

## DAFTAR PUSTAKA

- Agency for Toxic Substances and Disease Registry (ATSDR), (2012). Toxicological Profile for Chromium. US Department of Health Human Services, Public Health Service. Agency for Toxic substances and Disease Registry, Atlanta.
- Adly AAM. (2010). Oxidative Stress and Disease: an Updated Review. *Res Immunol*, 3(2):129-145.
- Alexander J., Aaseth J., (1995). Uptake of chromate in human red blood cells and isolated rat liver cells: the role of the anion carrier. *Analyst*, 120:931-933.
- Andini F. (2015). Risk Factors Of Low Back Pain In Workers. *J Majority*, Volume 4 no 1 hal 14-15.
- Badan Pusat Statistik, (2018). Pertumbuhan Ekonomi Jawa Timur Tahun 2018. <https://jatim.bps.go.id/pressrelease/2019/02/06/1056/pertumbuhan-ekonomi-jawa-timur-tahun-2018.html> (Situs 3 Januari 2019).
- Britton, J., and Edwards. F. (2007). Tobacco Smoking, harm reduction, and nicotine product regulation. *Lancet* 317 (9610) :441-445.
- Bryant, H.E., Ying, S., Helleday, T., (2006). Homologous recombination is involved in repair of chromium-induced DNA damage in mammalian cells. *Mut.Res*, 599, 116–123.
- Cagliari, Andrea, Matteo G., Olga A., Roberta A., Maria V., Massimo C., Pietro A., Antonio M., (2006). The Effect of Inhaled Chromium on Different Exhaled Breath Condensate Biomarkers among Chrome-Plating Workers. *Environ Health Perspect*, vol 114 (4) : 542-6.
- Chiu A., Katz A.J., Beaubier J., Chiu N., Shi X., (2004). Genetic and cellular mechanisms in chromium and nickel carcinogenesis considering epidemiologic findings. *Mol Cell Biochem*, 255:181-194.
- Costa et al., (2005). Molecular evidence for an activatorinhibitor mechanism in development of embryonic feather branching. *Science*, 102: 11734-11739
- Das, A.P., Singh S., (2011). Occupational health assessment of chromite toxicity among Indian miners, *Indian J. Occup Environ Med*, 15(1): 6–13.

- Direktorat Bina Kesehatan Kerja dan Olahraga Kementerian Kesehatan Republik Indonesia, (2012). Penyakit Akibat Kerja Karena Pajanan Logam Berat. Pedoman Tata Laksana Penyakit Akibat Kerja Bagi Petugas Kesehatan [e-book]. Jakarta : Direktorat Bina Kesehatan Kerja dan Olahraga Kementerian Kesehatan Republik Indonesia hal 30-32.
- Environmental Protection Agency (EPA), (2001). Chromium (VI). [www.epa.gov/ririsubst-0144.html](http://www.epa.gov/ririsubst-0144.html) (situs 29 juni 2019)
- Fasya, A.H.Z., (2015). Analisis Kromium Pada Pelapisan Logam dan Kondisi Kulit Tangan Pekerja *Home Industry* Pelapisan Logam CV. X di Sidoarjo. Skripsi. Fakultas Kesehatan Masyarakat. Universitas Airlangga .
- Fitia, et al. (2013). Merokok dan Oksidasi DNA. Jurnal Sains Medika Vol. 5 No 2. 113-120.
- Gautama, P,(2009). Mengenal Cara Pelapisan Logam. <http://www.infometrik.com/2009/08/pelapisan-logam-bagian-1/> (Situs 9 November 2018).
- Greenberg, Michael I. Richard J.H., Scott, D.P., Gayla J.M., (2003). Occupational, Industrial and Environmental Toxicology, second edition, Philadelphia : Mosby.
- Guertin, J. James A. Jacob, Cynthia P. Avakian. (2005). Kromium (VI) Handbook. [http://dl.lux.bookfi.org/genesis/497000/baa5869fa015598c0a9ea3d0d1c9c225/\\_as/%5BJacques\\_Guertin,\\_James\\_A.\\_Jacobs,\\_Cynthia\\_P.\\_Avak\(BookFi.org\).pdf..th](http://dl.lux.bookfi.org/genesis/497000/baa5869fa015598c0a9ea3d0d1c9c225/_as/%5BJacques_Guertin,_James_A._Jacobs,_Cynthia_P._Avak(BookFi.org).pdf..th) (situs 25 Desember 2019)
- Gupta A, (2007). Effects of Stress Oxidative Solvents Exposure on Antioxidant Enzyme Activities. *Toxicology and Environmental Health*. 6(13) : 137 – 146.
- Halliwell, B., M. Whiteman (2004). Measuring Reactive Soecies And Oxidative Damage In Vivo And In Cell Culture: How Should You Do It And What Do The Results Mean ?. *British Journal Of Pharmacology*, 142:231-255
- Hermiyanti P, Mukono HJ, Notoputro H, (2015). Lipid Peroxidation And Respiratory disorders to The Workers Pool. *International Journal of Scientific Research and Management*, 3(7): 3301-3304.
- Holmes, A.L., Wise, S.S., Wise Sr., J.P., (2008). Carcinogenicity of hexavalent chromium. *Indian J. Med. Res.*, 128, 353–372.

