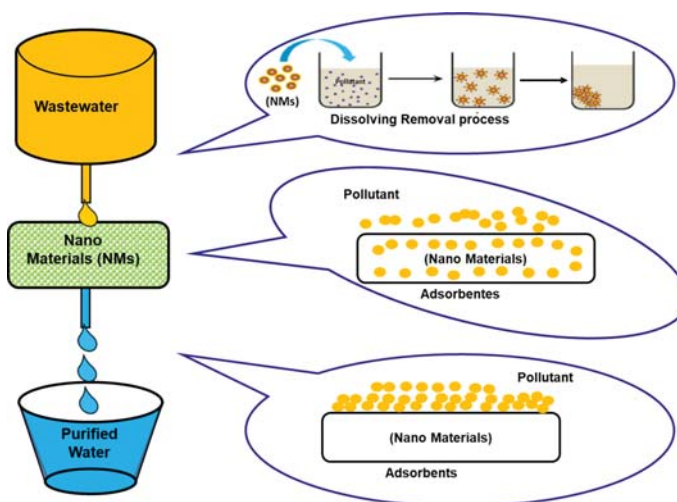


REVIEW ARTICLE

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and Ahmed Esmail Shalan

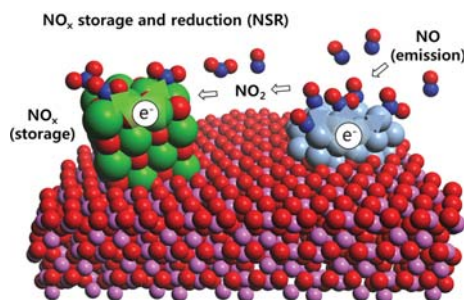


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- Jae Yul Lim, Kyeounghak Kim, 1258 **Density functional theory study of NO_x adsorption on alkaline earth metal oxide and transition metal surfaces**
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- Clinton Manianglung, Rose Mardie Pacia, and Young Soo Ko 1267 **Synergistic effect of blended primary and secondary amines functionalized onto the silica on CO₂ capture performance**

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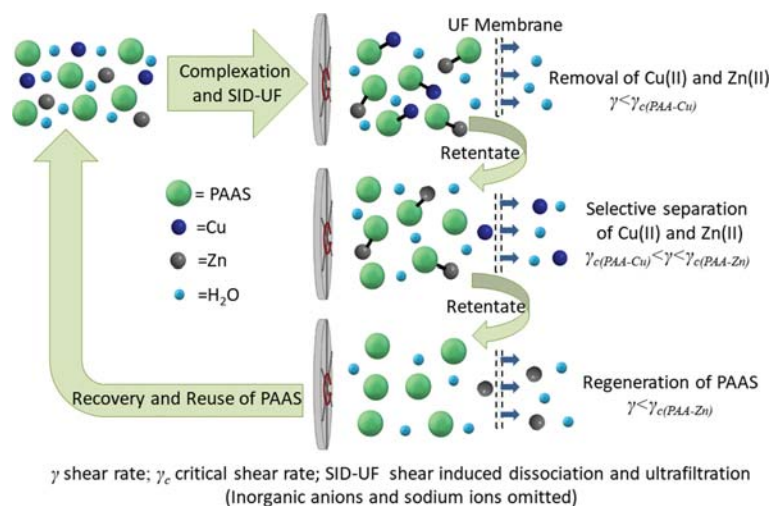
- Guoting Li, Huiyuan Li, Xiao Mi, and Weigao Zhao 1274 **Enhanced adsorption of Orange II on bagasse-derived biochar by direct addition of CTAB**
- Mohamed Abo El-Fetouh Barakat, Rajeev Kumar, Naief Hamoud Al-Makishah, Abdullatif Abdulkader Neamtallah, and Ziad Omar Alafif 1281 **S-rGO/ZnS nanocomposite-mediated photocatalytic pretreatment of dairy wastewater to enhance aerobic digestion**
- Yujin Hwang, Abid Farooq, Sung Hoon Park, Ki Hoon Kim, Myong-Hwa Lee, Seuk Cheun Choi, Min Young Kim, Rae-su Park, and Young-Kwon Park 1291 **NH₃-induced removal of NO_x from a flue gas stream by silent discharge ozone generation in a double reactor system**

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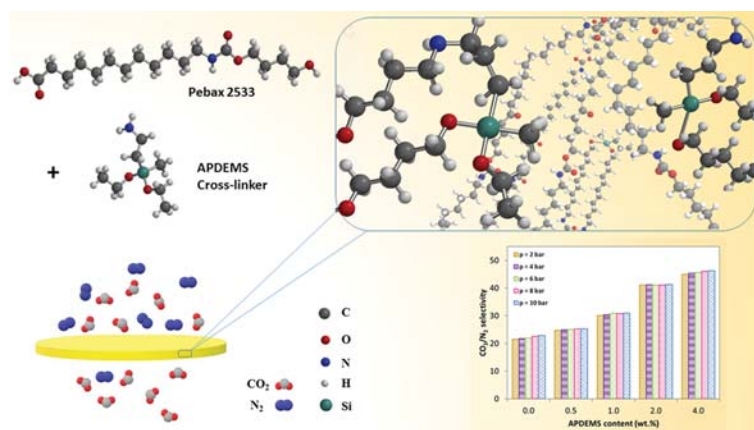
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