



- Sunu Brams Dwandaru, M.Sc <wipsarian@uny.ac.id>

HASIL REVIEW

3 messages

SPEKTRA <spektra@unj.ac.id>

30 July 2018 at 11:08

To: "oktialanusi@gmail.com" <oktialanusi@gmail.com>, "bagasprakoso924@gmail.com" <bagasprakoso924@gmail.com>, "rhyko.irawan17@gmail.com" <rhyko.irawan17@gmail.com>, "iman.santoso@ugm.ac.id" <iman.santoso@ugm.ac.id>, "wipsarian@uny.ac.id" <wipsarian@uny.ac.id>

Wipsar Sunu Brams Dwandaru:

We have reached a decision regarding your submission to Spektra: Jurnal Fisika dan Aplikasinya, "UV-Visual Optical Absorbance of Graphene Oxide in Copper Ionic Liquid Synthesized via Electrochemical Method Assisted by a Copper Coil".

Our decision is: Revisions Required

Iwan Sugihartono
isugihar@hotmail.com

Reviewer A:

1. The title represent the paper content.

Good

2. Comments for title.

the tittle represent the paper content

3. The abstract represent the content of the paper (the purpose, methods, results, and impacts).

Good

4. The keywords indicate the scope of the research.

Good

5. Comments for the abstract and the keywords.

the stand for DMF in abstract should be stated.

6. The introduction was supported by theory and previous research.

Good

7. Comments for introduction.

The optic properties problem of GO should be briefly explained in introduction.

8. The selected research methodology was appropriate for solving the problem.

Good

9. Comments for methodology.

good

10. The data presentation and its interpretation are original and reasonable.

Good

11. The data presentation and its interpretation were answer problems or hypotheses.

Good

12. The discussion analyzing the results.

Good

13. Comments for results and discussion.

Add discussion by comparison results by other previous investigation results or theory.

14. The summary was answer the problem clearly.

Good

15. Comments for summary.

some of sentences are not conclusion

16. The relevance of the topic to be published in SPEKTRA.

Good

17. Novelty.

Good

18. Innovation.

Good

19. All references support the contents of the article.

Good

20. Comments for reference.

good

21. Reviewer Decisions

Published with minor revision.

22. Additional comments to author.

no comment

- **Sunu Brams Dwandaru, M.Sc** <wipsarian@uny.ac.id>
To: rhyko irawan w <rhyko.irawan17@gmail.com>

30 July 2018 at 11:44

[Quoted text hidden]

- **Sunu Brams Dwandaru, M.Sc** <wipsarian@uny.ac.id>
To: SPEKTRA <spektra@unj.ac.id>, isugihar@hotmail.com, "- Sunu Brams Dwandaru, M.Sc" <wipsarian@uny.ac.id>

8 August 2018 at 13:14

UV-Visible Optical Absorbance of Graphene Oxide in Copper Ionic Liquid Synthesized via Electrochemical Method Assisted by a Copper Coil

Dear Editor of Journal Spektra UNJ
Dr. Iwan Sugihartono, M.Si

We would like to thank for the decision concerning our manuscript above. We also would like to apologise for the slow response to your email.

We understand that some revisions are required for the manuscript. Hence, we hereby give our responses to the comments by the reviewers. We attached the revised manuscript and author response letter in this email. We have also upload the revised manuscript and author response letter into the website.

Hopefully these responses may improve the manuscript.

Best regards,
Wipsar Sunu Brams Dwandaru, M.Sc., Ph.D

Physics Education Department,
Universitas Negeri Yogyakarta

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2 attachments



Author Response Letter Spektra.docx

19K



artikel Spektra Brams revised.docx

700K

Author Response Letter

Dear Editor of Jurnal Spektra UNJ
Dr. Iwan Sugihartono, M.Si

We would like to thank for the decision concerning our manuscript entitled: 'UV-Visible Optical Absorbance of Graphene Oxide in Copper Ionic Liquid Synthesized via Electrochemical Method Assisted by a Copper Coil'.

We understand that some revisions are required for the manuscript. Hence, we hereby give our responses towards the comments given by the reviewers. Hopefully, these responses may improve the manuscript which may then be published in the Jurnal of Spektra.

Comment 1:

DMF stands for?

Response:

Thank you for pointing this out. DMF stands for dimethyl formamide. We have added this in the Abstract part (see Abstract in the manuscript), which is highlighted in yellow color.

Comment 2:

The optic properties problem of GO should be briefly explained in the Introduction

Response:

We thank the reviewers for this comment. Yes, this certainly should be in the Introduction part. That is why we have elaborate this at the end of the Introduction part highlighted in yellow color, that is:

'Moreover, the data obtained in this study is limited to UV-Visible (UV-Vis) spectroscopy results. This is of course far from ideal as other characterizations are needed to confirm and elaborate the results obtained in this study. However, we would like to emphasize on the optical properties of the material, especially from the absorbance of the material towards ultraviolet and visible light spectral. Hence, we would like to determine the wavelengths at the maximum (peak) absorbance and possible shifts of the peaks. These peaks indicate specific materials inside the sample being tested'.

Comment 3:

Add discussion by comparison results by other previous investigation results or theory.

Response:

Thank you again for pointing this out. We have indeed added the discussion by comparing our results with previous investigation by Liu, et. al. (2014), i.e.:

'Liu et. al. (2014) where it is reported that the peak of GO is obtained around 230 nm before the electrochemical process and red shifted toward 260 nm after the electrochemical process.'

Comment 4:

These are not conclusion, aren't ?

Response:

We thank the reviewers for the input. We have deleted the part that is not in accordance with the Conclusion.