

# REKAP BUKTI KORESPONDENSI

Tanggal	Keterangan
18 Juni 2022	Submitting
9 Juli 2022	Revision
28 Juli 2022	Pemberitahuan untuk mengecek progres editorial
26 Agustus 2022	Accepted

---

**From:** Adi Darmawan  
**Sent:** Friday, 18 June 2021 12:06  
**To:** Dessy Ariyanti  
**Subject:** [JKSA] Submission Acknowledgement

Dear Dr. Dessy Ariyanti

Thank you for submitting the manuscript, "TiO<sub>2</sub>-PDMS Super Hydrophilic Coating with Self-Cleaning and Antimicrobial Properties" to Jurnal Kimia Sains dan Aplikasi. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Manuscript URL: <https://ejournal.undip.ac.id/index.php/ksa/author/submission/39276>  
Username: dessyundip

Jurnal Kimia Sains dan Aplikasi (JKSA) follows the Open Access model. The publication cost should be covered by the author's institution or research funds. These Open Access charges replace subscription charges and allow the Jurnal Kimia Sains dan Aplikasi (JKSA) to make the valuable published materials freely accessible to all interested online visitors, especially the researchers and scholars.

The article processing charge is for professional copyediting; for efficient and thorough peer review; for immediate publication quickly upon acceptance; for the article to be freely and for universally accessible in various formats online.

Payment is made after successful review of the manuscript; acceptance email is sent to the corresponding author with payment details. No charge is made for articles that are rejected after peer review.

The article processing charge is Rp. 1.000.000, however JKSA waives the Article Processing Charges (APCs) for Non-Indonesian authors.

For papers submitted in Indonesian, if the paper is then accepted, it is requested that the paper be translated into English. We recommend that the paper be translated by a professional translator and for that there is a translation fee of Rp. 300,000

All authors are requested to submit a Copyright Transfer Agreement after the manuscript is confirmed to be accepted for publication. Copyright transfer agreement form can be downloaded from the Copyright notice section under the Submission tab.

Please don't hesitate to ask any question you have. You can contact me or send an email to [jksa@live.undip.ac.id](mailto:jksa@live.undip.ac.id). Your emails will be respond in a very short time.

Thank you for considering this journal as a venue for your work.

Regards

Adi Darmawan  
Jurnal Kimia Sains dan Aplikasi

---

Jurnal Kimia Sains dan Aplikasi

<http://ejournal.undip.ac.id/index.php/ksa>

---

**From:** Dr. Yayuk Astuti  
**Sent:** Friday, 09 July 2021 11:14  
**To:** Dessy Ariyanti  
**Cc:** Afiatin Afiatin; Pury Diana Shintawati; Aprilina Purbasari  
**Subject:** [JKSA] Editor Decision - your submission needs to be revised

Dear Dr. Dessy Ariyanti

We have reached a decision regarding your submission to Jurnal Kimia Sains dan Aplikasi, "TiO<sub>2</sub>-PDMS Super Hydrophilic Coating with Self-Cleaning and Antimicrobial Properties".

Our decision is that you need to revise this manuscript according to the feedback from the review.

\*How to prepare a revised manuscript.\*

- (1) Carefully read reviewer(s)' comments and make appropriate revisions.
- (2) Revised parts should be highlighted by changing the background color or the color of the words. The revised manuscript is in .docx format. Make sure that the revised manuscripts are cleared from the reviewer comments (none of the reviewers' comments are in the revised manuscript)

\* How to prepare a response letter (a reply letter to the reviewer's question)\*

- (1) Copy all the comments given by the reviewers.
- (2) Respond each comment, question, or suggestion one by one. The answers to the reviewer questions is in docx format. An example of the answers to the reviewer questions is attached.
- (3) Indicate changes you make in the manuscript.

\* How to upload your revised manuscript. \*

- (1) The revised manuscript and the response letter should be put together by compressing it into a zip file
- (2) Login JKSA through your OJS account
- (3) Find your active manuscript listed under "review" and click it
- (4) Click "In Review" listed under "Status"
- (5) Upload your file through "Upload Author Version" under "Editor Decision"

Please revise this manuscript no more than 3 (three) weeks from now. If within a month you do not revise this manuscript, then your manuscript will be treat as a new submission.

