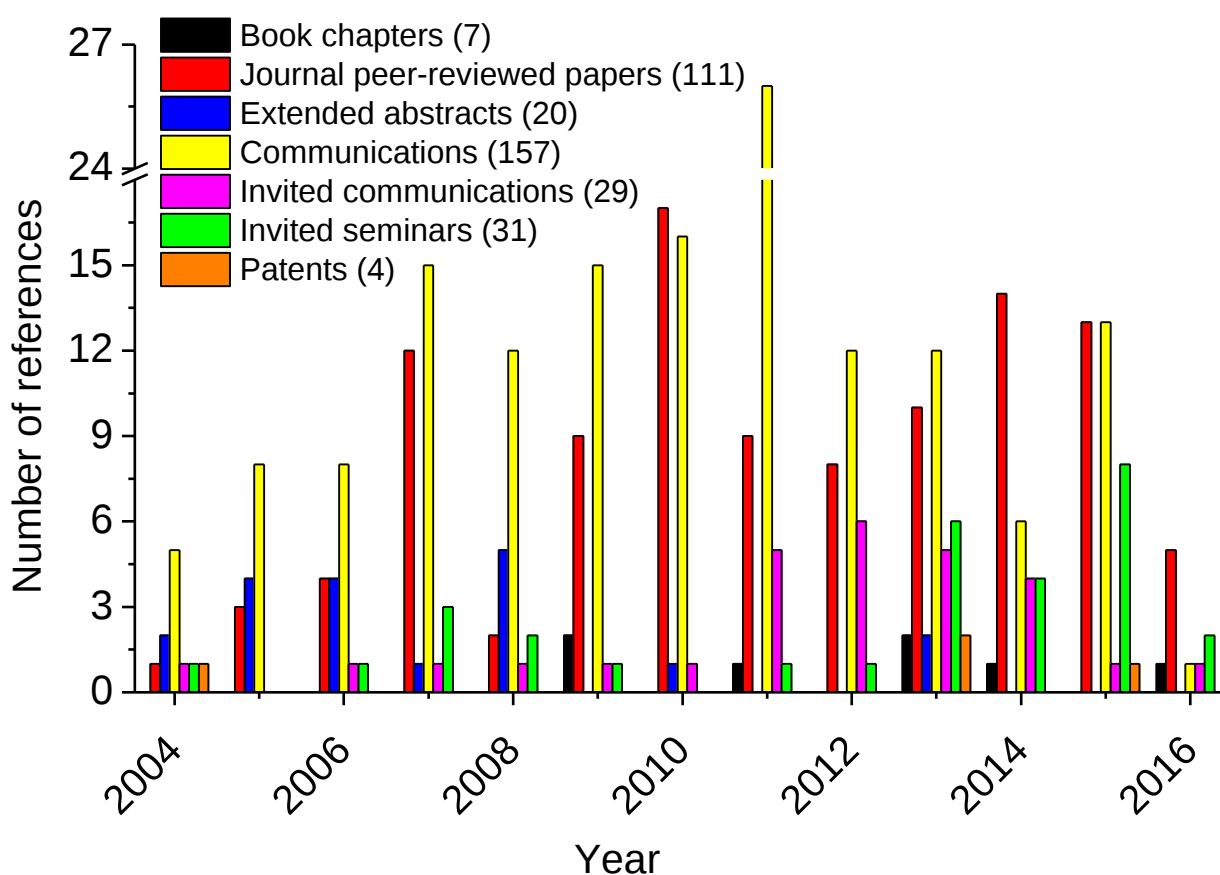


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- « h-factor » = 31
- Total citations : 2792
- ORCID : 0000-0002-9673-4775

- 7 book chapters
- 111 publications in peer-reviewed journals
- 4 patents
- 20 extended abstracts (14 reviewed on full text and 6 on abstract)
- 148 communications in international conference with acts (28 invited)
- 9 communications in national conference with acts (1 invited)
- 31 invited seminars



