion batteries; Chemical deposition; Metal values (Nan, J. (152) 278)
- Spent lithium-ion batteries  
Recycling process; Chemical deposition; Solvent extraction; Metal values (Nan, J. (152) 278)
- Spray pyrolysis  
Solid oxide fuel cell; Intermediate temperature; Composite particle (Kawano, M. (152) 196)
- Stabilization  
Membrane electrode assembly; Heteropolyacid; Nafion®; High temperature; Fuel cell (Ramani, V. (152) 182)
- Stack  
Polymer electrolyte fuel cell; Model; Voltage/current distribution; Cell anomaly (Kim, G.-S. (152) 210)
- Steam reforming  
Dimethyl ether; Fuel cells; Methanol; Hydrolysis; Hydrogen (Semelsberger, T.A. (152) 87)
- Sulfonation  
Fuel cells; Polymer electrolyte membranes; Polysulfone; Layered membranes (Chen, S.-L. (152) 27)
- Sulfur poisoning  
Hydrogen; Autothermal reforming; Fuel processing; Diesel reforming; Fuel cells (Cheekatamarla, P.K. (152) 256)
- Tafel extrapolation  
PEM fuel cell; Corrosion; Copper-beryllium alloys (Nikam, V.V. (152) 146)
- Thermal cycle  
Compressive seal; Mica; Leak test; SOFC (Chou, Y.-S. (152) 168)
- Thermal cycling  
Silver-copper oxide; Hermeticity (Scott Weil, K. (152) 97)
- Thermal effect  
Fuel cell; Passive DMFC; Heat and mass transfer; Thermal management (Chen, R. (152) 122)
- Thermal management  
Fuel cell; Passive DMFC; Heat and mass transfer; Thermal effect (Chen, R. (152) 122)
- Tin  
Ethanol oxidation reaction; Platinum; Ruthenium; Tungsten (Tanaka, S. (152) 34)
- Titania  
Polymer electrolyte fuel cell (PEFCs); Nanocomposite membrane (Saccà, A. (152) 16)
- Tungsten  
Ethanol oxidation reaction; Platinum; Ruthenium; Tin (Tanaka, S. (152) 34)
- Two-phase flow  
Proton exchange membrane fuel cells; Micro-channel; Water behavior; Volume-of-fluid (Quan, P. (152) 131)
- Voltage/current distribution  
Polymer electrolyte fuel cell; Stack; Model; Cell anomaly (Kim, G.-S. (152) 210)
- Volume-of-fluid  
Proton exchange membrane fuel cells; Micro-channel; Water behavior; Two-phase flow (Quan, P. (152) 131)
- Water behavior  
Proton exchange membrane fuel cells; Micro-channel; Two-phase flow; Volume-of-fluid (Quan, P. (152) 131)
- Water-gas-shift reaction  
Autothermal reforming; Hydrogen; Fuel cell (Pasel, J. (152) 189)
- WGS  
Microlith; ATR; PROX; Fuel processing; Short contact time (Roychoudhury, S. (152) 75)
- Zinc  
Alkaline batteries; Leaching; Manganese; Environment (Veloso, L.R.S. (152) 295)