

## DAFTAR PUSTAKA

- Ammann, D., Pretsch, E., & Simon, W., 1985, *Lipophilic salts as membrane additives and their influence on the properties of macro- and micro-electrodes based on neutral carriers*, *Analytica Chimica Acta*, 2<sup>nd</sup> edition, Elsevier Science Publisher, Amsterdam
- Baker, R. W., 2004, *Membrane technologies and applications*, Inc., California
- Fukunaga, K., 1990, *Statistical Pattern Stastical Pattern Recognition*, 2<sup>nd</sup> edition, Academic Press, San Diego
- Gutiérrez, M., Alegret, S., Caceres, R., Casadesus, J., Marfa, O., Del Valle, M., 2008, *Nutrient solution monitoring in greenhouse cultivation employing a potentiometric electronic tongue*, *Journal of Agricultural and Food Chemistry*, 56(6), pp. 1810–1817.
- Hayashi, N., Chen, R., Ikezaki, H., Ujihara, T., 2008, *Evaluation of the umami taste intensity of green tea by a taste sensor*, *Journal of Agricultural and Food Chemistry*, 56(16), pp. 7384–7387.
- Inayah, A., 2018, Analisis kemometrik menggunakan *linear discriminant analysis* dan *partial least square* dari sampel minyak babi dan minyak sawit berbasis data FTIR, *Skripsi*, Fakultas Sains dan Teknologi, Universitas Maulana Malik Ibrahim, Malang.
- Kadidae, L. O., Siswanta, D., and Mudasir, 2001, Sintesis Benzileugenol dan Pemanfaatannya Sebagai Komponen Membran Elektroda Selektif Ion, *Disertasi*, Program Pasca Sarjana Ilmu Kimia, Universitas Gadjah Mada, Yogyakarta
- Kobayashi, Y., Habara, M., Ikezaki, 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*, *Sensors*, 10 (4), pp. 3411–

3443.

- Lelono, D. Triyana, K., Hartati. S., Amalinda, F. dan Usman, U.K.I., 2013, Rancang Bangun Prototipe Sensor Rasa Elektronik Berbasis Membran Selektif Ion, *Indonesian Journal of Electronics and Instrumentation Systems*, 1(1), pp. 31–34.
- Lozano, J., Ghasemi-Varnamkhasti, M., Apetrei, C., and Anyogu, A., 2018, *Potential use of electronic noses, electronic tongues and biosensors as multisensor systems for spoilage examination in foods*, Elsevier Science Publisher, www.elsevier.com
- Nadia, L., Apriyantono, A. and Rahayu, W. P., 2004, Karakteristik Rasa Gurih Pada Beberapa Produk Pangan, *Jurnal Matematika, Sains dan Teknologi*, 5(2), pp. 97–106.
- Nystrom, S., 2003, *Evaluation of a New Method for Extraction of Drift-Stable Information from Electronic Tongue Measurements*, Thesis, Institutionen för Systemteknik , Linköpings universitet, Swedish
- Permana, A., Sulistiyo, M. D. dan Wulandari, G. S., 2015, Optimasi *Genetic Algorithm* dengan *Simulated Annealing* untuk *Multiple Depot Capacitated Vehicle Routing Problem*, *Indonesia Symposium On Computing*, Jakarta
- Punyatoya Mohapatra and Suranjan Panigrahi, 2013, *Artificial taste sensors: An overview*, North Central Inter-sectional Conference 2006, North Dakota
- Sousa, M. E. B. C., Dias, G. L., Veleso, A.C.A, Estevinho, L., Peres, M.A., Machado, A.A.S.C, 2014, *Practical procedure for discriminating monofloral honey with a broad pollen profile variability using an electronic tongue*, *Talanta*, 128, pp. 284–292.
- Tahara, Y. and Toko, K., 2013, *Electronic Tongues – A Review*, *IEEE Sensors Journal*, 13, 8, pp. 3002 - 3011
- Tazi, I. et al. (2017) ‘Detection of taste change of bovine and goat milk in room ambient

using electronic tongue', *Indonesian Journal of Chemistry*, 17(3), pp. 422–430.  
doi: 10.22146/ijc.25288.

Tazi, I. et al. (2018) 'Dairy products discrimination according to the milk type using an electrochemical multisensor device coupled with chemometric tools', *Journal of Food Measurement and Characterization*, 12(4), pp. 2385–2393. doi: 10.1007/s11694-018-9855-8.

Tazi, I., Triyana, K. and Siswanta, D., 2016, *A novel Arduino Mega 2560 microcontroller-based electronic tongue for dairy product classification*, AIP Conference Proceedings.

Toko, K., 1995, *Taste Sensor*, Sensors and Actuators B 64, 1995(5), pp. 334–342.

Tunggala, S., Dewi, N. and Asnawati, 2016, Perbandingan Sensitivitas Lidah Terhadap Rasa Manis dan Pahit pada Orang Menginang dan Tidak Menginang di Kecamatan Lokpaikat Kabupaten Tapin', *Dentino: Jurnal Kedokteran Gigi*, 1(2), pp. 169–172.

Valle, M., 2017, *Materials for Electronic Tongues : Smart Sensor Combining Different Materials and Chemometric Tools*, Materials for Electronic Tongues: Smart Sensor Combining, pp. 227-265

Wangko, S., 2014, Papila Lidah Dan Kuncup Kecap', *Jurnal Biomedik (Jbm)*, 5(3), p. 2013.

Widyastuti, A., 2010, Pengenalan Motif Batik Yogyakarta Dengan Metode Linear Discriminant Analysis (Lda) (Studi Kasus Di Museum Batik Yogyakarta), *Skripsi*, Fakultas Sains dan Teknologi, Universitas Sanata Dharma, Yogyakarta