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- CI-121 F. R. Nikkuni, Edson A. Ticianelli, L. Dubau, **M. Chatenet**, Identical Location Transmission Electron Microscopy in Polymer Electrolyte Environment – Application to the degradation of Pt/C and $\text{Pt}_3\text{Co}/\text{C}$ electrocatalysts under accelerated aging tests, **oral com.**, 224th ECS Meeting of the Electrochemical Society, San Francisco (2013) abstract # 1556.
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- CI-138** S. Pylypko, **M. Chatenet**, M. Cretin, U. Demirci, Synthesis and Characterization of Sodium Octahydrotriborate NaB_3H_8 , a Potential Fuel for Direct Liquid-Fed Fuel Cell, **oral com.**, ECS Conference on Electrochemical Energy Conversion & Storage with SOFC–XIV, **Glasgow** (2015) abstract #51757.
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- CN-1 **M. Chatenet**, M. Aurousseau, R. Durand, Deux utilisations non classiques de l'électrode disque-anneau (EDAT) : mesure de coefficient de diffusion et étude de réaction sur nanoparticules, **affiche**, *Société chimique de France*, **Grenoble** (1999)
- CN-2 **C. Lebouin**, Y. Soldo-Olivier, P. Millet, **M. Chatenet**, R. Faure, Dépôt en sous potentiel de palladium sur monocristaux de platine: étude du système Pd-H en basse dimensionnalité, **oral com.**, *Electrochimie dans les nanosciences – Société chimique de France*, **Paris** (2006) CO18
- CN-3 **E. Guilminot**, A. Corcella, F. Maillard, **M. Chatenet**, L'ultramicroélectrode à cavité : un outil performant pour la caractérisation d'électrocatalyseur nanoparticules de Pt/C de piles à combustible basse température, **oral com.**, *Electrochimie dans les nanosciences – Société chimique de France*, **Paris** (2006) A14
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- CN-6 **F. Maillard**, **M. Chatenet**, Electrocatalyse et vieillissement des matériaux dans une PEMFC, **oral com. invited**, *Journées thématiques de la société française de thermique - Piles à combustible à membrane PEMFC, Modélisation et retour d'expérience*, **Grenoble** (2008)
- CN-7 G. Parrou, **M. Chatenet**, J.-P. Diard, Etude de l'électrooxydation de NaBH₄ sur électrode à disque tournant d'or par spectroscopie d'impédance électrochimique – Vers un mécanisme à plusieurs étapes (E) successives, **oral com. et affiche**, *XXI^{ème} forum sur les impédances électrochimiques*, **Paris** (2008) communication matinale #2
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- CN-9 **M. B. Molina-Concha**, **M. Chatenet**, Electrooxydation du borohydrure de sodium sur électrodes de Pt, Ag et alliages Pt-Ag en milieu alcalin, **affiche**, *Journées de printemps de la Société chimique de France - section Rhône-Alpes*, **Grenoble** (2008)

Invited seminars

- SI-1 **M. Chatenet**, Electrocatalysis applied to fuel cells, *University of Minnesota*, **Minneapolis** (2003)
- SI-2 **M. Chatenet**, Les piles à combustible basse température, *Séminaire annuel des enseignants de physique-chimie du secondaire*, **Grenoble** (2004)
- SI-3 **M. Chatenet**, The electrocatalysis of oxygen electroreduction: from the basics to the industrial processes, *VINCI School 2006: Electrocatalysis, Materials in Energy Saving, Sensing, Electrosynthesis and Environmental Issues*, **Milano** (2006)
- SI-4 **M. Chatenet**, L'hydrogène de poche : quelle pile à combustible au quotidien ?, *Conférence*

mid-science, Université Joseph Fourier, Grenoble (2007)

