

**SELF EVALUATION FORM OF MANUSCRIPT IN
 JURNAL PENELITIAN FISIKA DAN APLIKASINYA (JPFA)**

MANUSCRIPT CODE:

AUTHORS NAME:,, and

MANUSCRIPT TITLE:

Simulation on the Effect of Temperature Inlet and Mass-Flowrate Variations to the Temperature Distribution in Single Pelet Thermal Reactor Core Title

FOCUS AND SCOPE OF THE MACUSCRIPT:

- | | |
|--|---|
| <input type="checkbox"/> Physics Education | <input checked="" type="checkbox"/> Theoretical and Computational Physics |
| <input type="checkbox"/> Instrumentation Physics and Measurement | <input type="checkbox"/> Earth Sciences |
| <input type="checkbox"/> Materials Science | <input type="checkbox"/> Other, |

A. GENERAL SELF EVALUATION OF THE MANUSCRIPT

List	Review	Criteria	
		Yes	No
1	Grammatical Review Is the English used good and understandable enough for the reviewers?	√	
2	Title Does the title reflect the contents of the writing, be specific, effective, straightforward, and informative?	√	
3	Authorship Does the Authors write all the required information (full name, affiliation, address, email, and corresponding author)?	√	
4	Abstract Does the abstract contain short introduction (1-2 sentendces), research objectives, brief methods, research findings, and conclusions ?	√	
5	Keywords and PACS Does the keyword and PACS code reflect the topic of the manuscript?	√	
6	Introduction Does the introduction contain state of the art, gap analysis, and research objectives ?	√	
7	Method Is the Research Method clear, detailed, and reproducible for other researchers?	√	
8	Results and Discussion Have the results summarized the research findings ?	√	
9	Results and Discussion Does the discussion answer the research questions, interpret the results of the study, compare the results of the research with other relevant research, construct new theories, and/or modify previous theories ?	√	
10	Results and Discussion Does the discussion explain the research limitations for further improvement/research?	√	
11	Results and Discussion Have the implications of the research finding been written in the last paragraph of discussion?	√	
12	Conclusion Does the conclusion answer the research objective/research question? Have the conclusions been concise and clear ?	√	

List	Review	Criteria	
		Yes	No
13	Acknowledgement* Does the author write the research funding and contract number in the acknowledgement?	√	
14	Figures and Tables* Does the presentation of pictures, graphs, diagrams, equations, and/or tables informative, complementary (cited and discussed in the text), and in high resolution (at least 300 dpi)??	√	
15	Number of Pages Does the number of pages of the manuscript comply with JPFA's Author Guidelines? (6-15 pages)	√	
16	Primary References A minimal of 30 references, with 80 % of references come from primary sources	√	
17	Updated References A minimal of 30 references, with 80 % up-to-dated references (less than 10 years)	√	
18	Supplementary Files Have the authors attached "Statement of Manuscript Authenticity" and "Statement of Open Access"?	√	

Please make sure all of the items marked "Yes"

*Optional, if any

B. HIGHLIGHTS OF THE MANUSCRIPT

State the research highlights/finding/novelty:

1. Temperature distribution based on massflow rate variation
2. Temperature distribution based on input temperature variation

C. PEER REVIEWER CANDIDATES

Please suggest domestic and international Reviewer candidates (except from JPFA's Peer Reviewer list).

1. **Domestic Reviewer Candidates** (2-4 reviewer candidates)

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D. NON-PREFERRED REVIEWERS (OPTIONAL)

Maximum 5 researchers with reasonable explanation, you can skip this part

- a. Name :
- Institution :
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- Scopus ID :
- Explanation :

Note: Editor is not obligated to use any reviewer candidates suggested by Authors.

City ...Banda Aceh, Signed date 27 agustus 2020..... ,

 First/Corresponding Author



(.....Elin Yusibani.....)