LIST OF PUBLICATIONS

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I. PATENTS

B1. A. Montaut, S. Moutin, M.J. Chatenet, J.F.C. Durst, **F.T. Maillard**, L. Dubau, "Hollow platinum nanoparticles for fuel cells", CNRS/Grenoble-INP/Air Liquide, US Patent. US20140227632 (European patent n° EP2680353A1).

B2. M. Zimmermann, M. Chatenet, **F. Maillard**, D. Ayme-Perrot, P. Sonntag, "Use of high specific surface area carbon materials as simultaneous counter electrode and reference electrode for electrochemical measurements (Carbone poreux monolithique à haute surface spécifique utilisable comme électrode de référence et contre-électrode au sein de cellules électrochimiques 3 électrodes", World Patent WO2016116382 (A1) — 2016-07-28

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Ch1. **F. Maillard**, P. Simonov, E. R. Savinova, "Carbon materials as support for fuel cells electrocatalysts", In "Carbon Materials for Catalysis", Serp, P., Figueiredo, J. L., Eds.; John Wiley & Sons, Inc.: New York, (2009), 429-480. DOI: 10.1002/9780470403709.ch12.

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Ch8. T.W. Napporn, L. Dubau, C. Morais, M.R. Camilo, J. Durst, F.H.B. Lima, **F. Maillard**, B. Kokoh, "Tools and Electrochemical *in situ* and *on-line* Characterization Techniques for Nanomaterials", In: Kumar C. (eds), "*In situ* Characterization Techniques for Nanomaterials", Springer, Berlin, Heidelberg (2018) 383-439. DOI: 10.1007/978-3-662-56322-9_11.

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