DAFTAR PUSTAKA

Aljulaih, G. H., Savita, ;, Authors, L., & Affiliations, L. (2022). *Anatomy, Head and Neck, Tongue Taste Buds*. Treasure Island (FL): StatPearls Publishing. https://www.ncbi.nlm.nih.gov/books/NBK539696/#:~:text=There

Alva, S., Binti Abdul Aziz, A. S., Bin Syono, M. I., & Bin Wan Jamil, W. A. (2018). Ag/AgCl reference electrode based on thin film of arabic gum membran. *Indonesian Journal of Chemistry*, *18*(3), 479–485. https://doi.org/10.22146/ijc.28859

Baranwal, J., Barse, B., Gatto, G., Broncova, G., & Kumar, A. (2022). Electrochemical Sensors and Their Applications: A Review. In *Chemosensors* (Vol. 10, Issue 9). MDPI. https://doi.org/10.3390/chemosensors10090363

Bard, A.J. and Faulkner, L.R. (2001) Electrochemical Methods: Fundamentals and Applications. 2nd Edition, John Wiley & Sons.

Bratov, A., Abramova, N., & Ipatov, A. (2010). Recent trends in potentiometric sensor arrays-A review. In *Analytica Chimica Acta* (Vol. 678, Issue 2, pp. 149–159). https://doi.org/10.1016/j.aca.2010.08.035

Buck, C.E., J.A. Christen, J.B. Kenworthy dan C.D. Litton. 1994. "Estimating The Duration Of Archaeological Activity Using 14C Determinations". Oxford Journal of Archaeology 13 (2): 229-240.

Cleveland. (2022). *Function Anatomy Conditions and Disorders Care Ad*. https://my.clevelandclinic.org/health/body/22845-tongue

De Marco, R., & Clarke, G. (2009). *Ion-Selective Electrodes*. Encyclopedia of Electrochemical Power Sources. https://doi.org/10.1016/B978-044452745-5.00848-0

Ding, J., & Qin, W. (2020). Recent advances in potentiometric biosensors. In *TrAC - Trends in Analytical Chemistry* (Vol. 124). Elsevier B.V. https://doi.org/10.1016/j.trac.2019.115803

Gelfman, D. M. (2021). Reflections on quinine and its importance in dermatology today. *Clinics in Dermatology*, *39*(5), 900–903. https://doi.org/10.1016/j.clindermatol.2021.08.017

Karyana, & A.A. Wiradewi Lestari. (2017). *Ion Selective Electrode*. Bagian Patologi Klinik Universitas Udayana Denpasar. https://simdos.unud.ac.id/uploads/file_penelitian_1_dir/b266090222190e72a1a82dfa081dfbda.pdf

Jing, Y., Watanabe, K., Watanabe, T., Kimura, S., & Toko, K. (2023). Development and Optimization of a Highly Sensitive Sensor to Quinine-Based Saltiness Enhancement Effect. *Sensors*, *23*(6). https://doi.org/10.3390/s23063178

Khan, A., Ahmed, S., Sun, B. Y., Chen, Y. C., Chuang, W. T., Chan, Y. H., Gupta, D., Wu, P. W., & Lin, H. C. (2022). Self-healable and anti-freezing ion conducting hydrogel-based artificial bioelectronic tongue sensing toward astringent and bitter tastes. *Biosensors and Bioelectronics*, *198*. https://doi.org/10.1016/j.bios.2021.113811

Kobayashi, Y., Habara, M., Ikezazki, H., Chen, R., Naito, Y., & Toko, K. (2010). Advanced taste sensors based on artificial lipids with global selectivity to basic taste qualities and high correlation to sensory scores. In *Sensors* (Vol. 10, Issue 4, pp. 3411–3443). https://doi.org/10.3390/s100403411

Kobayashi, Y., Hamada, H., Yamaguchi, Y., Ikezaki, H., & Toko, K. (2009). Development of an artificial lipid-based membran sensor with high selectivity and sensitivity to the bitterness of drugs and with high correlation with sensory score. *IEEJ Transactions on Electrical and Electronic Engineering*, *4*(6), 710–719. https://doi.org/10.1002/tee.20469

Kovacs, Z., Szöllosi, D., Zaukuu, J. L. Z., Bodor, Z., Vitális, F., Aouadi, B., Zsom-Muha, V., & Gillay, Z. (2020a). Factors influencing the long-term stability of electronic tongue and application of improved drift correction methods. *Biosensors*, *10*(7). https://doi.org/10.3390/BIOS10070074

Kovacs, Z., Szöllosi, D., Zaukuu, J. L. Z., Bodor, Z., Vitális, F., Aouadi, B., Zsom-Muha, V., & Gillay, Z. (2020b). Factors influencing the long-term stability of electronic tongue and application of improved drift correction methods. *Biosensors*, *10*(7). https://doi.org/10.3390/BIOS10070074

