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### THE 2ND INTERNATIONAL SYMPOSIUM OF INDONESIAN CHEMICAL ENGINEERING 2021: Enhancing Innovations and Applications of Chemical Engineering for Accelerating Sustainable Development Goals

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- 2279 (2020)  **Cellulose acetate - Based mixed matrix membrane for methylene blue wastewater treatment**
- Putu Doddy Sutrisna, Ronaldo Pangestu Hadi, Candra Wijaya, Jessy Liliani and Christopher Robby
- 2278 (2020)  AIP Conference Proceedings **2667**, 040013 (2023); <https://doi.org/10.1063/5.0112184>
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- Vinalia Agustiani, Aufa Rasendriya, Lailatul Khoiriyah

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| 2254 (2020)  | ▼ | <b>Purification technology of<br/>fermented bioethanol using<br/>reflux system distillation</b>  |
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| 2258 (2020)  | ▼ | <b>The effect of solid waste clay<br/>bath pre-treatment on<br/>characteristic of CaCO<sub>3</sub><br/>product</b>                           |
| 2253 (2020)  | ▼ |  |
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AIP Conference Proceedings **2667**, 040016 (2023);  
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2249 (2020)



2248 (2020)



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## ADVANCED AND SMART MATERIAL DEVELOPMENT

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2247 (2020)



2245 (2020)



2244 (2020)



 Full . February 2023

2241 (2020)



### Study of doping Sn atom in silicene nanoribbons in the presence of an external electric field

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Hoang Van Ngoc

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2224 (2020)



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2240 (2020)



2239 (2020)




 Full . February 2023

2236 (2020)






### Utilization of fly ash as granular adsorbent material for removal of naphthol dyes

2234 (2020)


 2238 (2020)

Aprilina Purbasari, Purwanto Purwanto, Bambang

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| 2227 (2020)  | ▼ | Pramudono, Slamet Priyanto and Evi Fitriani   |
| 2219 (2020)  | ▼ | AIP Conference Proceedings <b>2667</b> , 050002 (2023);<br><a href="https://doi.org/10.1063/5.0112271">https://doi.org/10.1063/5.0112271</a>                              |
| 2235 (2020)  | ▼ | SHOW ABSTRACT   |
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| 2232 (2020)  | ▼ | <b>Pristine and modified<br/>graphene oxide utilization for<br/>organic pollutants removal</b>  |
| 2231 (2020)  | ▼ | Dessy Ariyanti, Dina Lesdantina and Aprilina<br>Purbasari   |
| 2229 (2020)  | ▼ | AIP Conference Proceedings <b>2667</b> , 050003 (2023);<br><a href="https://doi.org/10.1063/5.0112202">https://doi.org/10.1063/5.0112202</a>                              |
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| 2217 (2020)  | ▼ |  Full . February 2023  |
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| 2216 (2020)  | ▼ |   |
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2211 (2020)  AIP Conference Proceedings **2667**, 050004 (2023);  
<https://doi.org/10.1063/5.0129789>


2225 (2020) 

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2218 (2020) 


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2214 (2020) 


**Mechanical properties of natural filling materials for eggshell, rice husk and kenaf in the production of natural rubber latex foam (NRLF) : Review**

2212 (2020) 


2207 (2020) 


2210 (2020) 

Ayuni Yustira, Maulida Lubis, Hafifuddin Arif and Andre Pranata


2208 (2020) 


AIP Conference Proceedings **2667**, 050005 (2023);  
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2204 (2020) 



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2197 (2020) 

**Enhance the surface functionality of sugarcane bagasse and rice husk-based magnetic nanoparticle biocomposites by amine**


2202 (2019) 

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| 2199 (2019)  | ▼ | <b>group</b>   |
| 2198 (2019)  | ▼ | I. F. Nata, C. Irawan, M. D. Putra, H. Wijayanti, Y. S. Dewi and Y. Meliana  |
| 2200 (2019)  | ▼ | AIP Conference Proceedings <b>2667</b> , 050006 (2023);<br><a href="https://doi.org/10.1063/5.0112267">https://doi.org/10.1063/5.0112267</a> |
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| 2191 (2019)  | ▼ | <b>Performance of antimicrobial ZnO nanoparticle synthesized by biological method: Literature review</b>                                     |
| 2188 (2019)  | ▼ | Vita Wonoputri, Jason Wijaya, Vincent Augusta Primayudha, Shafira Khairunnisa and Tjokorde Walmiki Samadhi                                   |
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| 2180 (2019)  | ▼ |  Full . February 2023                                     |
| 2185 (2019)  | ▼ | <b>Decreased levels of FFA (free fatty acid) kemiri Sunan oil with adsorption process using modified Yogyakarta natural</b>                  |
|  (2019) | ▼ |  |

2174 (2019) **zeolite**



Didi Dwi Anggoro, Luqman Buchori, Lutfi Hargita  
Septiawan and Salma Talitha Sani

2184 (2019) 



AIP Conference Proceedings **2667**, 050008 (2023);  
<https://doi.org/10.1063/5.0112332>

2177 (2019) 2179 (2019) 


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 Full . February 2023
2181 (2019) 


## Study of adsorption capacity on textile dyes and heavy metal (Pb<sup>2+</sup>) using modified natural zeolite

2176 (2019) 2175 (2019) 


Didi Dwi Anggoro, Bagas Nur Prayoga, Nabillah  
Salsabiil and Luqman Buchori

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2171 (2019) 2172 (2019) 

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2169 (2019) 2170 (2019) 2168 (2019) 
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