

DAFTAR PUSTAKA

- Aliahmadi, M., Amiri, F., Bahrami, L., Hosseini, A., Abiri, B. & Vafa, M. (2021). Effects of Raw Red Beetroot Consumption on Metabolic Markers and Cognitive Function in Type 2 Diabetes Patients. *Journal of Diabetes & Metabolic Disorders*, 20, pp.673-682.
- Alizar, G. (2020). Usefulness of Beetroot (*Beta vulgaris L.*) as Antihypertensive Therapy. *Jurnal Ilmiah Kesehatan Sandi Husada*, 9(2), pp.817-823.
- American Heart Association. (2017). Guideline for the Prevention, Detection, Evaluation, and Management of High Blood Pressure in Adults: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines. *Journal of the American College of Cardiology*, 71(19), pp.e127-e248.
- Ananingsih, V., Pratiwi, A. & Murwati F. (2015). *Pengolahan Serbuk Perwarna Alami Bit Merah*. Semarang : Penerbit Universitas Katolik Soegijapranata.
- Anderson, R., Zhan, Z., Luo, R., Guo, X., Guo, Q., Zhou, J., Kong, J., Davis, P. & Stoecker, B. (2015). Cinnamon Extract Lowers Glucose, Insulin, and Cholesterol in People with Elevated Serum Glucose. *Journal of Traditional and Complementary Medicine*, 6(4), pp.332-336.
- Arifani, R., Widyastuti, N. & Nissa, C. (2019). Pengaruh Pemberian Tepung Sorgum (*Sorghum bicolor L. Moench*) terhadap Tekanan Darah Sistolik Tikus Wistar (*Rattus norvegicus*) Diabetes. *Journal of Nutrition College*, 8(4), pp.238-245.
- Arifin W. & Zahiruddin, W. (2017). Sample Size Calculation in Animal Studies using Resource Equation Approach. *The Malaysian Journal of Medical Sciences*, 24(5), pp.101-105.

Asemi, Z. Samimi, M., Tabassi, Z., Rad, M., Foroushani, A., Khorammian, H. & Esmailzadeh, A. (2013). Effect of Daily Consumption of Probiotic Yoghurt on Insulin Resistance in Pregnant Women: A Randomized Controlled Trial. *European Journal of Clinical Nutrition*. 67, pp.71-74.

Biesalski, H., Dragsted, L., Elmadfa, I., Grossklaus, R., Müller, M., Schrenk, D., Walter, P., Weber, P. (2009). Bioactive Compounds: Definition and Assessment of Activity. *Nutrition*, 25(11), pp.1202-1205.

Centers for Disease Control and Prevention. (2021). *Diabetes Tests*. [Internet]. Centers for Disease Control and Prevention. Tersedia dalam: <<https://www.cdc.gov/diabetes/basics/getting-tested.html>> [Diakses 4 Maret 2022].

Chandan, R. (2017). An Overview of Yoghurt Production and Composition. Di dalam: Shah, N. *Yoghurt in Health and Diseases Prevention*. United Kingdom : Academic Press.

Chandan, R., Gandhi, A. & Shah, N. (2017). Yoghurt: Historical Background, Health Benefits, and Global Trade. Di dalam: Shah, N. *Yoghurt in Health and Diseases Prevention*. United Kingdom : Academic Press.

Dakhale, G., Chaudhari, H. & Shrivastava, M. (2011). Supplementation of Vitamin C Reduces Blood Glucose and Improves Glycosylated Hemoglobin in Type 2 Diabetes Mellitus: A Randomized, Double-Blind Study. *Advances in Pharmacological and Pharmaceutical Sciences*, 2011.

Data Komposisi Pangan Indonesia. (2018). *Mentega (Margarin)* [Internet]. Kementerian Kesehatan Republik Indonesia. Tersedia dalam: <<https://www.panganku.org/id-ID/view>> [Diakses 19 April 2023].

Delacre, M., Leys, C., Mora, L. & Lakens, D. (2019). Taking Parametric Assumptions Seriously: Arguments for the Use of Welch's *F*-test instead of the

Classical *F*-test in *One-Way ANOVA*. *International Review of Social Psychology*, 32(1).

Dewi, N., Memunah, N. & Putri, R. (2020). Gambaran Asupan Nutrisi di Masa Pandemi pada Mahasiswa. *Care: Jurnal Ilmu Kesehatan*, 8(3), pp.369-382.

Dinas Pertanian Kabupaten Buleleng. (2020). *Mengenal Buah Bit serta Manfaatnya untuk Kesehatan*. [Internet]. Dinas Pertanian Kabupaten Buleleng. Tersedia dalam: <<https://distan.bulelengkab.go.id/informasi/detail/artikel/mengenal-buah-bit-serta-manfaatnya-untuk-kesehatan-63>> [Diakses 3 Maret 2022].

Ebrahimi, F., Rad, A., Mosen, M., Abbasalizadeh, F., Tabrizi, A. & Khalili, L. (2019). Effect of *L. acidophilus* and *B. lactis* on Blood Glucose in Women with Gestational Diabetes Mellitus: A Randomized Placebo-controlled Trial. *Diabetology & Metabolic Syndrome*. 11(75).

