



Sigit Priatmoko <sigitwarsono65@mail.unnes.ac.id>

Fwd: Urgent! Paper evaluation - Cellulose. Chem. Technol.

1 message

DANTE ALIGHIRI <dante_alighiri@mail.unnes.ac.id>

Fri, Jun 7, 2024 at 2:04 PM

To: sigitwarsono65@mail.unnes.ac.id

FYI

Best regards,

Dante Alighiri
Assistant Professor
Chemistry Department
Faculty of Mathematics and Natural Sciences
Universitas Negeri Semarang, Indonesia

Office Address:

Gedung D6 Lantai 2 Kampus Sekaran, Gunungpati Semarang,

Central Java, Indonesia 50229

Phone no. (+62)87-8700-75192

E-mail: alighiri.dante@gmail.com

dante_alighiri@mail.unnes.ac.id

----- Forwarded message -----

From: **Lilia Daringa** <lilia_dani@yahoo.com>

Date: Tue, Mar 12, 2024 at 7:01 PM

Subject: Urgent! Paper evaluation - Cellulose. Chem. Technol.

To: dante_alighiri@mail.unnes.ac.id <dante_alighiri@mail.unnes.ac.id>

Dear Sir,

Your manuscript ID 2994 (Coagulant Preparation of Durian Skin Cellulose-Crosslinked Glutaraldehyde for Wastewater Treatment of Sugar Palm Starch Industries) has been accepted.

There is one thing that needs to be done before publication:

Please edit the references in the final list carefully according to the Guide to Authors, with the addition of DOI in the format (<https://doi.org/>) for all the references.

Also note that refs. 27-32 need to be translated into English.

Please send the edited list of references to my email address urgently.

Thank you.

Best regards,

Lilia Daringa, Ph.D.
Editorial Secretary

Cellulose Chemistry and Technology

"Petru Poni" Institute of Macromolecular Chemistry - The Romanian Academy
41A, Gr. Ghica Voda Alley

700487 Iasi, Romania

DISCLAIMER

This email may contain confidential or copyrighted information of UNNES. If you are not the intended recipient, please do not use or share this email. If received in error, please notify the sender and delete it. Check for viruses; UNNES is not liable for virus-related damages.



Sigit Priatmoko <sigitwarsono65@mail.unnes.ac.id>

Fwd: Paper Final Status Cellulose Chemistry and Technology

1 message

DANTE ALIGHIRI <dante_alighiri@mail.unnes.ac.id>

Fri, Jun 7, 2024 at 2:03 PM

To: sigitwarsono65@mail.unnes.ac.id

FYI

Best regards,

Dante Alighiri
Assistant Professor
Chemistry Department
Faculty of Mathematics and Natural Sciences
Universitas Negeri Semarang, Indonesia

Office Address:

Gedung D6 Lantai 2 Kampus Sekaran, Gunungpati Semarang,

Central Java, Indonesia 50229

Phone no. (+62)87-8700-75192

E-mail: alighiri.dante@gmail.com

dante_alighiri@mail.unnes.ac.id

----- Forwarded message -----

From: **Cellulose Chemistry and Technology - Validated paper** <cct@icmpp.ro>

Date: Tue, Mar 12, 2024 at 5:30 PM

Subject: Paper Final Status Cellulose Chemistry and Technology

To: Cellulose Chemistry and Technology - Validated paper <dante_alighiri@mail.unnes.ac.id>

Cellulose Chemistry and Technology - Validated paper!

Dear Mr. Dante Alighiri,

From Cellulose Chemistry and Technology:

Date: 12-03-2024

Congratulations !

Your paper has been accepted for publication.

