

[IJAME] Article Review Request

Salwani Mohd Salleh <ijame2@ump.edu.my> To: Dr Masturi <masturi@mail.unnes.ac.id> Thu, Sep 10, 2020 at 11:19 AM

Dear Dr. Dr Masturi,

The above-referenced manuscript is under consideration for publication in International Journal of Automotive and Mechanical Engineering (IJAME). IJAME is indexed by Scopus and Emerging Source Citation Index (Clarivate Analytics).

I believe that you would serve as an excellent reviewer of the manuscript, "Effect of Milling Times and Annealing on The Physical Properties of Ba0.6Sr0.4TiO3 Prepared by Conventional Solid-State Reaction Process," which has been submitted to International Journal of Automotive and Mechanical Engineering. The submission's abstract is inserted below, and I hope that you will consider undertaking this important task for us.

Please log into IJAME website by 2020-09-17 to indicate whether you will undertake the review or not, as well as to access the submission and to record your review and recommendation. We would be grateful if you could number the points for which a response is required from the authors. The website is https://journal.ump.edu.my/ijame

IJAME will award a certificate (upon request) once the reviewing form is returned within the dateline. Optionally, you could also add your review in Publons. The review is due on 2020-09-24.

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Submission URL: https://journal.ump.edu.my/ijame/reviewer/submission?submissionId=4962

Thank you for considering this request.

Kind regards, Salwani Mohd Salleh ijame2@ump.edu.my

Abstract:

Synthesis of $Ba_{0.6}Sr_{0.4}TiO_3$ was prepared via a conventional solid-state reaction process of $BaCO_3$, $SrCO_3$ and TiO_2 precursors. The effect of milling times on the physical properties (particle and crystallite size) of $Ba_{0.6}Sr_{0.4}TiO_3$ powder is investigated. The size of the powder particle is determined using the particle-size analyzer (PSA). The X-ray diffraction method is used for qualitative and quantitative phases analyzation as well as crystallite-size determination. The average particle size of the powder initially increased due to the laminated layers formation which then decreased to an asymptotic value of 0.4 μ m at 58 h. The crystallite-size of $Ba_{0.6}Sr_{0.4}TiO_3$ was sintered at 1100°C for 1 h the holding time is 43 nm. The crystallite-size of barium-strontium titanate phase is dependent on the temperature and time of their sintering.

International Journal of Automotive and Mechanical Engineering (IJAME)

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[IJAME] Article Review Acknowledgement

Salwani Mohd Salleh <ijame2@ump.edu.my> To: Dr Masturi <masturi@mail.unnes.ac.id> Tue, Sep 22, 2020 at 11:12 AM

Dear Dr. Dr Masturi,

Thank you for completing the review of the submission, "Effect of Milling Times and Annealing on The Physical Properties of Ba0.6Sr0.4TiO3 Prepared by Conventional Solid-State Reaction Process," for International Journal of Automotive and Mechanical Engineering. On behalf of IJAME Editors, I greatly appreciate your expertise and voluntary contribution to the journal.

We hope that you will consider IJAME as a potential journal for your own publication in the future.

Kind regards, Salwani Mohd Salleh ijame2@ump.edu.my

International Journal of Automotive and Mechanical Engineering (IJAME) http://journal.ump.edu.my/ijame

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