

DAFTAR PUSTAKA

- Anam, M. M., Kurniati, E., & Suharto, B. (2013). Penurunan Kandungan Logam Pb dan Cr Leachate melalui Fitoremediasi Bambu Air (*Equisetum hyemale*) dan Zeolit. *Jurnal Keteknikaan Pertanian Tropis dan Biosistem* 1(2), 43-59.
- Asalou, S. S., Awokunmi, E. E., Ajayi, O. O., & Adebayo, O. A. (2013). Phytoremediation Potential of *Alocasia macrorrhiza* Grown on Soil Collected from Selected Dumpsites in Ekiti State, Nigeria. *E3S Web of Conferences* 1, 13003-p.1-13003-p.4.
- Committee on Biologic Effects of Atmospheric Pollutants. (1974). *Chromium*. Wasington D.C.: National Academy of Science.
- Dash, P., & Dash, B. P. (2013). Bioremediation: An Eco-Friendly, Bioengineering and Cost Effective Tehnique for Reducing The Pollutant Load of Contaminant Water and Soil of Industrial Area. *Biohelica* 3 (1&2), 72-80.
- Durai, G., & Rajasimman, M. (2011). Biological Treatment of Tannery Wastewater - A Review. *J. Environ. Sci. Technol.* 4(1), 1-17.
- Eapen, S., Singh, S., & D'Souza, S. F. (2007). Phytoremediation of Metals and Radionuclides. In S. N. Singh, & R. D. Tripathi, *Environmental Bioremediation Technologies* (pp. 189-210). New York: Springer Berlin Heidelberg.
- Estaún, V., Cortés, A., Velianos, K., Camprubí, A., & Calvet, C. (2010). Effect of Chromium Contaminated Soil on Arbuscular Mycorrhizal Colonisation of Roots and Metal Uptake by *Plantago lanceolata*. *Spanish Journal of Agricultural Research*, S109-S115.
- Gardea-Torresdey, J. L., Rosa, G. d., Peralta-Videa, J. R., Montes, M., Cruz-Jimenez, G., & Cano-Aguilera, I. (2005). Differential Uptake and Transport of Trivalent and Hexavalent Chromium by Tumbleweed (*Salsola kali*). *Arch. Environ. Contam. Toxicol* 48, 225-232.
- Gheju, M., Balcu, I., & Ciopec, M. (2009). Analysis of Hexavalent Chromium Uptake by Plants in Polluted Soils. *Ovidius University Annals of Chemistry* 20(1), 127-131.
- Hidayah, S. C. (2015). *Fitoremediasi Logam Krom pada Limbah Cair Penyamakan Kulit dengan Sistem Sirkulasi*. (Skripsi). Jurusan Pendidikan Biologi, Fakultas

- Pendidikan Matematika dan Ilmu Pengetahuan Alam, Universitas Pendidikan Indonesia, Bandung.
- Holloway, W. D., Argall, M. E., Jealous, W. T., Lee, J. A., & Bradbury, H. (1989). Organic Acids and Calcium Oxalate in Tropical Root Crops. *J. Agric. Food Chem.* 37(2), 337-341.
- Judoamidjojo, R. M. (1980). *Teknik Penyamakan Kulit untuk Pedesaan*. Bandung: Penerbit Angkasa.
- Kementerian Lingkungan Hidup, 2004. *Pedoman Teknis Pengelolaan Limbah Industri Kecil*. Jakarta: PT Envirotekno Karya Mandiri
- Kusumawati, T. (2006). *Jerapan Kromium Limbah Penyamakan Kulit oleh Zeolit Cikembar dengan Metode Lapik Tetap*. (Skripsi). Departemen Kimia, Fakultas Matematika dan Ilmu Pengetahuan, Institut Pertanian Bogor, Bogor.
- Liu, N., Lin, Z.-F., Lin, G.-Z., Song, L.-Y., Chen, S.-W., Mo, H., & Peng, C.-L. (2010). Lead and Cadmium Induced Alterations of Cellular Functions in Leaves of *Alocasia macrorrhiza* L. Schott. *Ecotoxicology and Environmental Safety*, 1238-1245.
- Malik, R. A. (2013). *Potensi Tanaman Pontederia lanceolata, Echinodorus palaefolius, Zantedeschia aethiopica, Sebagai Agen Fitoremediasi Logam Kromium pada Limbah Cair Industri Tekstil*. (Skripsi). Jurusan Pendidikan Biologi, Fakultas Pendidikan Matematika dan Ilmu Pengetahuan Alam, Universitas Pendidikan Indonesia, Bandung.
- Mangkoedihardjo, S., & Samudro, G. (2010). *Fitoteknologi Terapan*. Yogyakarta: Penerbit Graha Ilmu.
- Michael, P. (1984). *Ecological Methods for Field and Laboratory Investigations*. New Delhi: Tata McGraw-Hill Publishing Company Limited.
- Mirsky, N. (2012). Glucose Tolerance Factor – Insulin Mimetic and Potentiating Agent. In Chackrewarthy, S. *A Source for a Novel Anti Diabetic Medication* (165-188). ISBN: 978-953-51-0891-7, InTech, DOI: 10.5772/54350. Available from: <http://www.intechopen.com/books/glucose-tolerance/glucose-tolerance-factor-insulin-mimetic-and-potentiating-agent-a-source-for-a-novel-anti-diabetic-m>
- Moenir, M. (2010). Kajian Fitoremediasi sebagai Alternatif Pemulihan Tanah Tercemar Logam Berat. *Jurnal Riset Teknologi Pencegahan dan Pencemaran Industri* 1(2), 118-123.