Regards

Dr. Yayuk Astuti  
Chemistry Department, Faculty of Sciences and Mathematics, Diponegoro University  
Jl. Prof. Soedarto, SH., Tembalang, Semarang  
[yayuk.astuti@live.undip.ac.id](mailto:yayuk.astuti@live.undip.ac.id)

Editor comment:

Please cite articles published by JKSA

-----  
-----

Reviewer A:

Ini overall, the manuscript looks good. However there are some issues that need to be clarified by the authors as the following:

1. The novelty claims of the research (self-cleaning properties, wettability, antimicrobial properties and surface morphology of TiO<sub>2</sub>-PDMS coating on glass and ceramic substrates) has no literature support. Reports of the same issues in othe litertures have not been clearly reviewed. There are many reports about self cleaning glass coated with TiO<sub>2</sub> as well as their self cleaning properties that can be used for the comparison but they are not mentionied in the introduction.
2. The coating procedure failed to produce a homogenous spreads of TiO<sub>2</sub>-PMDS on the surface of the substrates, as shown on SEM images of the coated surface. The inhomogenity may affect the coating performance in decomposing methylene blue and makes uncertainty to the decomposition results.
3. Procedure to measure methylene blue degradation must be explain in more detail. Analysis of color degradation of methylene blue must also be reported. Otherwise, it is difficult to justify Figure 1 and 2. Please give more details on the method to make the results confincing.

-----  
-----  
Reviewer B:

- The authors investigate the correlation between wettability and self-cleaning properties sample as well as antimicrobial properties, using TiO<sub>2</sub>-PDMS coating on glass and ceramic substrates. Can the authors explain the novelty of this manuscript, since this topic was so much reported by others such as in Surface and Coatings Technology (2014)16-19.
- The authors used the chemicals of ethanol, isopropyl alcohol, DI water, starch, and potato dextrose agar (PDA) that were purchased from a local chemical store. Can Authors mention the company of the local chemical store?
- The preparation of the coating solution is not clear? For example, 2% PPG was added, how much volume did authors use? TiO<sub>2</sub> (1,2,3% w/w) and PDMS (45,50,55% w/w) solution mixed with the additional 20% and 1% w/w starch and PPG respectively. The reader might not catch this preparation method. The authors should make it clear.
- What kind of glass and ceramic did the authors use in the experiment? is it a commercial product?
- The authors should inform the wavelength of a black light (25 watts)? and also inform the company of this product.
- The authors applied the RGB analysis using Delphi software for color degradation performance. Authors should inform the reference in this method?
- The WCA measurement was conducted in BATAN Laboratory, Indonesia, and SEM analysis was conducted in Chemistry Laboratory at Universitas Negeri Semarang, Indonesia. The authors do not necessarily mention the location of the analysis. The most important thing is spec and company of WCA and SEM, should be informed in the manuscript.
- The SEM image of the sample is less than 100 nm. It is not the exact information. Authors should calculate the crystal size with the Scherrer method from XRD data? And also make the distribution curve (histogram) from SEM object using the ImageJ software, please learn more here: <https://www.youtube.com/watch?v=H7D5R6wVw6A>

---

Jurnal Kimia Sains dan Aplikasi  
<http://ejournal.undip.ac.id/index.php/ksa>

---

**From:** Adi Darmawan  
**Sent:** Wednesday, 28 July 2021 22:11  
**To:** Dessy Ariyanti  
**Subject:** [JKSA] [ID-39276] Revised Version Acknowledgement

Dr. Dessy Ariyanti:

Thank you for submitting the revision of manuscript, "TiO<sub>2</sub>-PDMS Super Hydrophilic Coating with Self-Cleaning and Antimicrobial Properties" to Jurnal Kimia Sains dan Aplikasi. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Manuscript URL: <https://ejournal.undip.ac.id/index.php/ksa/author/submission/39276>  
Username: dessyundip  
Editor: Yayuk Astuti

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Adi Darmawan  
Jurnal Kimia Sains dan Aplikasi

---

Jurnal Kimia Sains dan Aplikasi  
<http://ejournal.undip.ac.id/index.php/ksa>

---

**From:** Dr. Yayuk Astuti  
**Sent:** Thursday, 26 August 2021 22:53  
**To:** Dessy Ariyanti  
**Cc:** Afiatin Afiatin; Pury Diana Shintawati; Aprilina Purbasari  
**Subject:** [JKSA] [ID-39276] - Editor Decision - your submission is accepted

Dear Dr. Dessy Ariyanti

We have reached a decision regarding your submission to Jurnal Kimia Sains dan Aplikasi, "TiO<sub>2</sub>-PDMS Super Hydrophilic Coating with Self-Cleaning and Antimicrobial Properties".

