



e-ISSN : 2487-795X
p-ISSN : 2460-2582

Jurnal Penelitian Pendidikan IPA

JPPIPA



BUKTI KORESPONDENSI

Judul Artikel : Development of Virtual Reality Laboratory Integrated with Artificial Intelligence for Acid-Base Titration Practicum

Nama Jurnal : Jurnal Penelitian Pendidikan IPA (Sinta 2)

Nama Penulis : Nova Irawati Simatupang, Elferida S., Leony SL Purba, Neli H.,
Adi Nugroho

1. Bukti Submit Artikel

The screenshot shows the submission dashboard for Jurnal Penelitian Pendidikan IPA. The top navigation bar includes a 'Back to Submissions' link. The main content area displays the submission workflow, with tabs for 'Submission', 'Review', 'Copyediting', and 'Production'. The 'Submission' tab is active, showing a list of submission files. The first file is 'JPPIPA_YR laboratory with AI_Nova Simatupang et al.pdf', submitted on June 4, 2025, with an 'Article Text' status. A 'Download All Files' button is visible. Below the files, there is a 'Pre-Review Discussions' section with a table showing a comment from 'novasimatupang_20' on June 4, 2025, at 04:55 AM. The comment is titled 'Comments for the Editor'.

The screenshot shows an email titled '[JPPIPA] Submission Acknowledgement' from Prof. Aris Doyan, M.Si., Ph.D. to Nova Irawati Simatupang. The email content includes a thank you message for submitting the manuscript, the manuscript URL (<https://jppipa.unram.ac.id/index.php/jppipa/authorDashboard/submission/11587>), and the username 'novasimatupang_20'. The email also provides contact information for Prof. Aris Doyan and the journal name 'Jurnal Penelitian Pendidikan IPA (JPPIPA)'. The email is dated 'Rab 04/06/2025 04.10'.

2. Bukti Catatan Koreksi dari Reviewer

The screenshot shows a web interface for Jurnal Penelitian Pendidikan IPA (JPPIPA). A notification window titled "[JPPIPA] Editor Decision" is open, displaying the following text:

Nova Irawati Simatupang:

We have reached a decision regarding your submission to Jurnal Penelitian Pendidikan IPA, "D Development of Virtual Reality Laboratory Integrated with Artificial Intelligence for Acid-Base Titration Practicum".

Our decision is: Revisions Required

Jurnal Penelitian Pendidikan IPA (JPPIPA)

Below the notification, a table shows the submission workflow:

Workflow	Submission	Round 1	Round 2
Submitted	Submitted	Submitted	Submitted

Below the workflow, a table shows the reviewer's attachments:

Attachment	File Name	Size	Date
67455	Review_11587.docx	3 MB	August 5, 2025

Below the attachments, a table shows the revisions:

Revisions	File Name	Size	Date
67674	Artikel Review_11587; Revisi.docx	3 MB	August 9, 2025

Below the revisions, a table shows the review discussions:

Review Discussions	File Name	Size	Date

The screenshot shows an email from the JPPIPA Editor Decision and the manuscript page. The email is addressed to Nova Irawati Simatupang and contains the following text:

Nova Irawati Simatupang:

We have reached a decision regarding your submission to Jurnal Penelitian Pendidikan IPA, "D Development of Virtual Reality Laboratory Integrated with Artificial Intelligence for Acid-Base Titration Practicum".

Our decision is: Revisions Required

Jurnal Penelitian Pendidikan IPA (JPPIPA)

The manuscript page shows the title "Development of Virtual Reality Laboratory Integrated with Artificial Intelligence for Acid-Base Titration Practicum" and the authors "Nova Irawati Simatupang¹, Elferida Sornin², Leony Sanga Lamsari Purba³, Nelius Harfa⁴, Adi Nugroho⁵". The abstract and introduction are visible, along with the reviewer's comments and the editor's decision.

3. Bukti Respon Penulis terkait Catatan Reviewer

Jurnal Penelitian Pendidikan IPA

Back to Submissions

SubmissionReviewCopyeditingProduction

Round 1

Round 1 Status

Submission accepted.