- Paiva, L. B., Oliveira, J. G., Azevedo, R. A., Ribeiro, D. R., Silva, M. G., & Vitória, A. P. (2009). Ecophysiological Responses of *Water Hyacinth* Exposed to Cr³⁺ and Cr⁶⁺. *Environmental and Experimental Botany* (65), 403-409.
- Palar, H. (2008). *Pencemaran dan Toksikologi Logam Berat*. Jakarta: Penerbit Rineka Cipta.
- Panda, S. K., & Choudhury, S. (2005). Chromium Stress in Plants. *Braz. J. Plant Physiol.*, 17(1), 95-102.
- Puspita, U. R., Siregar, A. S., & Hidayati, N. V. (2011). Kemampuan Tumbuhan Air sebagai Agen Fitoremediator Logam Berat Kromium (Cr) yang Terdapat pada Limbah Cair Industri Batik. *Berkala Perikanan Terubuk*, 39(1), 58-64.
- Revathi, K., Haribatu, T. E., & Sudha, P. N. (2011). Phytoremediation of Chromium Contaminated Soil Using Sorghum Plant. *International Journal of Environmental Sciences*, 2(2), 417-428.
- Santana, K. B., Almeida, A.-A. F., Souza, V. L., Mangabeira, P. A., Silva, D. d., Gomes, F. P., Loguercio, L. L. (2012). Physiological Analyses of *Genipa americana* L. reveals a Tree with Ability as Phytostabilize and Rhizofilterer of Chromium Ions for Phytoremediation of Polluted Watershed. *Environmental and Experimental Botany* 80, 35-42.
- Salisbury, F. B. & Ross, C. W. (1995). *Fisiologi Tumbuhan* (Jilid 1 Edisi Keempat, Diterjemahkan oleh: Diah R. Lukman dan Sumaryono). Bandung: Penerbit ITB.
- Sarma, H. (2011). Metal Hyperaccumulation in Plants: A Review Focusing on Phytoremediation Technology. *Journal of Environmental Science and Technology* 4(2), 118-138.
- Singh, R. P., Dhania, G., Sharma, A., & Jaiwal, P. K. (2007). Biotechnological Approaches to Improve Phytoremediation Efficiency for Environment Contaminants. In S. N. Singh, & R. D. Tripathi, *Environmental Bioremediation Technologies* (pp. 223-258). New York: Springer Berlin Heidelberg.
- Singh, S., Singh, P. K., Kumar, V., & Shukla, V. K. (2011). Growth and Flower Yield of *Tagetes patula* Plants on Tannery Waste Amended Soil Medium. *Rec. Res. Sci. Tech.* 3, 66-69.
- Sriprang, R., & Murooka, Y. (2007). Accumulation and Detoxification of Metals by Plants and Microbes. In S. N. Singh, & R. D. Tripathi, *Environmental*

- Bioremediation Technologies* (pp. 78-100). New York: Springer Berlin Heidelberg.
- Sugiyanto, T., Darussalam, M., & Nurhidayat, N. (1991). Pemanfaatan Gulma Air untuk Menanggulangi Pencemaran Limbah Aktif Cr-51. *Proceedings Seminar Reaktor Nuklir dalam Penelitian Sains dan Teknologi Menuju Era Tinggal Landas* (pp. 291-295). Bandung: PPTN-BATAN.
- Surtikanti, H. K. (2013). *Toksikologi Lingkungan dan Metode Uji Hayati*. Bandung: Rizqi Press.
- Tiwari, K. K., Dwivedi, S., Singh, N. K., Rai, U. N., & Tripathi, R. D. (2009). Chromium (VI) Induced Phytotoxicity and Oxidative Stress in Pea (*Pisum sativum* L.): Biochemical Changes and Translocation of Essential Nutrients. *Journal of Environmental Biology* 30(3), 389-394.
- Vajpayee, P., Rai, U. N., Ali, M. B., Tripathi, R. D., Yadav, V., Sinha, S., & Singh, S. N. (2001). Chromium-Induced Physiologic Changes in *Vallisneria spiralis* L. and Its Role in Phytoremediation of Tannery Effluent. *Bull. Environ. Contam. Toxicol.* 67, 246-2
- Varun, M., D'Souza, R., Pratas, J., & Paul, M. S. (2011). Evaluation of Phytostabilization, a Green Technology to Remove Heavy Metals from Industrial Sludge using *Typha latifolia* L. *Biotechnol. Bioinf. Bioeng.* 1(1), 137-144.
- Viti, C., & Giovanetti, L. (2007). Bioremediation of Soils Polluted with Hexavalent Chromium using Bacteria: A Challenge. In S. N. Singh, & R. D. Tripathi, *Environmental Bioremediation Technologies* (pp. 57-76). New York: Springer Berlin Heidelberg.
- Widowati, W., Sastiono, A., & Jusuf, R. (2008). *Efek Toksik Logam: Pencegahan dan Penanggulangan Pencemaran*. Yogyakarta: Penerbit Andi.
- Wong, P. K., & Chang, L. (1991). Effects of Copper, Chromium and Nickel on Growth, Photosynthesis and Chlorophyll a Synthesis of *Chlorella pyrenoidosa* 251. *Environmental Pollution* 72, 127-139.
- Yuniarti, S. I. (2012). *Seleksi Tumbuhan Remediator Logam Kromium di Daerah Industri Sukaregang Garut*. Universitas Pendidikan Indonesia, Bandung.
- Zayed, A. M., & Terry, N. (2003). Chromium in the Environment: Factors Affecting Biological Remediation. *Plant and Soil* , 139-156.

