

DAFTAR PUSTAKA

- Agustiva, Deswati, dan Suryani, H., (2013), Optimasi Penentuan Ni(II) dan Co(II) Secara Simultan dengan Voltammetri Stripping Adsorptif (AdSV), *Jurnal Kimia Unand (ISSN)*, 2(3), hal. 2303-3401.
- Amini, M. K., and M. Kabiri. (2005). "Determination of Trace Amounts of Nickel by Differential Pulse Adsorptive Cathodic Stripping Voltammetry Using Calconcarboxylic Acid as a Chelating Agent." *Journal of the Iranian Chemical Society* 2(1): 32–39.
- AOAC International, (1990), Official Methods of Analysis Volume 1, The Executive Director Office of the Federal Register, Washington.
- Arinola, O.G., 2008, Essential Trace Elements and Metal Binding Proteins in Nigerian Consumers of Alcohol Beverages, *Pakistan J. Nutr.*, 7 (6); 763-765.
- Babaet, A., Shams, E. and Samadzadeh. A., 2006, Simultaneous Determination of Copper, Bismuth and Lead by Adsorptive Stripping Voltammetry in the Presence of Thymolphthalein. *Anal. Sci.*, 22:955-959
- Boran, M., & Altinox, I. (2010). A review of heavy metals in water, sediment and living organisms in the Black Sea. *Turkish Journal of Fisheries and Aquatic Sciences*, 10, 565-572.
- Buxton S, Garman E, Heim KE, Lyons Darden T, Schlekot CE, Taylor MD, Oller AR. 2019. Concise Review of Nickel Human Health Toxicology and Ecotoxicology. *Inorganics*, 7(89): 1-38
- Candra, Venywijayanti, and Pirim Setiarso. (2015). "Penentuan Logam Zn Pada Tanaman Kangkung Secara Voltametri Siklik Menggunakan Elektroda Pasta Karbon Termodifikasi Bentonit." : 3–4. <https://adoc.pub/penentuan-logam-zn-pada-tanaman-kangkung-secara-voltametri-s.html>.

- Das KK, Reddy RC, Bagoji IB, Das S, Bagali S, Mullur L, Khodnapur JP, Biradar MS. (2019). Primary concept of nickel toxicity – an overview. *J Basic Clin Physiol Pharmacol*, 30(2): 141–152
- Duda-Chodak A, Blaszczyk U. (2008). The Impact Of Nickel On Human Health. *J. Elementol.*, 13(4): 685-696
- Deswati, Deswati, Hilfi Pardi, Universitas Maritim Raja, and Ali Haji. (2013). “Optimasi Penentuan Besi, Kobalt Dan Nikel Dalam Air Laut Secara Voltametri Stripping Adsorptif(AdSV) Environmental View Project Inorganic Chemistry View Project.” : 187–92. <https://www.researchgate.net/publication/276355718>.
- Effendi, H. (2003). *Telaah Kualitas Air: Bagi Pengelolaan Sumber Daya dan Lingkungan Perairan*. Yogyakarta: Kanisius.
- Hidayat, Diky, and M Daus. (2019). “Kajian Kandungan Logam Berat Kadmium (Cd), Kromium (Cr) Dan Merkuri (Hg) Pada Sedimen Di Sungai Way Kuala Lampung Secara Spektrofotometri Serapan Atom.” *Analit: Analytical and Environmental Chemistry* 4(01): 41–50.
- Irdhawati, Irdhawati, Vivi Eka Indrayani, and Emmy Sahara. (2019). “Teknik Voltametri Pelucutan Anodik Menggunakan Elektroda Glassi Karbon Dalam Penentuan Kadar Logam Fe Dalam Terong Ungu.” *Jurnal Kimia Riset* 4(2): 111.
- Irsanda, P. G. R., Karnaningroem, N., & Bambang, D. (2014). Analisis Daya Tampung Beban Pencemaran Kali Pelayaran Kabupaten Sidoarjo Dengan Metode Qual2kW. *Teknik POMITS*, 3(1), 47–52. Retrieved from <http://ejurnal.its.ac.id/index.php/teknik/article/view/5681/1687>
- Jayakumar, (2009), Effect of Different Consentration of Cobalt on Pigment Content of Soybean, *Journal of Department of Botany, Annamalai of University, India*

