

2010 - ACL-086

4-Benzyl-6-bromo-2-phenyl-4H-imidazo[4,5-b]pyridine

Y. Ouzidan, [Saïd Obbade](#), F. Capet, El Mokhtar Essassi et Seik Ng

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2010 - ACL-087

4-Benzyl-6-bromo-2-(4-methoxyphenyl)-4H-imidazo[4,5-b]pyridine monohydrate

Y. Ouzidan, Y. Rodi, [Saïd Obbade](#), El Mokhtar Essassi et Seik Ng

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Synchronization of *Dictyostelium discoideum* adhesion and spreading using electrostatic forces

Marius Socol, [Christine Lefrou](#), Franz Bruckert, [Didier Delabouglise](#) et Marianne Weidenhaupt

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Preparation of highly loaded Pt/carbon xerogel catalysts for Proton Exchange Membrane fuel cells by the Strong Electrostatic Adsorption method

Nathalie Job, Stéphanie Lambert, [Marian Chatenet](#), Cédric Gommès, [Frédéric Maillard](#), Sandrine Berthon-Fabry, John Regalbuto et Jean-Paul Pirard

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The (electro)catalyst | membrane interface in the Proton Exchange Membrane Fuel Cell: Similarities and differences with non-electrochemical Catalytic Membrane Reactors

[Marian Chatenet](#), Laetitia Dubau, Nathalie Job et [Frédéric Maillard](#)

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Intensification of heat transfer process: Improvement of a shell-and-tube heat exchanger performances by means of ultrasound

[Nicolas Gondrexon](#), Yohann Rousselet, [Mathieu Legay](#), Primius Boldo, Stéphane Le Person et André Bontemps

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Horizontal single-walled carbon nanotubes on MgO(110) and MgO(001) substrates

Mireille Maret, [Bernadette Saubat](#), Johanna Flock, Arnaud Mantoux, Frédéric Charlot et Denys Makarov

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[Christine Lefrou](#) et [Renaud Cornut](#)

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Influence of silica fillers on the ageing by gamma radiation of EDPM nanocomposites

[Emilie Planes](#), Laurent Chazeau, Gérard Vigier et Thomas Stuhldreier

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Synthesis and photochemical properties of imide and amide models containing pentamethylated norbornadiene residues

Ahmed Oueslati, Hatem Ben Romdhane, [Régis Mercier](#) et Refaat Chaabouni

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Propagation and Arrest of Localized Attacks in Carbon Dioxide Corrosion of Carbon Steel in the Presence of Acetic Acid

Jamel Amri, E. Gulbrandsen et [Ricardo Nogueira](#)

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Numerical simulation of a single corrosion pit in CO₂ and acetic acid environments

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Preparation of New Polyimides by Diels-Alder Reaction of Various Bis-pyrone and Bismaleimide of Methylenedianiline (BMI-MDA)

O. Mzani, Hatem Ben Romdhane, M. Baklouti et [Régis Mercier](#)

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Electro-oxidation of Ethanol on Rh/Pt and Ru/Rh/Pt Sub-monolayers Deposited on Au/C Nanoparticles

Fabio Lima, D. Profeti, [Marian Chatenet](#), D. Riello, Edson Ticianelli et Ernesto Gonzalez

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Durability of Pt₃Co/C nanoparticles in a proton-exchange membrane fuel cell: Direct evidence of bulk Co segregation to the surface

[Frédéric Maillard](#), [Laetitia Dubau](#), [Julien Durst](#), [Marian Chatenet](#), Johan André et Elisabeth Rossinot

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Understanding aluminum behaviour in aqueous alkaline solution using coupled techniques Part II: Acoustic emission study

Mickaël Boinet, Julien Bernard, [Marian Chatenet](#), Francis Dalard et [Suzanne Maximovitch](#)

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Nanocomposite polymer electrolyte based on whisker or microfibrils polyoxyethylene nanocomposites

[Fannie Alloin](#), [Alessandra D'Aprea](#), Nadia El Kissi, Alain Dufresne et Frédéric Bossard

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Numerical computation of the Faradaic impedance of inlaid microdisk electrodes using a finite element method with anisotropic mesh adaptation

Richard Michel, [Claude Montella](#), C. Verdier et [Jean-Paul Diard](#)

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Gaëlle Parrour, [Marian Chatenet](#) et [Jean-Paul Diard](#)

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Influence of the tetravalent cation on the high-voltage electrochemical activity of $\text{LiNi}_{0.5}\text{M}_{1.5}\text{O}_4$ spinel cathode materials

[My Le](#), Pierre Strobel, [Fannie Alloin](#) et [Thierry Pagnier](#)

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Nanoscale compositional changes and modification of the surface reactivity of $\text{Pt}_3\text{Co}/\text{C}$ nanoparticles during proton-exchange membrane fuel cell operation