Kovacs, Z., Szöllosi, D., Zaukuu, J. L. Z., Bodor, Z., Vitális, F., Aouadi, B., Zsom-Muha, V., & Gillay, Z. (2020c). Factors influencing the long-term stability of electronic tongue and application of improved drift correction methods. *Biosensors*, *10*(7). https://doi.org/10.3390/BIOS10070074

Kuswandi, B., Wicaksono, Y., Jayus, Abdullah, A., Heng, L. Y., & Ahmad, M. (2019). Smart packaging: Sensors for monitoring of food quality and safety. *Sensing and Instrumentation for Food Quality and Safety*, *5*(3–4), 137–146. https://doi.org/10.1007/s11694-011-9120-x

Łabańska, M., Ciosek-Skibińska, P., & Wróblewski, W. (2019). Critical evaluation of laboratory potentiometric electronic tongues for pharmaceutical analysis—an overview. *Sensors*, *19*(24). https://doi.org/10.3390/s19245376

Larsson K. (2006). Lipids : structure physical properties and functionality. Oily Press. Retrieved October 19 2023 https://www.sciencedirect.com/science/book/9780953194995.

Özbek, O., & Berkel, C. (2022). Recent advances in potentiometric analysis: Paper–based devices. In *Sensors International* (Vol. 3). KeAi Communications Co. https://doi.org/10.1016/j.sintl.2022.100189

Podrazka, M., Bączyńska, E., Kundys, M., Jeleń, P. S., & Nery, E. W. (2017). Electronic tongue-A tool for all tastes? In *Biosensors* (Vol. 8, Issue 1). MDPI. https://doi.org/10.3390/bios8010003

Raffy, S., & Teissié, J. (1999). *Control of Lipid Membran Stability by Cholesterol Content*. https://doi.org/10.1016/S0006-3495(99)77363-7

Sharma, G., Kumar, S., Kumar, A., Sharma, A., Kumar, R., Kaur, R., & Bhondekar, A. P. (2015). Development of Lipid Membran Based Taste Sensors for Electronic Tongue. *Procedia Computer Science*, *70*, 146–152. https://doi.org/10.1016/j.procs.2015.10.062

Sousa, M. E. B. C., Dias, L. G., Veloso, A. C. A., Estevinho, L., Peres, A. M., & Machado, A. A. S. C. (2014). Practical procedure for discriminating monofloral honey with a broad pollen profile variability using an electronic tongue. *Talanta*, *128*, 284–292. https://doi.org/10.1016/j.talanta.2014.05.004

Stone, M., Woo, J., Lee, J., Poole, T., Seagraves, A., Chung, M., Kim, E., Murano, E. Z., Prince, J. L., & Blemker, S. S. (2018). Structure and variability in human tongue muscle anatomy. *Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization*, *6*(5), 499–507. https://doi.org/10.1080/21681163.2016.1162752

Tahara, Y., & Toko, K. (2018). Electronic tongues-a review. In *IEEE Sensors Journal* (Vol. 13, Issue 8, pp. 3001–3011). https://doi.org/10.1109/JSEN.2013.2263125

Toko, K. (2018). Taste sensor with global selectivity. In *Materials Science and Engineering C* (Vol. 4). Kyushu University. https://doi.org/10.1016/0928-4931(96)00134-8

Toko, K., Hara, D., Tahara, Y., Yasuura, M., & Ikezaki, H. (2014). Relationship between the amount of bitter substances adsorbed onto lipid/polymer membran and the electric response of taste sensors. *Sensors*, *14*(9), 16274–16286. https://doi.org/10.3390/s140916274

Toko, K., Tahara, Y., Habara, M., & Ikezaki, H. (2021). Potentiometric electronic tongue using lipid/polymer membran. In *Electronic Tongues*. IOP Publishing. https://doi.org/10.1088/978-0-7503-3687-1ch2

Wu, X., Tahara, Y., Kuwamoto, K., Kuriyaki, H., & Toko, K. (2015). Taste sensor as a science teaching material. IEEJ Transactions on Sensors and Micromachines, 135(2), 65–70.

Wu, X., Onitake, H., Huang, Z., Shiino, T., Tahara, Y., Yatabe, R., Ikezaki, H., & Toko, K. (2017a). Improved durability and sensitivity of bitterness-sensing membran for medicines. *Sensors*, *17*(11). https://doi.org/10.3390/s17112541

Wu, X., Onitake, H., Huang, Z., Shiino, T., Tahara, Y., Yatabe, R., Ikezaki, H., & Toko, K. (2017b). Improved durability and sensitivity of bitterness-sensing membran for medicines. *Sensors*, *17*(11). https://doi.org/10.3390/s17112541

Wu, X., Tahara, Y., Yatabe, R., & Toko, K. (2020). *Taste Sensor: Electronic Tongue with Lipid Membrans* (Vol. 36). https://doi.org/10.2116/analsci.19R008

Wu, X., & Toko, K. (2023). Taste sensor with multiarray lipid/polymer membrans. In *TrAC - Trends in Analytical Chemistry* (Vol. 158). Elsevier B.V. https://doi.org/10.1016/j.trac.2022.116874