

บรรณานุกรม

บรรณานุกรมภาษาไทย

- รุจ เกษตรสุวรรณ (2552). ปริมาณสังกะสีและแคดเมียมในดินที่ใช้ปลูกข้าวและในเมล็ดข้าว แสดงถึงภาวะโภชนาการของประชากร อำเภอเขาย้อย จังหวัดเพชรบุรี. วิทยานิพนธ์ปริญญาวิทยาศาสตรมหาบัณฑิต สาขาปฐพีวิทยา มหาวิทยาลัยเกษตรศาสตร์.
- วราภรณ์ ศรีตัมภวา (2550). การดูดซับแคดเมียมโดยอ้อยที่ปลูกในดินที่ปนเปื้อน. วิทยานิพนธ์ปริญญาวิทยาศาสตรมหาบัณฑิต สาขาวิชาวิทยาศาสตร์สิ่งแวดล้อม (สหสาขาวิชา) จุฬาลงกรณ์มหาวิทยาลัย.
- สำนักงานสำนักงานเศรษฐกิจการเกษตร (2558). แหล่งที่มา: <http://www.oae.go.th/main.php?filename=index>. สืบค้นเมื่อ 9 กรกฎาคม 2558.
- อลิสรา วังโน (2554). การบำบัดสารมลพิษทางชีวภาพ. กรุงเทพมหานคร: จุฬาลงกรณ์มหาวิทยาลัย.

บรรณานุกรมภาษาต่างประเทศ

- Beesley, L., Moreno-Jimenez, E., Gomez-Eyles, J.L. (2011). Effect of biochar and greenwaste compost amendments on mobility, bioavailability and toxicity of inorganic and organic contaminants in a multielement polluted soil. *Environ Pollut* .158, 2282–2287.
- Bian, R., Chen, D., Liu, X., Cui, L., Li, L., Pan, G., Xie, D., Zheng, J., Zhang, X., Chang, A. (2013). Biochar soil amendments as a solution to prevent Cd-tainted rice from China: Result from a cross field experiment. *Eco. Eng.* 58, 378-383.
- Boparai, H.K., Joseph, M., O'Carroll, D.M. (2011). Kinetics and thermodynamics of cadmium ions removal by adsorption onto nano zerovalent iron particles. *J. Hazard. Mater.* 186, 458-465.
- Cho, S.C., Cho, Y.Y., Kao, C.H., 2012. Calcium deficiency increase Cd to toxicity and Ca is required for heat-shock induced Cd tolerance in rice seedlings. *J. Plant Physiol.* 169, 892-898.
- Chou, T.S., Cho, Y.Y., Huang, W.D., Hong, C.Y., Kao, C.H. (2011). Effect of magnesium deficiency on antioxidant status and cadmium toxicity. *J. Plant Physiol.* 168, 1021-1030.
- Cohelho, G.F., Jr Goncalves, A. C., Tarley, C.R. J., Casarin, J., Nacke, H., Francziskowski, M.A. (2014). Removal of metal ions Cd (II), Cu (II), Pb (II) and Cr (III) from water by the cashew nut shell *Anacardium occidentale* L. *Eco. Eng.* 73, 514-525.

- Fang, H., Zhiu, W., Cao, Z., Tang, F., Wang, D., Liu, K., Wu, X., Yang, X., Sun, Y., Yu, Y. (2012). Combined remediation of DDT congeners and cadmium in soil by *Sphingobacterium sp.* D-6 and *Sedum alfredii* Hance. *J. Environ. Sci.* 24, 1036-1046.
- Faust, S.D and Aly, O.M. (1987). *Adsorption process for water treatment*. New York: Butterworth.
- Gutierrez-Segura, E., Solache-Rios, M., Colin-Cruz, A., Fall, C. (2012). Adsorption of cadmium by Na and Fe modified zeolite tuffs and carbonaceous material from pyrolyzed sewage sludge. *J. Environ. Manage.* 97, 6-13.
- Jian, M., Gang, V.K., Kadirvelu, K. (2013). Cadmium (II) sorption and desorption in fixed bed column using sunflower waste carbon calcium-alginate beads. *Bioresour. Technol.* 129, 242-248.
- Kashem, M.D.A, Kawal, S. (2007). Alleviation of cadmium phytotoxicity by magnesium in Japanese mustard spinach. *Soil Sci. Plant Nutr.* 53, 246–251
- Kizilkaya, B., Tekinary, A.A., Dilgun, Y. (2010). Adsorption and removal of Cu (II) ions from aqueous solution using pretreated fish bones. *Desalination.* 264,37-47.
- Lu, K., Yang, X., Shen, J., Robinson, B., Huang, H., Liu, Dan. (2014). Effect of bamboo and rice straw on the bioavailability of Cd, Cu, Pb and Zn to *sedum plumbizincicola*. *Agr. Ecosyst. Environ.* 191, 124-129
- Mahar, A., Ping, W., Ronghua, L., Zengqiang. (2015). Immobilization of lead and cadmium in contaminated soil using amendments: a review. *Pedosphere.* 25,555-568.
- Mckey, G.(1996). *Use of Adsorbent for the removal of pollutants from wastewater*. New York:
- McLaughlin, M.J. and Sing, B.R. (1999). *Cadmium in soils and plants*. Netherlands, Kluwer Academic Publishers.
- Modin, H., Persson, K. M., Anderson, A., Praagh, M.V. (2011). Removal of metals from landfill leachate by sorption to activated carbon, bone meal and ion fines. *J. Hazard. Mater.* 198, 1749-754.
- Nazar R, Iqbal N, Masood A, Iqbal M, Khan R, Syeed S, Khan NA (2012) Cadmium toxicity in plants and role of mineral nutrients in its alleviation. *Am. J. Plant. Sci.* 3,1476–1489.
- Noll, K.E., Gounaris, V. and Hou, W.S.(1992). *Adsorption Technology for Air and Water Pollution Control*. Lewis, Michigan.