Notifications

[JPPIPA] Editor Decision

2025-08-05 09:33 AM

[JPPIPA] Editor Decision

2025-08-20 08:45 AM

Reviewer's Attachments

67455

Review_11587.docx

August 5, 2025

Revisions

67674

Artikel Review_11587; Revisi.docx


August 9, 2025

Article Text

Review Discussions

Add discussion

Name	From	Last Reply	Replies	Closed




JPPIPA 11(6) (2025)

Jurnal Penelitian Pendidikan IPA

Journal of Research in Science Education

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Development of Virtual Reality Laboratory Integrated with Artificial Intelligence for Acid–Base Titration Practicum

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²School of Business and Economics, Universitas Prasetya Mulya, Jakarta, Indonesia.

Received:

Revised:

Accepted:

Published:

Corresponding Author:

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DOI:

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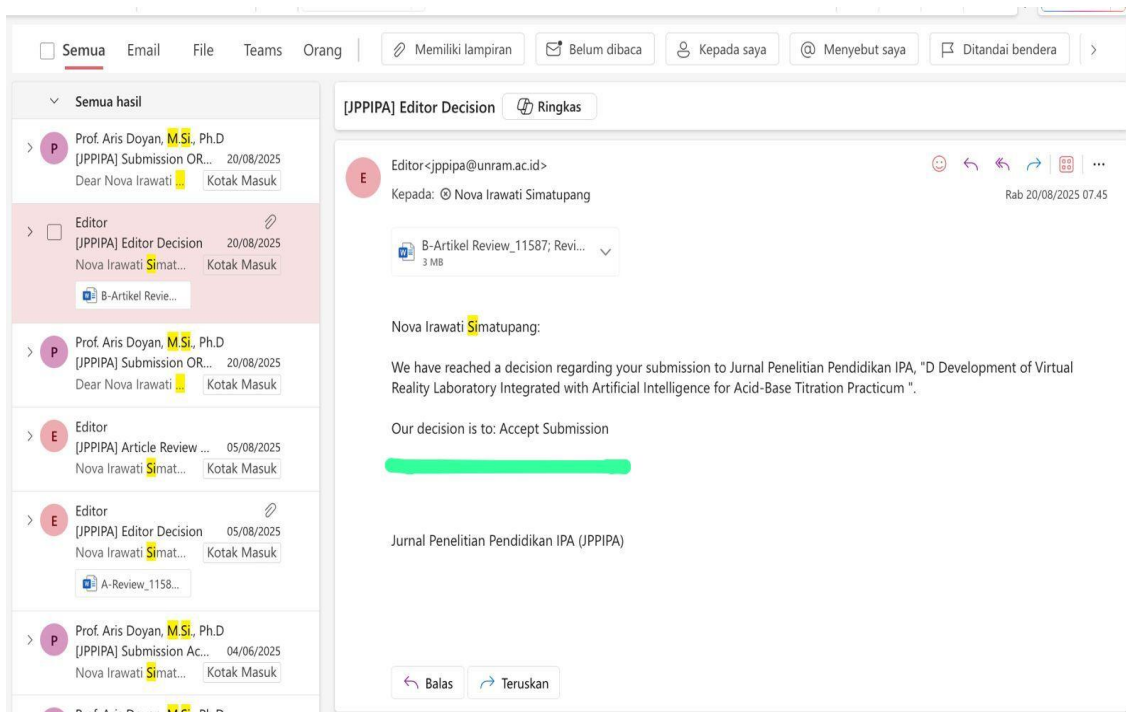
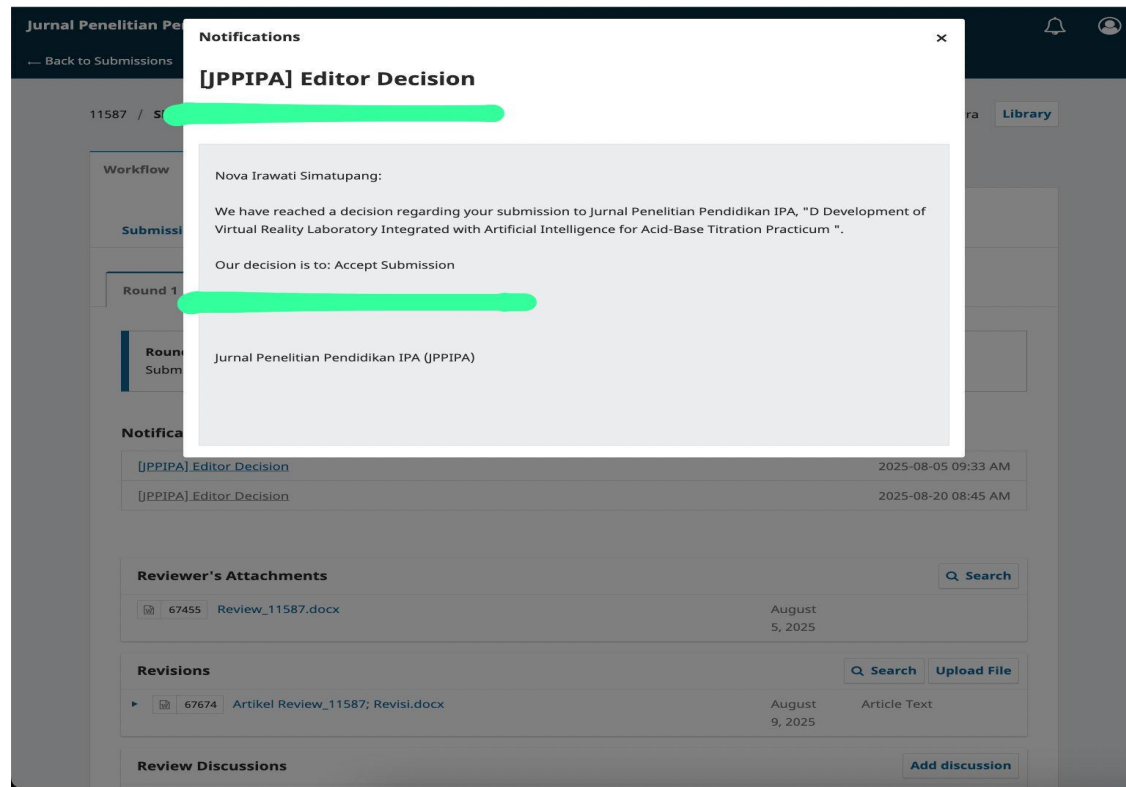