- Hung, Jung C, and Chan S, (2010). Serum Levels of 8-hydroksy-2'-Deoxyguanosine in Clinical Depresion. *Journal Psychosomatic Medicine*, 68: 1-7.
- IETEG, (2004). Chromium (VI) Handbook, Florida : CRC Press
- Ilgazli, A. Sengul C, Maral Ozden, Ercin, (2004). The Effects of Thinner Inhalation on Superoxide dismutase Activities, Maliondialdehyde and Glutathione Levels in Rat Lungs. *Elsevier*, 343:141-144.
- Kahar, Keman S, Sulistyorini L, (2016). Particulate Matter (PM 2,5) Increases MDA Levels Serum of Workers at Surabaya Bus Station. *Intenational Journal of Research in Advent Technology*, 4(7):12-16 .
- Kakkar, P., Farhat N., Jaffery, (2005). Biological markers for metal toxicity. *Environ Toxicol an Pharmacol*, 19(2):335-49.
- Kasai H., Hayaami H., Yamaizumi Z., SaitoH., Nishimura S., (1984). Detection and identification of mutages and carcinogens as their adducts with guanisine derivatives. *Nucl Acids Res*, 12:2127–36.
- Klaunig, J.E., Z.Wang *et al.* (2011). Oxidative Stress and Oxidative Damage inChemical Carcinogenesis. *Toxicology and Applied Pharmacology*., 254: 8699.
- Kusuma, H,(2014). Industri Logam Berperan Kembangkan Ekonomi Nasional. <http://economy.okezone.com/read/2014/06/10/320/996554/industri-logamberperan -kembangkan-ekonomi-nasional> (Situsi 9 November 2018).
- Lemeshow S, Hosmer JD, Klar J, Lwanga SK (1990), Adequacy Of Sample Size In Health Studies, New York: John Wiley dan Sons.
- Lou, J. L., Lingzhi J. , Nanxiang W., Yufeng T., Yang S., Ming G., Kecheng L., Xing Z. , Jiliang H., (2013). DNA damage and oxidative stress in human B lymphoblastoid cells after combined exposure to hexavalent chromium and nickel compounds. *Food Chem Toxicol*, 55,533-540.
- Material Safety Data Sheet, (20015). Hexavalent Chromium.
- Miaratiska, N. (2014). Analisis Kadar Nikel Limbah Cair Dan Gangguan Kesehatan Kulit Pekerja Home Industri Pelapisan Logam Di Desa Sugihwaras Kecamatan Candi Kabupaten Sidoarjo. Skripsi. Fakultas Kesehatan Masyarakat. Universitas Airlangga.