[Laetitia Dubau](#), [Frédéric Maillard](#), [Marian Chatenet](#), Johan André et Elisabeth

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Mohamed Cheikh, [Jean-Pierre Magnin](#), [Nicolas Gondrexon](#), John Willison et Abdennaceur Hassen

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Synthesis and characterisation of poly(ester-amide)s from aromatic bisoxazoline precursors

Imen Ben Mansour, Khaled Alouani, Edouard Chauveau, Vincent Martin, Frédéric Schiets et [Régis Mercier](#)

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Tests for the use of La₂Mo₂O₉-based oxides as multipurpose SOFC core materials

Julien Jacquens, David Farrusseng, [Samuel Georges](#), Jean-Paul Viricelle, C. Gaudillère, Gwenaël Corbel et Philippe Lacorre

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Ionic Liquids and Their Hosting by Polymers for HT-PEMFC Membranes

[Cristina Iojoiu](#), Maha Hana, [Yannick Molmeret](#), [Mathieu Martinez](#), [Laure Cointeaux](#), Nadia El Kissi, J. Teles, [Jean-Claude Leprêtre](#), Patrick Judeinstein et [Jean-Yves Sanchez](#)

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Sophie Charton, Josselin Janvier, Patrick Rivalier, [Eric Chaînet](#) et [Jean-Pierre Caire](#)
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Synthesis, crystal structure and infrared spectroscopy of a new non-centrosymmetric mixed-anion phosphate $\text{Na}_4\text{Mg}_3(\text{PO}_4)_2(\text{P}_2\text{O}_7)$
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Yttria-stabilized zirconia as membrane material for electrolytic deoxidation of CaO-CaCl₂ melts

Alice Martin, Jean-Claude Poinet, [Jacques Fouletier](#), Michel Allibert, D. Lambertin et G. Bourgès

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Sylvain Rodat, Sébastien Sailler, [Florence Druart](#), [Pierre-Xavier Thivel](#), [Yann Bultel](#) et [Patrick Ozil](#)

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Dominique Grondin, [Jonathan Deseure](#), Annabelle Brisse, Mohsine Zahid et [Patrick Ozil](#)

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Strain in epitaxial Si/SiGe graded buffer structures grown on Si(100), Si(110), and Si(111) optically evaluated by polarized Raman spectroscopy and imaging

[Michel Mermoux](#), Alexandre Crisci, Francis Baillet, Vincent Destefanis, [Denis Rouchon](#), A. Papon et Jean-Michel Hartmann

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Influence of Structural Feature of Aluminum Coatings on Mechanical and Water Barrier Properties of Metallized PET Films

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Changes in the Chemical Structure and Properties of a Perfluorosulfonated Acid Membrane Induced by Fuel-Cell Operation

[Corine Bas](#), [Lionel Flandin](#), Anne-Sophie Danérol, Eric Claude, Elisabeth Rossinot et [Nicole Albérola](#)

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Synthesis, Physicochemical Properties, and Toxicity Data of New Hydrophobic Ionic Liquids Containing Dimethylpyridinium and Trimethylpyridinium Cations
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[Renaud Cornut](#), Sophie Griveau et [Christine Lefrou](#)
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Synthesis and functionalities of noble metal nanoparticles formed through simple all-inorganic photochemical procedures
David Riassetto, Francine Roussel, Laetitia Rapenne, Hervé Roussel, Stéphane Coindeau, Odette Chaix, [Fabrice Micoud](#), [Marian Chatenet](#) et Michel Langlet
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Tribological Behavior of Thin Electroplated and Chemically Deposited Ni-P Coatings on Copper Substrates

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[My Le](#), [Fannie Alloin](#), Pierre Strobel, [Jean-Claude Leprêtre](#), Carlos Pérez del Valle et Patrick Judeinstein

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[Emilie Planes](#), Laurent Chazeau, Gérard Vigier, Jean-Marc Chenal et Thomas Stuhldreier

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Nikolay Djourellov, [Corine Bas](#), Daniel Sillou, Rosario Benavente, Ernesto Perez et Maria Cerrada

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Aging mechanism of Sulfonated poly(aryl ether ketone) (sPAEK) in an hydroperoxide solution and in fuel cell

Carine Perrot, Laurent Gonon, [Catherine Marestin](#), Arnaud Morin et Gérard Gebel

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Impact of ultra-low Pt loadings on the performance of anode/cathode in a proton-exchange membrane fuel cell

Emmanuel Billy, Frédéric Maillard, Arnaud Morin, Laure Guétaz, F. Emieux, C. Thurier, P. Doppelt, S. Donet et Sophie Mailley

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Mohammad Arab Pour Yazdi, Pascal Briois, [Samuel Georges](#), Aliaksandr Shaula, Albano Cavaleiro et Alain Billard

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Durability of Pt₃Co/C Cathodes in a 16 Cell PEMFC Stack: Macro/Microstructural Changes and Degradation Mechanisms

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