- SI-5 **M. Chatenet**, La pile à combustible : mythe ou réalité ? Quelle pile à combustible dans notre quotidien ?, *Réunion des anciens cadres supérieurs et dirigeants de Rhône-Poulenc agrochimie, Chazay d'Azergues* (2007)
- SI-6 **M. Chatenet**, L'ultramicroélectrode à cavité (UMEC) en électrocatalyse – principe, exemples et difficultés expérimentales, *Workshop UMEC, Paris* (2007)
- SI-7 **M. Chatenet**, M. B. Molina-Concha, G. Parrou, J.-P. Diard, Contribution à la caractérisation du mécanisme et de la cinétique d'électrooxydation de l'anion borohydrure en milieu alcalin, *Journées Toulousaines d'électrochimie, Toulouse* (2008)
- SI-8 **M. Chatenet**, Pt redistribution within PEMFC MEAs upon ageing – causes and consequences on the PEMFC performance, *Universidade de São Paulo, São Carlos* (2008)
- SI-9 **M. Chatenet**, First insights into the mechanism of the Borohydride Oxidation Reaction (BOR) on gold from Electrochemical Impedance Spectroscopy (EIS), *Universidade de São Paulo, São Carlos* (2009)
- SI-10 L. Dubau, J. Durst, E. Guilminot, F. Maillard, **M. Chatenet**, Dégradation des couches actives de PEMFC à base de nanoparticules de Pt ou PtCo supportées sur carbone de grande aire spécifique, *Laboratoire d'Énergétique et de Mécanique Théorique et Appliquée (LEMTA), Nancy* (2011)
- SI-11 **M. Chatenet**, B. Molina Concha, L. Dubau, E. Guilminot, J. Durst, F. Maillard, Electrocatalysis in low-temperature fuel cells; from the limitations of PEMFC to the promises of DBFC, *University of Southampton, Southampton* (2012)
- SI-12 B. Vion-Dury, J. Durst, E. Guilminot, F. Maillard, **M. Chatenet**, L'ultramicroélectrode à cavité en électrocatalyse – forces et faiblesses vis-à-vis des outils de caractérisation classiques d'électrocatalyseurs de PEMFC, *Ecole thématique « Electrochimie pour les microréacteur, microcapteur, microbatteries », Autrans* (2013)
- SI-13 **M. Chatenet**, Les piles à combustible basse température : rêve ou cauchemar ? (des problèmes à leur solutions), *Conférences de la Fédération de Chimie de Marseille, Marseille* (2013)
- SI-14 **M. Chatenet**, Study of NH_3BH_3 electrooxidation reaction on gold electrodes by in situ Fourier Transform InfraRed Spectroscopy and on-line Differential Electrochemical Mass Spectrometry, *Institut National Polytechnique de Lorraine, Nancy* (2013)
- SI-15 **M. Chatenet**, Les piles à combustible basse température pour le véhicule électrifié : rêve inaccessible ?, *Réunion des anciens cadres supérieurs et dirigeants de Rhône-Poulenc agrochimie, Chazay d'Azergues* (2013)
- SI-16 **M. Chatenet**, Non-covalent interaction of cations with metal/carbon and oxide/carbon surfaces – application to oxygen reactions in aqueous Li-air batteries), *Universidade de São Paulo, São Carlos* (2013)
- SI-17 **M. Chatenet**, Les piles à combustible basse température pour le véhicule électrique, *Réunion de l'ADEPT, Talloires* (2013)
- SI-18 **M. Chatenet**, Electrocatalysis of the borohydride oxidation reaction at Pt electrodes in alkaline medium, *Université de Strasbourg, Strasbourg* (2014)
- SI-19 **M. Chatenet**, Electrocatalysis of Pt/MOx (M = Ti, W) materials in PEMFC environment, Saint Gobain CREE, **Cavaillon** (2014)
- SI-20 **M. Chatenet**, Direct Alkaline Fuel Cells: an alternative to H_2 -fed PEMFC? Promises and hurdles, BEST seminar, **Grenoble** (2014)

- SI-21 **M. Chatenet**, Behavior of platinum and gold electrodes towards the borohydride oxidation reaction in alkaline medium, 1st TEC seminar of the Technische Universität München, **Brixen Im Thale** (2014).
- SI-22 **M. Chatenet**, Heterogeneities of aging upon PEMFC degradation – Why identical location transmission electron microscopy in polymer electrolyte environment is worth a study, 2nd TEC seminar of the Technische Universität München, **Brixen Im Thale, Austria** (2015).
- SI-23 **M. Chatenet**, Electrocatalysis at LEPMI, Team of interfacial electrochemistry, *Institut for Energy (IFE)*, **Kjeller, Norway** (2015).
- SI-24 **M. Chatenet**, Electrocatalysis at LEPMI, Team of interfacial electrochemistry, *SINTEF - NTNU*, **Trondheim, Norway** (2015).
- SI-25 **M. Chatenet**, Identical-location transmission electron microscopy, a tool to understand PEMFC electrocatalysts degradations, *séminaire IRCE Lyon*, **Lyon** (2015).
- SI-26 F. R. Nikkuni, J. Durst, L. Castanheira, E. A. Ticianelli, L. Dubau, F. Maillard, **M. Chatenet**, Identical-location transmission electron microscopy, a tool to understand PEMFC electrocatalysts degradations, *University of New Mexico*, **Albuquerque, USA** (2015).
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- SI-28 L. Dubau, **M. Chatenet**, **F. Maillard**, Instability of carbon-supported Pt-based nanoparticles in model and real proton-exchange membrane fuel cell environment, *PC-Kolloquium Universität Ulm*, **Ulm, Allemagne** (2015).
- SI-29 **M. Chatenet**, Les piles à combustible dans le contexte du développement durable, *Conférence « Olympiades de Chimie »*, Mercredi 16 Décembre 2015, **Grenoble** (2015).
- SI-30 **M. Chatenet**, Les piles à combustible dans le contexte du développement durable, *Journées nationales des cordées de la réussite Collèges-Lycées - Grandes Écoles - Universités – Entreprises, Cordée « GRENOBLE SCIENCES »*, Jeudi 4 février 2016, **Grenoble** (2016).
- SI-31 **M. Chatenet**, Durability issues in low-temperature fuel cells: from systems operated on the field to model accelerated stress-test, 3rd TEC seminar of the Technische Universität München, **Brixen Im Thale, Austria** (2016).