- Nasution, S. F. (2011). Pelapisan Logam. <http://repository.usu.ac.id/bitstream/123456789/29124/3/Chapter%20II.pdf> (Situs 26 Desember 2018).
- National Institute for Occupational Safety and health (NIOSH), (2013). Criteria for a Recommended Standard : Occupational Exposure to Hexavalent Chromium. U.S. Navy : Department of Health & Human Sciences, Center for Disease Control and prevention, National Institute for Occupational Safety and Health.
- National Library Of Medicine (NIH), (2019). Dichromate. <https://pubchem.ncbi.nlm.nih.gov/compound/Dichromate#section=Top> (situs 15 Februari 2019)
- Nordberg, G. F., Bruce A. F., Monica N., Lars T. F. (2007). Handbook On The Toxicology Of Metals (3 Edition). USA : Academic Press.rd.
- OSHA, (2006). Health effect of Hexavalent Chromium. OSHA U.S. Department Of Labour,1-3.
- Palaniappan, P.L., Karthikeyan, S., (2009). Bioaccumulation and depuration of chromium in the selected organs and whole body tissues of freshwater fish Cirrhinus mrigala individually and in binary solutions with nickel. *J. Environ. Sciences*, 21, 229–236.
- Palar, H., (2008). Pencemaran dan Toksikologi Logam Berat. Jakarta: Rineka Cipta.
- Pawitra Hana Eka R, (2017). Hubungan Kadar Kromium Dii Udara Dengan Kromium dan Kreatinin Dalam Darah Serta Keluhan Kesehatan Pekerja Pelapisan Logam UD Jasa Merdeka Knalpot Di Purbalingga, *skripsi*, FKM Universitas Airlangga Surabaya.
- Rahman K, (2007). Studied on Free Radicals, Antioxidans and Co-Factors. *Clinical Interventions in Aging*, 2(2): 219-236.
- Rao, M.V., Chawla, S.L., Sharma, S.R., (2009). Protective role of vitamin E on nickel and/or chromium induced oxidative stress in the mouse ovary. *Food Chem Toxicol*, 47, 1368–1371.
- Rokhmalia F, Sulistyorini L, Keman S, (2015). Increased of SOD Enzyme Activity in Serum Workers At Home Industry Petis Burning Wood Smoke Exposure in Sekandangan Village Sidoarjo Refency. *International Journal of Research in Advent Technology*, 3(8):86-90.
- Shrivastava, R. , R.K. Upreti, P.K. Seth, U.C. Chaturvedi, (2002). Effects of chromium on the immune system. *FEMS Immunology and Medical Microbiology*, 34 , 1-7.

- Sobaszek A., Boulenguez C., Frimat P., Robin H., Haguenoer J.M., Edme J.L., (2000). Acute respiratory effects of exposure to stainless steel and mild steelwelding fumes. *J. Occup. Environ. Med.*, 42:923–931.
- Sudarsana, E., Onny S., Suhartono,(2013). Hubungan Riwayat Pajanan Kromiumdengan Gangguan Fungsi Ginjal pada Pekerja Pelapisan Logam di Kabupaten Tegal. *Jurnal Kesehatan Lingkungan Indonesia*. Vol. 12 No. 1.
- Sughis M, Nawrot T.S, Vincent H, Benoit N. (2012). Adverse Health of Child Labour : High Exposure to Chromium and Oxidative DNA Damage in Children Manufacturing Surgical Instruments. *Enviromental Perspective*, Vol 120.
- Svenson, E. (2006). DuraChrome Hard Chromium Plating. Plating Resources, Inc. Cocoa, florida, USA.
- Syracuse Research Corporation. (2000). Toxicological Profile For Chromium. <http://en.bookfi.org/book/675756.th> (situs 4 Januari 2019)
- Winarsih H, Siwi PM, Wijayanti, Agus P. (2012). Peningkattan Aktivitas Enzim Superoksida Dismustase, Katalase, dan Glutation Peroksida Wanita Penderita Sindrom Metabolik. *MKB*, 44(1):7-12.
- Yuliani Setyaningsih,(2016). Kadar 8-hydroxydeoxyguanosine (8-OHdG) dalam urin sebagai penanda kerusakan oksidatif DNA dan penunjang deteksi dini penyakit akibat kerja karena paparan kromium pada pekerja pelapisan logam. Disertasi. Fakultas kedokteran. Universitas gadjah mada Yogyakarta.
- Zhang, X.H., Xuan Z., Xu C.W., Li F.J., Zhang P.Y., Cai X.J., Qing C., Xiau B.R., Jian Z.C., Qiang W., Yi M.Z, (2011). Chronic occupational exposure to hexavalent chromium causes DNA damage in electroplating workers. *BMC Public Health*, 11:224.