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4.References

- Feron P.H.M., et al CO2 Capture Process Principles and Costs [Journal] // Oil & Gas Science and Technology Rev. IFP. 2005. 3 : Vol. 60. pp. 451-459.
- Brady G. S., et al Materials Handbook: An Encyclopedia for Managers, Technical Professionals, Purchasing and Production Managers, Technicians, and Supervisors [Book]. - New York, Chicago, San Francisco, Lisbon, London, Madrid, Mexico, City Milan, New Delhi, San Juan, Seoul, Singapore, Sydney, Toronto : McGraw-Hill, 2002.
- Choi J.H., et al CO2 absorption characteristics of a piperazine derivative with primary, [Journal]. Daejeon, Korea : Korean J. Chem. Eng, 2016. 11 : Vol. 33. pp. 3222-3230.
- Figueroa J D, et al Advances in CO2 capture technology—The U.S. Department of Energy's Carbon Sequestration Program [Journal] // International Journal of Greenhouse Gas Control. - 2008. - Vol. 2. - pp. 9 - 2 0.
- Freund P International collaboration on capture, storage and utilisation of greenhouse gases [Journal] // Waste Manage. 1997. Vol. 17. pp. 281–287.
- Gopito A Design Of 3000 Tons/Day Carbon Dioxide Capture From Flue Gas Using Potassium-Based Dry Regenerable Carbonates Sorbents From Coal Power Stations. [Report]. - Harare : Harare Institute of Technology, 2016.
- Leung D. Y. C., et al An overview of current status of carbon dioxide capture and [Journal] // Renewable and Sustainable Energy Reviews. 2014. Vol. 39. pp. 426–443.
- Mashavakure J Director and Manager [Interview]. June 23, 2016.
- Mikulc'ic' H., et al Numerical modelling of calcination reaction mechanism for cement production [Journal] // Chemical Engineering Science Journal. 2012. Vol. 69. pp. 607–615.
- Mullinger P., et al Industrial and Process Furnaces Principles, Design and Operation [Book]. Amsterdam, Boston, Heidelberg, London, New York, Oxford : Butterworth-Heinemann, an imprint of Elsevier, 2008.
- Stanmore B.R., et al Review—calcination and carbonation of limestone during thermal cycling for CO2 sequestration [Journal] // Fuel Processing Technology Journal. 2005. Vol. 86. pp. 1707–1743.
- Yang H., et al Progress in carbon dioxide separation and capture: A review [Journal] // Journal of Environmental Sciences. 2008. Vol. 20. pp. 14–27.

Biography

Loice Gudukeya is a PhD student at the University of Johannesburg, South Africa. She is also a lecturer in the Mechanical Engineering Department at the University of Zimbabwe. She attained her first degree in Industrial and Manufacturing Engineering at NUST (Bulawayo, Zimbabwe) in 2004 and her Masters in Renewable Energy at the University of Zimbabwe in 2012. She is a Board and Corporate member of the Zimbabwe Institution of Engineering (ZIE). As a corporate member she is part of the subcommittee National Engineering of Student Award Committee. She served on the ZIE board from April 2013 to March 2015.

Charles Mbohwa is currently a Full Professor of Sustainability Engineering and Engineering Management and the deputy Dean in the Faculty of Engineering and the Built Environment at the University Of Johannesburg, South Africa. He did his PhD in Engineering in Environmental Impact Assessment of Information and Communication Technology, Department of Information, Production and Systems Engineering, Tokyo Metropolitan Institute of Technology, Tokyo, Japan. Graduated in March 2004.