- Mariwy, A., Dulanlebit, Y.H. dan Yulianti, F., (2020). Awar-awar (*Ficus Septica* Burm F) Heavy Metal Mercury Accumulation Study Using Awar-awar (*Ficus Septica* Burm F) Plants, *Indo. J. Chem. Res.*, 7, 159–169.
- Mettakoonpitak, Jaruwan & Miller-Lionberg, Dan & Reilly, Thomas & Volckens, John & Henry, Charles. (2017). Low-Cost Reusable Sensor for Cobalt and Nickel Detection in Aerosols Using Adsorptive Cathodic Square-Wave Stripping Voltammetry. *Journal of Electroanalytical Chemistry*. 805. 10.1016/j.jelechem.2017.10.026.
- Miaratiska, N., Azizah R. (2015). Hubungan paparan nikel dengan gangguan kesehatan kulit pada pekerja industri rumah tangga pelapisan logam di Kabupaten Sidoarjo. *Perspektif jurnal Kesehatan Lingkungan*, 1(1): 25-36
- Miller JN and Miller JC. (2010). *Statistics and Chemometrics for Analytical Chemistry*, Sixth Edition, Pearson Education Limited, England
- Novianti, and Arifin. (2016). “Analisis Logam Kadmium Dengan Metode Voltametri Siklik Berbasis Screen Printed-Carbon Electrode Berlapis Bismut.”
- Padilla, Víctor & Serrano, Núria & Díaz-Cruz, José. (2021). Determination of Trace Levels of Nickel(II) by Adsorptive Stripping Voltammetry Using a Disposable and Low-Cost Carbon Screen-Printed Electrode. *Chemosensors*. 9. 94. 10.3390/chemosensors9050094.
- Paiva, Victor Magno et al. (2021). “Electrochemical Sensor for Ethylene Glycol Using Reduced Graphene Oxide/AuNp/Ni(OH)₂ Modified Glassy Carbon Electrode.” *Materials Research* 24(5).
- Pokpas, Keagan, Nazeem Jahed, Priscilla G. Baker, and Emmanuel I. Iwuoha. (2017). "Complexation-Based Detection of Nickel(II) at a Graphene-Chelate Probe in the Presence of Cobalt and Zinc by Adsorptive Stripping Voltammetry" *Sensors* 17, no. 8: 1711. <https://doi.org/10.3390/s17081711>
- Rezaei, Behzad & Rezaei, Ehsan. (2006). Simultaneous determination of trace amounts of nickel, cobalt, and zinc in the wastewater of a galvanic

- workshop by using adsorptive cathodic stripping voltammetry. *Journal of Analytical Chemistry – J Anal Chem-Engl Tr.* 61. 262-265. 10.1134/S1061934806030129.
- Said, Nusa Idaman. (2018). “Metoda Penghilangan Logam Berat (As, Cd, Cr, Ag, Cu, Pb, Ni Dan Zn) Di Dalam Air Limbah Industri.” *Jurnal Air Indonesia* 6(2): 136–48.
- Sandifer, J.R. (2004). “Electroanalytical Techniques.” *Kirk-Othmer Encyclopedia of Chemical Technology.* 9(1): 567–90.
- Sharma, P. & Jodha, K.. (2014). Voltammetric simultaneous determination of nickel and cobalt in industrial waste waters. *Journal of the Indian Chemical Society.* 91. 1943-1946.
- Sugandi, Jilva Novandarys, Suwandi, and Memoria Rosi. (2018). “Rancang Bangun Potensiostat Berbasis Mikrokontroler Potentiostat Design Based on Mikrokontroler.” 5(3): 5873–80.
- Sutamihardja, (2006). Toksikologi Lingkungan. Buku Ajar Program Studi ilmu Lingkungan Universitas Indonesia. Jakarta: UI
- Wang J, (2000), *Analytical Electrochemistry*, 2nd -ed, A John Willey and Sons, Inc., Publication. New York, pp. 81-84 and 108-110.
- Widayah, Sri. (2010). “Deteksi Ion Logam Berat Secara Simultan Pada Elektroda Boron- Doped Diamond Dengan Elektroda Boron-Doped Diamond Dengan Metode.” *Tesis.*
- Yadav, Manavi, Radhika Gupta, and Rakesh Kumar Sharma. (2018). *Advances in Water Purification Techniques: Meeting the Needs of Developed and Developing Countries Green and Sustainable Pathways for Wastewater Purification.* Elsevier Inc. <http://dx.doi.org/10.1016/B978-0-12-814790-0.00014-4>.