

2012 - ACL-266

The Stone Age Revisited: Building a Monolithic Inorganic Lithium-Ion Battery
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[Céline Barchasz](#), Florian Molton, Carole Duboc, [Jean-Claude Leprêtre](#), Sébastien Patoux et [Fannie Alloin](#)

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Reactivity of Surfaces Determined by Local Electrochemical Triggering: A Bromo-Terminated Self-Assembled Monolayer

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

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The structure of amino-functionalized polyhedral oligomeric silsesquioxanes (POSS) studied by molecular dynamics simulations

[Sylvie Neyertz](#), P. Brachet, [David Brown](#) et F. Männle

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Salim Bekkouche, [Stéphane Baup](#), Mohamed Bouhelassa, Sonia Molina-Boisseau et Christian Pétrier

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Evidences of "Through-Plane" Heterogeneities of Aging in a Proton-Exchange Membrane Fuel Cell

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

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Blocking Effect of ZnO in YSZ/ZnO Composites

Raphael Marcomini, Dulcina De Souza, [Michel Kleitz](#), [Laurent Dessemond](#) et [César Steil](#)

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[Nicolas Bailly](#), [Elisabeth Djurado](#) et [Samuel Georges](#)

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Jacqueline Figueiredo dos Santos, [Michel Kleitz](#), Tulio Matencio et Rosanna Domingues

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Visible-Light-Driven Generation of High-Valent Oxo-Bridged Dinuclear and Tetranuclear Manganese Terpyridine Entities Linked to Photoactive Ruthenium Units of Relevance to Photosystem II
Carmen Castillo, Sophie Romain, Marius Retegan, Jean-Claude Leprêtre, Jérôme Chauvin, Carole Duboc, Jérôme Fortage, Alain Deronzier et Marie-Noëlle Collomb
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Anna Martinelli, Cristina Iojoiu et Nicolas Sergent
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A Three Dimensional Electrical Model of PEMFC Stack

Mathieu Le Ny, Olivier Chadebec, Gilles Cauffet, Jean-Marc Dedulle et Yann Bultel

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Characterization of Uncoated Stainless Steel as Proton Exchange Membrane Fuel Cell Bipolar Plates Material

Nicolas Caqué, Marion Paris, Marian Chatenet, Elisabeth Rossinot, Richard Bousquet et Eric Claude

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Effect of Ce-Doping on the Electrical and Electrocatalytical Behavior of La/Sr Chromo-Manganite Perovskite as New SOFC Anode

Elisa Lay, Messaoud Benamira, Caroline Pirovano, Gilles Gauthier et Laurent Dessemond

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Understanding Membrane Failure in PEMFC: Comparison of Diagnostic Tools at Different Observation Scales

Gilles De Moor, Corine Bas, Nicolas Charvin, Eddy Moukheiber, Frédéric Niepceron, N. Breilly, Johan André, Elisabeth Rossinot, Eric Claude, Nicole Albérola et Lionel Flandin

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Mechanism of wall transfer under steady localized blowing

Olivier Doche et Sedat Tardu

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2012 - ACL-294

Influence of the carbon texture of platinum/carbon aerogel electrocatalysts on their behavior in a proton exchange membrane fuel cell cathode

Mathilde Ouattara-Brigaudet, Sandrine Berthon-Fabry, Christian Beauger, [Marian Chatenet](#), Nathalie Job, Mohamed Sennour et Patrick Achard

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Ni-8YSZ cermet re-oxidation of anode supported solid oxide fuel cell: From kinetics measurements to mechanical damage prediction

Jérôme Laurencin, [Virginie Roche](#), C. Jaboutian, I. Kieffer, Julie Mougín et [Marlu César Steil](#)

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Morphology and reactivity of aluminium nanocrystalline powders

Bérangère André, Marie-Vanessa Coulet, Myriam Dumont, Jacques Rogez, Vasile Heresanu, Benoît Rufino, [Renaud Bouchet](#) et Renaud Denoyel

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Gregory Chatel, [Laurent Leclerc](#), Emmanuel Naffrechoux, [Corine Bas](#), Nathalie Kardos, Catherine Goux-Henry, Bruno Andrioletti et Micheline Draye

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[Olivier Doche](#), F. Bauer et Sedat Tardu

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Combined effects of Tafel kinetics and Ohmic potential drop on the nonlinear responses of electrochemical systems to low-frequency sinusoidal perturbation of electrode potential - New approach using the Lambert W-function

Claude Montella

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Sandra Simon, Eliane Espuche, Fabrice Gouanve, [Edouard Chauveau](#), [Catherine Marestin](#) et [Régis Mercier](#)
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2012 - ACL-312

Influence of Anions on Proton-Conducting Membranes Based on Neutralized Nafion 117, Triethylammonium Methanesulfonate, and Triethylammonium Perfluorobutanesulfonate. 1. Synthesis and Properties
Vito Di Noto, Matteo Piga, Guinevere Giffin, Sandra Lavina, Eugène Smotkin, [Jean-Yves Sanchez](#) et [Cristina Iojoiu](#)
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2012 - ACL-313

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Vito Di Noto, Matteo Piga, Guinevere Giffin, Sandra Lavina, Eugène Smotkin, [Jean-](#)

[Yves Sanchez](#) et [Cristina Iojoiu](#)

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2012 - ACL-314

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[Renaud Bouchet](#), Didier Devaux, Véronique Wernert et Renaud Denoyel

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[My Le](#), [Laure Cointeaux](#), Pierre Strobel, [Jean-Claude Leprêtre](#), Patrick Judeinstein et [Fannie Alloin](#)

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[Rakhi Sood](#), [Cristina Iojoiu](#), Eliane Espuche, Fabrice Gouanve, Gérard Gebel, Hakima Mendil-Jakani, Sandrine Lyonnard et Jacques Jestin

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Zheng Zhou, Matthew Mackey, Joel Carr, Lei Zhu, [Lionel Flandin](#) et Eric Baer

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[Daniel Marinha](#), [Laurent Dessemond](#) et [Elisabeth Djurado](#)

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[Céline Barchasz](#), [Jean-Claude Leprêtre](#), [Fannie Alloin](#) et Sébastien Patoux

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[Céline Barchasz](#), Frédéric Mesguich, Jean Dijon, [Jean-Claude Leprêtre](#), Sébastien Patoux et [Fannie Alloin](#)

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Direct ethanol solid oxide fuel cell operating in gradual internal reforming
Shayenne Nóbrega, M. Galesco, Kelly Girona, D. de Florio, [Marlu César Steil](#), [Samuel Georges](#) et Fabio Fonseca

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2012 - ACL-324

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[Zuzhen Zhao](#), [Laetitia Dubau](#) et [Frédéric Maillard](#)

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[La(UO₂)V₂O₇][(UO₂)(VO₄)] the first lanthanum uranyl-vanadate with structure built from two types of sheets based upon the uranophane anion-topology

Alexandre Mer, [Saïd Obbade](#), Murielle Rivenet, C. Renard et Francis Abraham

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[Nina Kircheva](#), Sylvie Génies, David Brun-Buisson et [Pierre-Xavier Thivel](#)

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[Anne Cordier](#), [Michel Kleitz](#) et [Marlu César Steil](#)
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2012 - ACL-332

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[Thiago Mesquita](#), [Edouard Chauveau](#), Marc Mantel, Nicole Kinsman, [Virginie Roche](#) et [Ricardo Nogueira](#)
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