Paper Details

Paper id: 2994

Submission Date: 2024-01-22 16:50:00

Title: Coagulant Preparation of Durian Skin Cellulose-Crosslinked Glutaraldehyde for Wastewater Treatment of Sugar Palm Starch Industries

Abstract: *Arenga pinnata* starch (APS) production from APS industries in Klaten, Indonesia, produces *Arenga pinnata* starch mill effluent (APSME). This waste will undoubtedly harm the environment, significantly reducing river water quality. On the other hand, in Gunungpati, Semarang, Indonesia, durian fruit is abundant, leaves durian skin waste, and causes environmental pollution. Even though durian skin contains cellulose, which has the potential to be used as a coagulant, therefore, this study evaluated the preparation of natural coagulant from durian skin cellulose crosslinked with glutaraldehyde for treating APSME from APS industries in Klaten, Indonesia. Durian skin flour (DSF), durian skin cellulose (DSC), and durian skin cellulose crosslinked glutaraldehyde (DSC-G) coagulants were characterized by proximate composition, UV-Vis Spectrophotometer, Fourier-Transform Infrared (FTIR), and Scanning Electron Microscope (SEM). The effects of coagulant dose, pH, and mixing speed on removal efficiency and sludge volume in DSF, DSC, and DSC-G were compared with poly aluminum chloride (PAC). The study assessed the process efficiency in terms of percentage removals for chemical oxygen demand (COD), biological oxygen demand (BOD₅), total dissolved solids (TDS), and total suspended solids (TSS) as 71.38%, 78.23%, 94.79%, and 96.12%, respectively, with a percentage sludge volume of 24%. The results indicated that the optimum DSC-G dosage was 2500 mg/L with an optimum working area of pH at 5.5 and a mixing speed of 90 rpm. DCS-G has floc stability of -12.33 mV. This study indicated that DSC-G has the potential to be used as a coagulant for the treatment of APSME.

Cellulose Chemistry and Technology Member Services,

© 2024 Cellulose Chemistry and Technology.

Cellulose Chemistry and Technology,
Cellulose Chemistry and Technology - Validated paper!

Contact: lilia_dani@yahoo.com

Technical Issues: admin@icmpp.ro

Cellulose Chemistry And Technology

DISCLAIMER

This email may contain confidential or copyrighted information of UNNES. If you are not the intended recipient, please do not use or share this email. If received in error, please notify the sender and delete it. Check for viruses; UNNES is not liable for virus-related damages.

Sigit Priatmoko <sigitwarsono65@mail.unnes.ac.id>

Fwd: Paper Review Status Cellulose Chemistry and Technology

1 message

DANTE ALIGHIRI <dante_alighiri@mail.unnes.ac.id>

Fri, Jun 7, 2024 at 2:03 PM

To: sigitwarsono65@mail.unnes.ac.id

FYi

Best regards,

Dante Alighiri
Assistant Professor
Chemistry Department
Faculty of Mathematics and Natural Sciences
Universitas Negeri Semarang, Indonesia

Office Address:

Gedung D6 Lantai 2 Kampus Sekaran, Gunungpati Semarang,

Central Java, Indonesia 50229

Phone no. (+62)87-8700-75192

E-mail: alighiri.dante@gmail.comdante_alighiri@mail.unnes.ac.id

----- Forwarded message -----

From: **Cellulose Chemistry and Technology - Validated reviews** <cct@icmpp.ro>

Date: Tue, Jan 16, 2024 at 7:29 PM

Subject: Paper Review Status Cellulose Chemistry and Technology

To: Cellulose Chemistry and Technology - Validated reviews <dante_alighiri@mail.unnes.ac.id>

Cellulose Chemistry and Technology - Validated reviews!

Dear Mr. Dante Alighiri,

From Cellulose Chemistry and Technology:

Date: 16-01-2024

Your paper has received reviews.

If applicable, please make the required corrections and upload a marked

(highlighting all the changes with a different colour) and an unmarked copy of the

final paper.

Cellulose Chemistry and Technology Member Services,

© 2024 Cellulose Chemistry and Technology.

Cellulose Chemistry and Technology,
Cellulose Chemistry and Technology - Validated reviews!

Contact: lilia_dani@yahoo.com

Technical Issues: admin@icmpp.ro

Cellulose Chemistry And Technology

DISCLAIMER

This email may contain confidential or copyrighted information of UNNES. If you are not the intended recipient, please do not use or share this email. If received in error, please notify the sender and delete it. Check for viruses; UNNES is not liable for virus-related damages.
