

## EDITORIAL

The Impact Factor of a Journal (that is usually made available every year in June) is essentially dependent on the most cited papers published in the first of the two years period over which citations are reckoned. Therefore, the Impact Factor for 2010 is mainly dependent on the citations collected by the papers published in 2008. In this respect, the Editors of *Electrochimica Acta* are pleased to list below the papers appeared in the Journal in 2008 that have received thus far (according to SCOPUS) the highest number of citations, thus contributing essentially to establish the value of the IF. Congratulations to the Authors!

### **Measurement of oxygen reduction activities via the rotating disc electrode method: From Pt model surfaces to carbon-supported high surface area catalysts**

Mayrhofer, K.J.J., Strmcnik, D., Blizanac, B.B., Stamenkovic, V., Arenz, M., Markovic, N.M.  
*Electrochimica Acta* 53 (7), pp. 3181-3188. Cited 69 times.

### **Gold nanoparticle-based electrochemical biosensors**

Pingarrón, J.M., Yáñez-Sedeño, P., González-Cortés, A.  
*Electrochimica Acta* 53 (19), pp. 5848-5866. Cited 61 times.

### **A review of Fe-N/C and Co-N/C catalysts for the oxygen reduction reaction**

Bezerra, C.W.B., Zhang, L., Lee, K., Liu, H., Marques, A.L.B., Marques, E.P., Wang, H., Zhang, J.  
*Electrochimica Acta* 53 (15), pp. 4937-4951. Cited 55 times.

### **Molecular simulation, quantum chemical calculations and electrochemical studies for inhibition of mild steel by triazoles**

Khaled, K.F.  
*Electrochimica Acta* 53 (9), pp. 3484-3492. Cited 44 times.

### **Towards understanding the structure and capacitance of electrical double layer in ionic liquids**

Fedorov, M.V., Kornyshev, A.A.  
*Electrochimica Acta* 53 (23), pp. 6835-6840. Cited 40 times.

### **Fe/N/C non-precious catalysts for PEM fuel cells: Influence of the structural parameters of pristine commercial carbon blacks on their activity for oxygen reduction**

Charreteur, F., Jaouen, F., Ruggeri, S., Dodelet, J.-P.  
*Electrochimica Acta* 53 (6), pp. 2925-2938. Cited 40 times.

### **Oxide (CeO<sub>2</sub>, NiO, Co<sub>3</sub>O<sub>4</sub> and Mn<sub>3</sub>O<sub>4</sub>)-promoted Pd/C electrocatalysts for alcohol electrooxidation in alkaline media**

Xu, C., Tian, Z., Shen, P., Jiang, S.P.  
*Electrochimica Acta* 53 (5), pp. 2610-2618. Cited 40 times.

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