

- Liu, Z. and Zhang, F. S. (2009). "Removal of lead from water using biochars prepared from hydrothermal liquefaction of biomass", *J. Hazard. Mater.*, **167**, 933-939.
- Maroušek, J. (2013). "Removal of hardly fermentable ballast from the maize silage to accelerate biogas production", *Ind. Crop. Prod.*, **44**, 253-257.
- Marris, E. (2006) "Putting the carbon back: Black is the new green", *Nature*, **442**: 624-626.
- Mohammed, F. M., Roberts, E. P., Hill, A., Campen, A. K. and Brown, N. W. (2011). "Continuous water treatment by adsorption and electrochemical regeneration", *Water Res.*, **45**, 3065-3074.
- Nan, Z. R. and Li, J. J. (2000). "Study on the distribution and behavior of selected metals (Cd, Ni, Pb) in cultivated soil profile in arid zone (take Baiyin region as an example)", *Arid Zone Res.*, **17**, 39-45.
- Rambabu, N., Azargohar, R. and Adjaye, J. (2013). "Evaluation and comparison of enrichment efficiency of physical/chemical activations and functionalized activated carbons derived from fluid petroleum coke for environmental applications", *Fuel Process. Technol.*, **106**, 501-510.
- Regmi, P., Moscoso, J. L. G., Kumar, S., Cao, X., Mao, J. and Schafran, G. (2012). "Removal of copper and cadmium from aqueous solution using switchgrass biochar produced via hydrothermal carbonization process", *J. Environ. Manage.*, **109**, 61-69.
- Renner, R. (2007). "Rethinking biochar", *Environ. Sci. Technol.*, **41**, 5932-5933.
- Roberts, K. G., Gloy, B. A., Joseph, S., Scott, N. R. and Lehmann, J. (2010). "Life cycle assessment of biochar systems: estimating the energetic, economic, and climate change potential", *Environ. Sci. Technol.*, **44**, 827-833.
- Silverstein, M. R., Webster, X. F. and Kiemle, J. D. (2005). "Spectrometric identification of organic compounds", 7th Edition, John Wiley & Sons, USA.
- Singh, B., Singn, B. P. and Cowie, A. L. (2010). "Characterization and evaluation of BCs for their application as a soil amendment", *Aust. J. Soil Res.*, **48**, 516-525.
- Singh, S., Nahil, A. M., Sun, X., Wu, C., Chen, J., Shen, B. and Williams, T. P. (2012). "Novel application of cotton stalk as a waste derived catalyst in the low temperature SCR-deNOx process", *Fuel*, **105**, 585-594.
- Tong, X., Li, J., Yuan, J. and Xu, R. (2011). "Adsorption of Cu (II) by biochars generated from three crop straws", *Chem. Eng. J.*, **172**, 828-834
- Tsai, W. T., Liu, S. C., Chen, R. H., Chang, M. Y. and Tsai, L. Y. (2012). "Textural and chemical properties of swine-manure derived BC pertinent to its potential use as a soil amendment", *Chemosphere*, **89**, 198-203.
- Wang, T., Cheng, J., Liu, J., Zhang, C. and Yu, X. (2012). "Effect of BC amendment on bioavailability of pesticide chlorantraniliprole in soil to earthworm", *Ecotoxic. Environ. Safety*, **83**, 96-101.
- Yao, Y., Gao, B., Chen, H., Jiang, L., Inyang, M., Zimmerman, R. A., Cao, X., Yang, L., Xue, Y. and Li, H. (2012). "Adsorption of sulfamethoxazole on BC and its impact on reclaimed water irrigation", *J. Hazard. Mater.*, **209-210**, 408-413.
- Zhang, M., Gao, B., Varnooferani, S., Hebarb, A., Yao, Y. and Inyang, M. (2013). "Preparation and characterization of a novel magnetic BC for arsenic removal", *Bioresour. Technol.*, **130**, 457-462.

- Zhou, S., Mourant, D., Lievens, C., Wang, Y., Li, C. Z. and Garcia-Perez, M. (2013). "Effect of sulphuric acid concentration on yield and properties of bio-oils obtained from the auger and fast pyrolysis of Douglas Fir", *Fuel*, **104**, 536-546.
- Zimmerman, A. R. (2010). "Abiotic and microbial oxidation of laboratory-produced black carbon (biochar)", *Environ. Sci. Technol.*, **44**, 1295-1301.