DAFTAR PUSTAKA

Agustia, F.D., 2015, Rancang Bangun dan Karakterisasi Sensor Rasa Berbasis Membran Selektif Ion Untuk Mengukur Respon Potensial Larutan Lima Rasa Dasar, Skripsi, Jurusan Ilmu Komputer dan Elektronika FMIPA UGM, Yogyakarta.

Amerongen, AV Nieuw. 1991. *Ludah dan Kelenjar Ludah*. Yogyakarta: Universitas Gadjah Mada hlm. 6-7, 173-8.

Aneke, R., 2010. *Tinjauan Sistem Analisa Data Lidah Elektronik (Elektronic Tongue Data Analysis Sistem)*. Volume LV. No. 3 pp 7-15. Diakses pada 25 Januari 2016.

Badan Narkotika Nasional, 2007. Kumpulan Hasil-hasil Penelitian Penyalahgunaan dan Peredaran Gelap Narkoba di Indonesia Tahun 2003-2006. http : //www.bnn.go.id.

Balducci, C., Nervegna, G. dan Cecinato, A., 2009, Evaluation of principal cannabinoids in airborne particulates, *Analytica Chimica Acta*, [Online] 641 (1–2), 89–94, tersedia di DOI:10.1016/j.aca.2009.03.037.

Budi R W., 2004. *Aspek Neurologik Gangguan Rasa Pengecapan*. Majalah Kedokteran Atma Jaya. 3(3). hlm. 155-6.

Choiriyah, A., 2016, Pengujian Array Sensor Berbasis Membran Lipid Untuk Klasifikasi Pola Rasa Kebasian Susu Menggunakan Metode Linear Discriminant Analysis (LDA) (Studi Kasus Pada Susu Sapi dan Susu Kambing), Skripsi, Jurusan Fisika Fakultas Sains dan Teknologi Universitas Islam Negeri Maulana Malik Ibrahim, Malang

Dias, L.A., Peres, A.M., Vilas-Boas, M., Rocha, M.A., Estevinho, L. dan Machado, A.A.S.C., 2008, An electronic tongue for honey classification, *Microchimica Acta*, [Online] 163 (1–2), 97–102, tersedia di DOI:10.1007/s00604-007-0923-8.

Domínguez, R.B., Moreno-Barón, L., Muñoz, R. dan Gutiérrez, J.M., 2014, Voltammetric electronic tongue and support vector machines for identification of selected features in Mexican coffee., *Sensors (Basel, Switzerland)*, [Online] 14 (9), 17770–17785, tersedia di DOI:10.3390/s140917770.

Efa, M., 2014, ANALISIS NAPZA MORFIN, [Online], tersedia di *http://efamuniar.blogspot.co.id/2014/07/msds-analisis-napza-morfin.html*, diakses 18 September 2016.

Escuder-Gilabert, L. dan Peris, M., 2010, Review: Highlights in recent applications of electronic tongues in food analysis, *Analytica Chimica Acta*, [Online] 665 (1), 15–25, tersedia di DOI:10.1016/j.aca.2010.03.017.

Fraden, J., 2010. *Handbook of Modern Sensor. Physics, Design, and Application. Fourth Edition*. New York: Springer.

Freden, J., 2003, *Handbook of Modern Sensor : Physics, Designs, and Applications,* Springer, New York.

Guyton, A C., Buku ajar fisiologi kedokteran (Indera Kimia-pengecapan dan

penciuman), Alih Bahasa. Irawati Setiawan, Jakarta: EGC Penerbit Buku Kedokteran, 2001:841-6.

Haddi, Z., Amari, A., Alami, H., El Bari, N., Llobet, E. dan Bouchikhi, B., 2011, A portable electronic nose system for the identification of cannabis-based drugs, *Sensors and Actuators, B: Chemical*, [Online] 155 (2), 456–463, tersedia di DOI:10.1016/j.snb.2010.12.047.

Hanna Instrument, 2015, *General Catalog Hanna Instruments,* volume 27. www.hannainst.com, diakses pada tanggal 14 September 2016.

Hayashi, N., Chen, R., Ikezaki, H., Yamaguchi, S., Maruyama, D., Yamaguchi, Y., Ujihara, T. dan Kohata, K., 2006, Techniques for universal evaluation of astringency of green tea infusion by the use of a taste sensor system., *Bioscience, biotechnology, and biochemistry*, [Online] 70 (3), 626–631, tersedia di DOI:10.1271/bbb.70.626.

Jacewicz, M. 2008. *Smell and taste disorders*, (Merck Manual Hand Books). http://www.merckmanuals.com/home/print/ear_nose_and_throatdisorders/ nose_sinus_and_taste_disorders/smell_and_taste_disorders.html#index.