- Odes, D., Duran, C., Senturk, H.B. (2011). Adsorptive removal of Cd (II) and Pb (II) ions from aqueous solution by using Turkish illitic clay. *J. Environ. Manage.* 92, 3082-3090.
- Sriprapat, W. and Thiravetyan P. (2011) Phytoremediation of Diethylene Glycol Contaminated Wastewater by *Echinodorus Cordifolius*. *Int. J. Phytoremediation.* 13, 592-600.
- Suksabye, S., Pimthong, A., Dhurakit, P., Mekvichitsaeng, P., Thiravetyan., P. (2016). Effect of biochars and microorganisms on cadmium accumulation in rice grains grown in Cd-contaminated soil. *Environ. Sci. Pollut. Res.* 23,962–973.
- Phaenark, C., Pokethitiyook, P., Kruatrachue, M., Ngernsarsaruay, C. (2009). Cd and Zn accumulation in plant from the Padaeng zinc mine. *Int. J. Phytorem.* 11, 479-495.
- Puga, A.P., Abreu, C.A., Melo, L.C.A. Beeley, L. (2015). Biochar application to a contaminated soil reduce the availability and plant uptake of zinc, lead and cadmium. *J. Environ. Manage.* 189, 86-91.
- Said, O.E., Shalmar, M.B., & Egila, J.N. (1993). A note on the binding of nickel and copper ions by cellulosic materials. *Bioresour. Technol.* 43, 63-65.
- Sato, A., Takeda, H., Oyanagi, W., Nishihara, E and Murakami, M. (2011). Reduction of cadmium uptake in spinach by soil amendment with animal waste compost. *J. Hazard. Mater.* 181, 298-304.
- Schmitz-Eiberger M, Haefs R, Noga G (2002) Calcium deficiency influence on the antioxidative defense system in tomato plants. *J. Plant. Physiol.* 159:733–742.
- Sebastian, A., Prasad, M.N.V. (2015). Cadmium minimization in rice. A review. *Agron. Sustain. Dev.* 34,155-173.
- Simmons, R.W., Pongsakul, P., Saiyasitpanich, D. and Klinphoklap, S. (2005). Elevated levels of cadmium and zinc in paddy soil and elevated levels of cadmium in rice grain downstream of a zinc mineralized area in Thailand: implications for public health, *Environ. Geochem. Hlth.* 27, 501-511.
- Solmaz, K., Abdulkerim, K., Adril, D., & Yada, Y. (2000). Batch removal of copper (II) and Zinc (II) from aqueous solution with low rank turkish coal, *Sep. Purifi. Technol.* 18,177-184.
- Tian S, Lu L, Zhang J, Wang K, Brown P, He Z, Liang J, Yang X (2011) Cadmium protects roots of *Sedum alfredii* H. against cadmium induced oxidative stress. *Chemosphere.* 84,63–69.
- Xu, D., Chen, Z., Sun, K., Yan, D., Kang, M., Zhao, Y. (2013). Effect of cadmium on the physiological parameters and the subcellular cadmium localization in the potato (*Solanum tuberosum* L.). *Ecotoxicol. Environ. Saf.* 97, 147-153.

- Zayed, E. M., Sokker, H. H., Albishri, H. M., Farag, A. M. (2013). Potential use of novel modified fishbone for anchoring hazardous metal ions from their solution. *Eco. Eng.* 61, 390-393.
- Zhang, R-L., Cai, C., Liang, J-L., Huang, Q., Chen, Z., Huang, Y-Z, Arp, H.P.H., Sun, G-X. (2012). The effect of biochars from rice residue on the formation of iron plaque and the accumulation of Cd, Zn, Pb, As in rice (*Oryza sativa* L.) seedlings. *Chemosphere.* 89, 856-862.