

Review Form 1.6

Journal Name:	Asian Journal of Applied Chemistry Research
Manuscript Number:	Ms_AJACR_82693
Title of the Manuscript:	Electrochemical Synthesis, and Electrochromic properties of Poly(2-(9H-Carbazol-9-yl)acetic acid) film.
Type of the Article	Original Research Article

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This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p>	<p>1.Ensure consistency in stating references in text. Should be stated as Author name [ref#]. Check remaining documents to correct accordingly. For example: 'The author 2015 reported that an electrically...'</p> <p>2. The manuscript need proofreading to correct all the spelling and grammatical errors. For example: 'All chemicals and reagents were used without further purification such carbazole obatined..'</p> <p>3. Material and method Section 2.1: Elaborate on the temperature of the cold water used.</p> <p>4. Material and method Section 2.1: Elaborate on the level of concentrated solution need to be obtained. '...were dissolved by immersion in dimethyl sulfoxide (DMSO) and this process was repeated several times to concentrate the solution.'</p> <p>5. The description in text is too long. Suggest to put in table. Fig. 8 shows that the ¹H NMR of 2-(9H-carbazol-9-yl) acetic acid(H8), at 8.2(CH,d),7.6(CH,d), 7.45 (CH,t), 7.25 (CH,t). the ¹H NMR spectra of poly(2-(9H-carbazol-9-yl) acetic acid) in neutral medium(H7), at 8.65 (CH,S), 8.35(CH,d), 8.2(CH,d), 7.95(CH,d), 7.85(CH,d), 7.75(CH,d), 7.6(CH,d), 7.5(CH,t), 7.3(CH,t), 7.15(CH,s), 7.1(CH,s), 5.8(CH₂-N-ring,t), while ¹H NMR of poly(2-(9H-carbazol-9-yl) acetic acid) in acidic medium (H9), at 8.65 (CH,S), 8.35 (CH,d), 8.2 (CH,d), 7.95(CH,d), 7.85(CH,d), 7.75(CH,d), 7.6(CH,d), 7.5(CH,t), 7.3(CH,t) 7.15(CH,s) 7.1(CH,s) 5.8 (CH₂-N-ring,t).</p> <p>6. The description in text is too long and in one sentence. The ¹³C NMR (δ ppm; DMDO-d₆) spectra of poly(2-(9H-carbazol-9-yl) acetic acid) in neutral medium(H7), at 139.5,139 , and 137.5 due to (2C_a), while 131.5 and 125(C_{2,7}) the chemical shift in the absorption value of the carbon atoms of position 2 and 7 due to the occurrence of the polymerization reaction in them, 122, 121.5 and 121 due to (2C_b), 119 and 118.5 due to (C_{4,5}), 118 and 117 due to(C_{3,6}), 109, 108.5and 108 due to(C_{1,8}). while ¹³C NMR (δ ppm; DMDO-d₆) of poly(2-(9H-carbazol-9-yl) acetic acid) in acidic medium (H9), at 139, 137.5, 131.5, 125, 124, ,122, 121,5, 121, 119.2, 119, 118,117.5, 117, 109,108.5,108.</p> <p>7. Need to include discussion related to Table 3 and Table 4 and not just stating the results. Relate the result on MW, dispersity and solubility.</p>	
<p>Minor REVISION comments</p>	<p>1.Revise the figure caption as some of the description should be discussed in text instead of the caption. Fig1. Cyclic voltammograms of carbazole (25mM), multicycle (20 cycle) in supporting electrolyte (0.1M) TBABF4 + ACN, scan rate 100 mv/s. Ag/AgCl as reference electrode, Pt</p>	

Review Form 1.6

	<p>wire as auxiliary electrode, Pt disc as working electrode. CVs were recorded each every 5 cycle, first cycle and last cycles are showed purple and black line respectively.</p> <p>2.State clearly which table. ..In Table we summarized and comparized the oxidation of momomer(E_{pa})and reduction of ..</p>	
Optional/General comments	This manuscript contribute new knowledge on the electrochemical synthesis and the properties and characterizations of the Poly(2-(9H-Carbazol-9-yl)acetic acid) film.	

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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