Lelono, D., Triyana, K., Hartati, S., Amalinda, F. dan Usuman, U.K.I., 2011, Rancang Bangun Prototipe Sensor Rasa Elektronik Berbasis Membran Selektif Ion, IJEIS, 131–35,

Lvova, L., Martinelli, E., Dini, F., Bergamini, A., Paolesse, R., Di Natale, C. dan D'Amico, A., 2009, Clinical analysis of human urine by means of potentiometric Electronic tongue, *Talanta*, [Online] 77 (3), 1097–1104, tersedia di DOI:10.1016/j.talanta.2008.08.021.

Nadack. Wison, 1983, Korban Ganja dan Masalah Narkotika, Indonesia Publishing House, Bandung, hal. 122

Nunez, L., Cet??, X., Pividori, M.I., Zanoni, M.V.B. dan del Valle, M., 2013, Development and application of an electronic tongue for detection and monitoring of nitrate, nitrite and ammonium levels in waters, *Microchemical Journal*, [Online] 110273–279, tersedia di DOI:10.1016/j.microc.2013.04.018.

Nystr, S., 2003, *Evaluation of a New Method for Extraction of Drift-Stable Information from Electronic Tongue Measurements*,

Olyvia. 2017 https://cnnindonesia.com/tembakau-gorila diakses pada pada 23 april 2017 pukul 02.15 WIB

Permana, Oki B. 2017 https://news.detik.com/berita/d-3387861/bnn-akan-masukkan-tembakau-gorila-ke-uu-narkotika diakses pada 25 april 2017 pukul 01.15 WIB

Phat, C., Moon, B. dan Lee, C., 2016, Evaluation of umami taste in mushroom extracts by chemical analysis, sensory evaluation, and an electronic tongue system, *Food Chemistry*, [Online] 1921068–1077, tersedia di DOI:10.1016/j.foodchem.2015.07.113.

Rudystina, A., 2017, 4 Jenis Narkoba Populer di Indonesia dan Bahayanya Bagi Tubuh,

Samadikun, S., Rio, R., Mengko, T., 1989, *Sistem Instrumentasi Elektronika,* PAU Bidang Mikroelektronika-ITB, Bandung

Sasangka H, 2003. Narkotika dan Psikotropika dalam Hukum Pidana. Mandar Maju, Bandung.

Savitri, D. 1997. *Kelainan Jaringan Lunak Rongga Mulut Akibat Proses Menua*. Majalah Kedokteran Gigi (Dental Jurnal). 3(3). hlm. 112

Sharma, S. 1996. *Applied Multivariate Techniques*. John Willey & Sons.

Shen, H.F., 2008, *Caffeine Detection Using Taste Sensor with Lipid / Polymer Membranes*, 20 (4), 652–655,

Sipos, L., Kov??cs, Z., S??gi-Kiss, V., Csiki, T., K??kai, Z., Fekete, A. dan H??berger, K., 2012, Discrimination of mineral waters by electronic tongue, sensory evaluation and chemical analysis, *Food Chemistry*, [Online] 135 (4), 2947–2953, tersedia di DOI:10.1016/j.foodchem.2012.06.021.

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.

Tahara, Y. dan Toko, K., 2013, Electronic tongues-a review, *IEEE Sensors Journal*, [Online] 13 (8), 3001–3011, tersedia di DOI:10.1109/JSEN.2013.2263125.

Toko, K., Hara, D., Tahara, Y., Yasuura, M. dan Ikezaki, H., 2014, Relationship between the amount of bitter substances adsorbed onto lipid/polymer membrane and the electric response of taste sensors, *Sensors (Switzerland)*, [Online] 14 (9), 16274–16286, tersedia di DOI:10.3390/s140916274.

Toko, K. 1996. *Taste Sensor With Global Selectivity*. Japan: Kyushu University.

Toko, K., 2000, Taste sensor, Sensors and Actuantors B 64, [Online] 205–215, tersedia di DOI:10.1016/0928-4931(96)00134-8.

UNODC, 2006. World Drug Report 2006.

Wang, L., Niu, Q., Hui, Y. dan Jin, H., 2015, Discrimination of rice with different pretreatment methods by using a voltammetric electronic tongue, *Sensors (Switzerland)*, [Online] 15 (7), 17767–17785, tersedia di DOI:10.3390/s150717767.

Wang, X., Zhang, B., Yang, Z., Wang, H. dan Zhang, D., 2013, Statistical analysis of tongue images for feature extraction and diagnostics, *IEEE Transactions on Image Processing*, [Online] 22 (12), 5336–5347, tersedia di DOI:10.1109/TIP.2013.2284070.

Wibowo, B.S., Tazi, I. dan Triyana, K., 2013, *Pengembangan Sistem Sensor Rasa Berbasis Membran*, XVII (April), 9–13,

Zuhara, Cut Fatimah. 2006. *Flavour (citarasa)*. Medan: Universitas Sumatera Utara.