Abstract: The development of technology-based learning platforms and media has been widely carried out; however, most of efforts primarily focus on increasing student interest, while less attention is given to enhancing skills and scientific thinking processes. The purpose of this research was to develop a technology – based learning media, namely a Virtual Reality (VR) laboratory integrated with Artificial Intelligence (AI) to support students' scientific thinking skills and processes. The AI – integrated VR laboratory was specifically developed for the implementation of acid–base titration practicums. The research followed the ADDIE development model. During the implementation phase, the product was tested on 31 students from Chemistry Education Study Program at UKI, selected using a random sampling technique. Data collection, particularly for product evaluation, was conducted using a non–test instrument in the form of a Likert scale questionnaire. The instrument consisted of indicators of usefulness, efficiency, and interest which were share via Google Form link. Before being distributed to student, the instrument has been validated by an expert validator with a background in chemistry learning media. The results of the analysis indicated that the AI–integrated VR laboratory received positive response from students with a percentage level of 80.79% for the usefulness

How to Cite:

Example: Susilawati, S., Doyan, A., Mulyadi, L., & Hakim, S. (2019). Growth of tin oxide thin film by aluminum and fluorine doping using spin coating Sol–Gel techniques. *Jurnal Penelitian Pendidikan IPA*, 7(1), 1–4. <https://doi.org/10.29303/jppipa.v1i1.264>


4. Bukti Diterima




5. Bukti Publikasi: [10.29303/jppipa.v11i7.11587](https://doi.org/10.29303/jppipa.v11i7.11587)

6.

Perkantoran...



 Selamat Datang di...


 Email - Nova Irawati...

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July 2025

Development of Virtual Reality Laboratory Integrated with Artificial Intelligence for Acid-Base Titration Practicum

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DOI: 10.29303/jppipa.v11i7.11587

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PDF

Abstract

References

Author Biographies

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Abstract

The development of technology-based learning platforms and media has been widely carried out; however, most of efforts primarily focus on increasing student interest, while less attention is given to enhancing skills and scientific thinking processes. The purpose of this research was to develop a technology – based learning media, namely a Virtual Reality (VR) laboratory integrated with Artificial Intelligence (AI) to support students' scientific thinking skills and processes. The AI -

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