



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_38163
Title of the Manuscript:	A comparative study of two different media on the electropolymerization of 2-(9-ethylcarbazol-3-yliminomethyl)phenol: Cyclic voltammetry, impedance spectroscopy, XPS and UV-visible measurements
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
It seems that the authors were in a hurry so they were not careful in what they wrote. Here are some examples : 1- "The variation of the first peak potential of SIC with the logarithm of sweep rate : $E_{pa} = f(\log v)$ (Figure 10) provides a straight line with zero slope value, confirming that the oxidation of hydroxyl function occurred rapidly. What bases for such statement that figure 10 show that reaction took place rapidly? Why Log (scan rate) vs. peak potential confirm that? No reference supports that. 2- Figure 10 is still misleading, the author/s plot log of scan rate, in mV/s which is wrong! And followed by another mistake in Y axes by plotting a shift in the peak potential (with magnitude of few mV) in Volts. With that they were mislead themselves and the readers about a straight line with a slope of zero? In previous review I asked to plot Scan rate in V/s and peak potential in mV and see what you can get, it will not be a straight line with slope of zero. 3- What is the significance of Figure 9? 4- So many typo and lack of deep discussion in the current article.	2- We added the curve which represents the cyclic voltammetric responses of SIC when the scan rate varies from 0.02 to 0.5 V / s. We also plotted the curves that represent: peak currents vs. square root of scan rate and variation of potential (in V with magnitude of few mV) vs. log v (Scan rate in V/s). The related results were discussed. 3- FIG. 9 represents the geometrical optimization of the two isomers structure, ortho- and para-quinone. It shows that the energy values of HOMO of the two isomers are very similar, which explains their oxidation at the same potential. In section 3.5. The same figure served to illustrate the donor-acceptor character of both isomers and to support the bandgap related discussion. 4- Typing errors are probably due to an incompatibility between Word versions. -All added paragraphs are highlighted in yellow.