Our decision is to accept your submission. Congratulations

We are pleased to inform you that Jurnal Kimia Sains dan Aplikasi would like to publish your manuscript in our next issue. Before this manuscript proceeds to the layouting process, please pay attention to the following:

- Send a signed Copyright transfer agreement. You can download the Copyright transfer agreement in the Copyright notice section. Please fill in handwriting and sign and then scan and email us (email: [jksa@live.undip.ac.id](mailto:jksa@live.undip.ac.id)).
- Send a graphical abstract
- Edit your manuscript. Please include all of the edits outlined in the attached file.
- Optionally, send the supplementary files (if requested), including research instrument/materials, data analysis, data sets, and source text.
- Complete the metadata including ALL authors' names, affiliations, ORCID URLs, Google scholar URLs, and countries, article title, abstract, keywords, and references.

In accordance to the Journal policy, you are required to immediately pay the publication fee of Rp 1.000,000 by transfer to the following bank account:

Bank name: PT. BANK NEGARA INDONESIA (PERSERO) TBK

SWIFT Code: BNINIDJAUDS

Account number: 423759081

Account holder: Adi Darmawan

Bank Address: BNI Undip Branch, Semarang, Indonesia

Please send the proof of remittance by email to the editorial office of Jurnal Kimia Sains dan Aplikasi (email: [jksa@live.undip.ac.id](mailto:jksa@live.undip.ac.id)). JKSA waives the article processing charge for non-Indonesian author. After payment, in few days you will receipt email for the further process, i.e. copy-editing, layout and proofreading.

Once your manuscript is moved to publishing, our production editor will keep you informed of your article's progress in the production process. You may also receive a proof of your manuscript for final review.

Thank you for your valuable contribution to the journal.

Regards

Dr. Yayuk Astuti  
Chemistry Department, Faculty of Sciences and Mathematics, Diponegoro University



Jl. Prof. Soedarto, SH., Tembalang, Semarang  
yayuk.astuti@live.undip.ac.id

---

Jurnal Kimia Sains dan Aplikasi  
<http://ejournal.undip.ac.id/index.php/ksa>

---

**From:** Dr. Yayuk Astuti  
**Sent:** Thursday, 26 August 2021 22:53  
**To:** Dessy Ariyanti  
**Cc:** Afiatin Afiatin; Pury Diana Shintawati; Aprilina Purbasari  
**Subject:** [JKSA] [ID-39276] - Editor Decision - your submission is accepted

Dear Dr. Dessy Ariyanti

We have reached a decision regarding your submission to Jurnal Kimia Sains dan Aplikasi, "TiO<sub>2</sub>-PDMS Super Hydrophilic Coating with Self-Cleaning and Antimicrobial Properties".

Our decision is to accept your submission. Congratulations

We are pleased to inform you that Jurnal Kimia Sains dan Aplikasi would like to publish your manuscript in our next issue. Before this manuscript proceeds to the layouting process, please pay attention to the following:

- Send a signed Copyright transfer agreement. You can download the Copyright transfer agreement in the Copyright notice section. Please fill in handwriting and sign and then scan and email us (email: [jksa@live.undip.ac.id](mailto:jksa@live.undip.ac.id)).
- Send a graphical abstract
- Edit your manuscript. Please include all of the edits outlined in the attached file.
- Optionally, send the supplementary files (if requested), including research instrument/materials, data analysis, data sets, and source text.
- Complete the metadata including ALL authors' names, affiliations, ORCID URLs, Google scholar URLs, and countries, article title, abstract, keywords, and references.

In accordance to the Journal policy, you are required to immediately pay the publication fee of Rp 1.000,000 by transfer to the following bank account:

Bank name: PT. BANK NEGARA INDONESIA (PERSERO) TBK

SWIFT Code: BNINIDJAUDS

Account number: 423759081

Account holder: Adi Darmawan

Bank Address: BNI Undip Branch, Semarang, Indonesia

Please send the proof of remittance by email to the editorial office of Jurnal Kimia Sains dan Aplikasi (email: [jksa@live.undip.ac.id](mailto:jksa@live.undip.ac.id)). JKSA waives the article processing charge for non-Indonesian author. After payment, in few days you will receipt email for the further process, i.e. copy-editing, layout and proofreading.

Once your manuscript is moved to publishing, our production editor will keep you informed of your article's progress in the production process. You may also receive a proof of your manuscript for final review.

Thank you for your valuable contribution to the journal.

Regards

Dr. Yayuk Astuti  
Chemistry Department, Faculty of Sciences and Mathematics, Diponegoro University

Jl. Prof. Soedarto, SH., Tembalang, Semarang  
yayuk.astuti@live.undip.ac.id

---

Jurnal Kimia Sains dan Aplikasi  
<http://ejournal.undip.ac.id/index.php/ksa>