

LIST OF PUBLICATION

Edson A. Ticianelli

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1. Lo Faro, M., Oliveira da Silva, W., Valenzuela Barrientos, W., Saglietti, G.G.A., Zignani, S.C., Ticianelli, E.A., Antonucci, V., Aricò, A.S. The role of CuSn alloy in the co-electrolysis of CO₂ and H₂O through an intermediate temperature solid oxide electrolyser. (2020) *Journal of Energy Storage*, 27, art. no. 100820. DOI: 10.1016/j.est.2019.100820.
2. Perini, N., Ticianelli, E.A. Oxygen evolution on gold: The effects of alkali-metal cations and iron impurities from alkaline electrolytes. (2019) *Journal of Catalysis*, 378, pp. 277-282.
3. da Trindade, L.G., Zanchet, L., Martins, P.C., Borba, K.M.N., Santos, R.D.M., Paiva, R.D.S., Vermeersch, L.A.F., Ticianelli, E.A., de Souza, M.O., Martini, E.M.A. The influence of ionic liquids cation on the properties of sulfonated poly (ether ether ketone)/polybenzimidazole blends applied in PEMFC, (2019) *Polymer*, 179, art. no. 121723, .
4. Silva, W.O., Silva, G.C., Webster, R.F., Benedetti, T.M., Tilley, R.D., Ticianelli, E.A. Electrochemical Reduction of CO₂ on Nitrogen-Doped Carbon Catalysts With and Without Iron, (2019) *ChemElectroChem*, 6 (17), pp. 4626-4636.
5. Bott-Neto, J.L., Martins, T.S., Machado, S.A.S., Ticianelli, E.A. Electrocatalytic Oxidation of Methanol, Ethanol, and Glycerol on Ni(OH)₂ Nanoparticles Encapsulated with Poly[Ni(salen)] Film. (2019) *ACS Applied Materials and Interfaces*, 11 (34), pp. 30810-30818.
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8. Gómez-Marín, A.M., Feliu, J.M., Ticianelli, E. Oxygen Reduction on Platinum Surfaces in Acid Media: Experimental Evidence of a CECE/DISP Initial Reaction Path. (2019) *ACS Catalysis*, 9 (3), pp. 2238-2251.
9. Farinazzo Bergamo Dias Martins, P., Papa Lopes, P., Ticianelli, E.A., Stamenkovic, V.R., Markovic, N.M., Strmcnik, D. Hydrogen evolution reaction on copper: Promoting water dissociation by tuning the surface oxophilicity. (2019) *Electrochemistry Communications*, 100, pp. 30-33.
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11. Lo Faro, M., Oliveira da Silva, W., Barrientos, W.V., Saglietti, G.G.A., Zignani, S.C., Antonucci, V., Ticianelli, E.A., Aricò, A.S. Enhanced production of methane through the use of a catalytic Ni-Fe pre-layer in a solid oxide co-electrolyser. (2019) *International Journal of Hydrogen Energy*.

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