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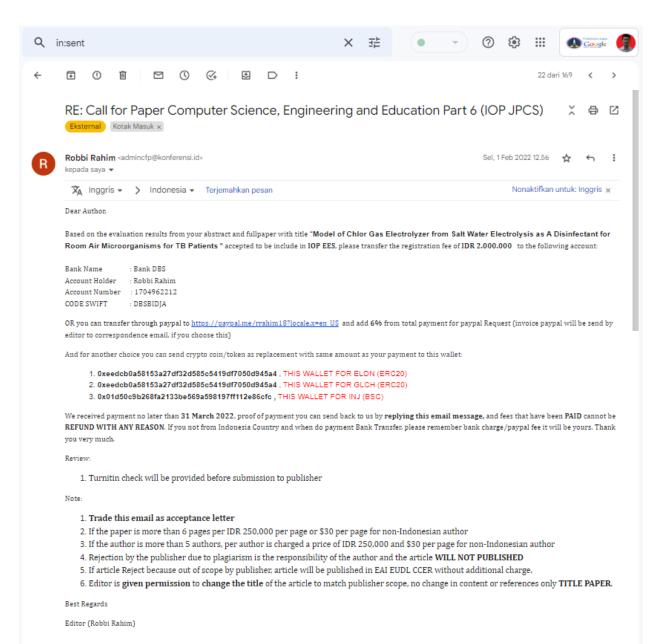
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Thank you for sending the paper, the paper that you send will be reviewed by at least 3 reviewers and the results will be emailed to you whether to Accept or Reject, Thank you

Call for Paper Com Part 7	puter Science, Physics, and Engineering
Paper Title	Natural Limestone as A Medium for Absorbing Acid Gas Contaminants in The Use of Portable Fume Hood
Author Name	Choirul Amri, Sardjito Eko Windarso, Yamtana Yamtana, M. Mirza Fauzie, Herman Santjaka
Affiliation	Poltekkes Kemenkes Yogyakarta Indonesia
Email	choirul.amri@poltekkesjogja.ac.id
Abstract	A portable fumehood with a filter housing has been developed in recent years. When the fumehood is employed, an appropriate chemical pollutant absorbent media is fitted inside the filter housing. When using a fume hood to prepare strong acid compounds, acidio gas, vapor, or aerosol pollutants are released. The use of natural limestone as a medium for absorbing acid pollution is described in this article. This study made use of natural limestone from Gunungkidul, Yogyakarta, Indonesia. The limestone has a specific gravity of 1.55 kg/liter, an internal porosity of 18.7%, an exterior porosity (between particles) of 51.1%, a particle size of 0.5-1.0 cm, and an alkalinity of 0.51 mmolig. For 2049 minutes, the application of limestone can successfully absorb acid gas contaminant by an average of 98.01%.
Full Paper	Natural Limestone-acid-full paper- IOP.docx
Full Paper	Turnitin-Natural Limestone as A Medium for Absorbing Acid Gas Contaminants in The Use of Portable Fume Hood.pdf

Robbi Rahim

Editor



Sent: Monday, January 31, 2022 9:10 AM

To: admincfp@konferensi.id

Subject: Re: Call for Paper Computer Science, Engineering and Education Part 6 (IOP JPCS)

Call for Paper Com	puter Science, Engineering and Education Part 6
(IOP JPCS)	,
Paper Title	Model of Chlor Gas Electrolyzer from Salt Water Electrolysis as A Disinfectant for Room Air Microorganisms for TB Patients
Author Name	Sri Puji Ganefati, Narto Narto, Yamtana Yamtana, Choirul Amri
Affiliation	Department of Environmental Health, Poltekkes Kemenkes Yogyakarta, Indonesia
Email	choirul.amri@poltekkesjogja.ac.id
Abstract	Based on the laboratory test in book two, the results obtained: there is an effect of disinfecting the room air using Chlor gas from the electrolysis of saltwater on the decrease in the number of germs in the room air. The results of laboratory tests for room air disinfection using Chlor gas from the electrolysis of salt water or NaCl on exposure within 10 minutes, the content of Chlor gas is 0.0216 ppm and meets the quality standard. The number of airborne germs measured does not exceed 700 colonies/m3 of air. Until now, the electrolysis model with its variations has not been found to reduce airborne bacteria in TB patients with TB. The purpose of this study was to determine the effect of various electrolysis models on the reduction of indoor air bacteria in TB patients. This study uses an experimental type with pre-test and post-test designs. The independent variables in this study were various models of electrolysis and the dependent variable was the decrease in airborne bacteria in the TB patient room. All TB patients in the working area of Puskesmas throughout Yogyakarta as many as 83 Puskesmas became a population in this study. Meanwhile, all TB patients in the working area of Gamping II Public Health Center, Sleman, were the samples in this study. This study shows that there is an effect of room disinfection with the Electrolysis method on the reduction of room bacteria (P = 0.000), and the Electrolysis model one is the tool that reduces bacteria the most, which is 51.0 x 10-5 CFU/m3 (60.5%). The results of the study are recommended to be tested for acceptance of the Electrolysis I, II, and III models by the public.
File	Naskah Prosiding-Cl2-TB.docx





We send proof of payment for IOP EES with the title "Model of Chlor Gas Electrolyzer from Salt Water Electrolysis as A Disinfectant for Room Air Microorganisms for TB Patients"

Thank You Choirul Amri

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