

REFERENCES

- Agency for Toxic Substances and Disease Registry (ASTDR). ____a. *Naphthalene Chemical and Physical Properties*.
- Agency for Toxic Substances and Disease Registry (ASTDR). ____b. *Toluene Chemical and Physical Properties*.
- Akyol, Çağrı, *et al.* 2015. "Individual and Combined Inhibitory Effects of Methanol and Toluene on Acetyl-CoA Synthetase Expression Level of Acetoclastic Methanogen, *Methanoseta concilii*". *International Biodeterioration & Biodegradation*, vol (105) : 233 – 238.
- Chowdury, R. B. S. and D. J. Fulford. 1992. "Batch and Semi-Continuous Anaerobic Digestion Systems". *Renewable Energy*, vol (2), no (4 / 5) : 391 – 400.
- Cruz, Silvia L., *et al.* 2014. "Review of Toluene Actions : Clinical Evidence, Animal Studies, and Molecular Targets". *Journal of Drug and Alcohol Research*, vol (3) : 1 – 8.
- Deublein, Dieter and Angelika Steinhauser. 2008. *Biogas from Waste and Renewable Resources*. Germany : WILEY-VCH Verlag GmbH & Co. KGaA.
- Eom, In-Young. 2011. "Extimiation of Partition Coefficients of Benzene, Toluene, Ethylbenzene, and p-Xylene by Consecutive Extraction with Solid Phase Microextraction". *Bulletin of the Korean Chemical Society*, vol 32 (5) : 1463 – 1464.
- Forgács, Gergely. 2012. *Biogas Production from Citrus Wastes and Chicken Feather : Pretreatment and Co-Digestion*. Sweden : Chalmers University of Technology.
- Gomez, Claudius Da Costa. 2013. "Biogas as An Energy Option : An Overview". *The Biogas Handbook*. Cambridge : Woodhead Publishing.
- Huang, Yuanxing and Liang Li. 2014. "Biodegradation Characteristics of Naphthalene and Benzene, Toluene, Ethyl Benzene, and Xylene (BTEX) by Bacteria Enriched from Activated Sludge". *Water Environment Research*, vol (86), no (3) : 277 – 284.
- Karimi, Keikhosro and Mohammad J. Taherzadeh. 2016. "A Critical Review of Analytical Methods in Pretreatment of Lignocelluloses : Composition, Imaging, and Crystallinity". *Bioresource Technology*, vol (200) : 1008 – 1018.

- Kumari, Dolly and Radhika Singh. 2018. "Pretreatment of Lignocellulosic Wastes for Biofuel Production : A Critical Review". *Renewable and Sustainable Energy Reviews*, vol (90) : 877 – 891.
- Li, Yeqing, *et al.* 2014. "Anaerobic Co-Digestion of Chicken Manure and Corn Stover in Batch and Continuously Stirred Tank Reactor (CSTR)". *Bioresource Technology*, vol (156) : 342 – 347.
- Liu, Fu, *et al.* 2011. "Progress in The Production and Modification of PVDF Membranes". *Journal of Membrane Science*, vol (375) : 1 – 27.
- Lopes, Evandro José, *et al.* 2018. "Evaluating the Emissions from the Gasification Processing of Municipal Solid Waste Followed by Combustion". *Waste Management*, vol (73) : 504 – 510.
- Lu, Gui-Ning, *et al.* 2008. "Estimation of n-Octanol/Water Partition Coefficients of Polycyclic Aromatic Hydrocarbons by Quantum Chemical Descriptors". *Central European Journal of Chemistry*, vol 6 (2) : 310 – 318.
- Lukitawesa, *et al.* 2017. "Inhibition of Patchouli Oil for Anaerobic Digestion and Enhancement in Methane Production using Reverse Membrane Bioreactors". *Renewable Energy*, <http://dx.doi.org/10.1016/j.renene.2017.04.068>.
- Mahboubi, Amir, *et al.* 2016. "Reverse Membrane Bioreactor : Introduction to A New Technology for Biofuel Production". *Biotechnology Advances*, <http://dx.doi.org/10.1016/j.biotechadv.2016.05.009>.
- Murphy, Jerry D. and Thanasit Thamsiriroj. 2013. "Fundamental Science and Engineering of The Anaerobic Digestion Process for Biogas Production". *The Biogas Handbook*. Cambridge : Woodhead Publishing.
- Nanda, Sonil, *et al.* 2016. "Gasification of Fruit Wastes and Agro-food Residues in Supercritical Water". *Energy Conversion and Management*, vol (110) : 296 – 306.
- Novak, Igor. 2017. "Distorted Naphthalenes and Azulenes". *Computational and Theoretical Chemistry*, vol (1117) : 251 – 257.
- Obi, F. O., *et al.* 2016. "Agricultural Waste Concept, Generation, Utilization, and Management". *Nigerian Journal of Technology*, vol (35), no (4) : 957 – 964.
- Patinvoh, Regina J., *et al.* 2017. "Innovative Pretreatment Strategies for Biogas Production". *Bioresource Technology*, vol (224) : 13 – 24.

- Popp, J., *et al.* 2014. “The Effect of Bioenergy Expansion : Food, Energy, and Environment”. *Renewable and Sustainable Energy Reviews*, vol (32) : 559 – 578.
- Pumphrey, Graham M. and Eugene L. Madsen. 2007. “Naphthalene Metabolism and Growth Inhibition by Naphthalene in *Polaromonas naphthalenivorans* strain CJ2”. *Microbiology*, vol (153) : 3730 – 3738.
- Rodriguez, Cristina, *et al.* 2017. “Pretreatment Techniques Used in Biogas Production from Grass”. *Renewable and Sustainable Energy Reviews*, vol (68) : 1193 – 1204.
- Seadi, Teodorita Al, *et al.* 2008. *Biogas Handbook*. Denmark : University of Southern Denmark Esbjerg.
- Schwarzenbach, R.P., *et al.* 2004. “The Octanol-Water Partition Constant : K_{ow} ”. *Environmental Organic Chemistry*, vol 2.
- Trippe, Frederik, *et al.* 2011. “Techno-economic Assessment of Gasification as a Process Step Within Biomass-to-Liquid (BtL) Fuel and Chemicals Production”. *Fuel Processing Technology*, vol (92) : 2169 – 2184.
- Qureshi, Khan Muhammad, *et al.* 2018. “A Technical Review on Semi-Continuous and Continuous Pyrolysis Process of Biomass to Bio-oil”. *Journal of Analytical and Applied Pyrolysis*, vol (131) : 52 – 75.
- Wainaina, Steven, *et al.* 2018. “Biochemicals from Food Waste and Recalcitrant Biomass via Syngas Fermentation : A Review”. *Bioresource Technology*, vol (248) : 113 – 121.
- Wikandari, Rachma, *et al.* 2014. “Performance of Semi-Continuous Membrane Bioreactor in Biogas Production from Toxic Feedstock Containing D-Limonene”. *Bioresource Technology*, vol (170) : 350 – 355.
- Westman, Supansa Y., *et al.* 2016. “Syngas Biomethanation in a Semi-Continuous Reverse Membrane Bioreactor (RMBR)”. *Fermentation*, vol (2), no (8) : 1 – 12.
- Youngsukkasem, Supansa, *et al.* 2013. “Biogas Production by Encased Bacteria in Synthetic Membranes : Protective Effects in Toxic Media and High Loading Rates”. *Environmental Technology*, vol (34) : 2077 – 2084.