Emmawati, A., Rizaini, R. dan Rahmadi, A. (2020). Perubahan Populasi Bakteri Asam Laktat, Kapang/Khamir, Keasaman, dan Respons Sensoris YOGHURT Durian. *Journal of Tropical AgriFood*, 2(2), pp.79-89.

Faddladdeen, K. (2022). The Possible Protective and Therapeutic Effects of Ginger and Cinnamon on the Testis and Coda Epididymis of Streptozotocin-induced-diabetic Rats: Histological and Biochemical Studies. *Saudi Journal of Biological Sciences*, 29.

Fadlilah, S., Rahil, N. & Lanni, F. (2020). Analisis Faktor yang Mempengaruhi Tekanan Darah dan Saturasi Oksigen Perifer (SPO₂). *Jurnal Kesehatan Kusuma Husada*, 11(1), pp.21-30.

Farida, T., Suhartono & Kartika, I. (2020). Pengaruh Variasi Komposisi Susu Skim terhadap Kadar Asam Amino pada Yoghurt Sari Jagung Manis (*Zea mays* L. *saccharata*). *Jurnal Riset Sains dan Kimia Terapan*, 9(1), pp.33-44.

- Febriani, W. (2017). Efek Pemberian Simvastatin terhadap Kadar Kolesterol Telur Puyuh. *BIOSFER:Jurnal Tadris Pendidikan Biologi*, 8(2), pp.158- 170.
- Fiorenza, M., Maslachah, L., Meles, D., Widiyatno, T., Yuliani, G., Ntoruru, J. & Luqman, E. (2022). Effect of Mahogany (*Swietenia mahagoni* Jacq.) Extract on the Islet Cells' Number and Blood Glucose Levels of Alloxan-induced Diabetic Rat. *International Journal of Drug Delivery Technology*, 12(3), pp.1004-1008.
- Firani, N. (2017). *Metabolisme Karbohidrat: Tinjauan Biokimia dan Patologis*. Malang : UB Press.
- Ghasemi, A., Jeddi, S. & Kashfi, K. (2021). The Laboratory Rat: Age and Body Weight Matter. *EXCLI Journal*, 20, 1431-1445.
- Guo, X., Sun, W., Huang, L., Wu, L., Hou, Y., Qin, L. & Liu, T. (2017). Effect of Cinnamaldehyde on Glucose Metabolism and Vessel Function. *Medical Science Monitor*, 23, pp.3844-3853.
- Hadi, A., Campbell, M., Hassani, B., Pourmasoumi, M., Sahlabadi, A. & Hosseini, S. (2020). The Effect of Cinnamon Supplementation on Blood Pressure in Adults: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. *Clinical Nutrition ESPEN*, 36, pp.10-16.
- Hadipour, E., Taleghani, A., Tayarani-Najaran, N. & Tayarani-Najaran, Z. (2020). Biological Effects of Red Beetroot and Betalains: A Review. *Phytotherapy Research*, 34(8), pp.1847-1867.
- Hamzah, B., Akbar, H., Faisal, Rafsanjani, T., Sartika, Sinaga, A., Hidayani, W., Agustawan, Panma, Y. & Bela, S. (2021). *Teori Epidemiologi Penyakit Tidak Menular*. Aceh : Yayasan Penerbit Muhammad Zaini.

- Helmalia, A., Putrid & Dirpan, A. (2019). Potensi Rempah – rempah Tradisional sebagai Sumber Antioksidan Alami untuk Bahan Baku Pangan Fungsional. *Canrea Journal*, 2(1), pp.26-31.
- Hermanto, S., Muawanah, A. & Wardhani, P. (2010). Analisis Tingkat Kerusakan Lemak Nabati dan Lemak Hewani Akibat Proses Pemanasan. *Jurnal Valensi*, 1(6), pp.262-268.
- Homan, T., Bordes, S. Cichowski, E. (2018). *Physiology, Pulse Pressure*. Treasure Island (FL) : StatPearls Publishing.
- Husna, F., Suyatna, F., Arozal, W. & Purwaningsih, E. (2019). Model Hewan Coba pada Penelitian Diabetes. *Pharmaceutical Sciences and Research (PSR)*, 6(3), pp.131-141.
- Idris, H. & Mayura, E. (2019). *Sirkuler Informasi, Teknologi Tanaman Rempah dan Obat: Teknologi Budidaya dan Pasca Panen Kayu Manis (Cinnamomum burmanii)*. Bogor : Balai Penelitian Tanaman Rempah dan Obat.
- Irwan. (2016). *Epidemiologi Penyakit Tidak Menular*. Yogyakarta : Deepublish.
- Ismawati, N., Nurwantoro & Pramono, Y. (2016). Nilai pH, Total Padatan Terlarut, dan Sifat Sensoris Yoghurt dengan Penambahan Estrak Bit (*Beta vulgaris L.*). *Jurnal Aplikasi Teknologi Pangan*, 5(3), pp.89-93.
- Jones, T., Dunn, E., Macdonald, J., Kubis, H., McMahon, N. & Sandoo, A. (2019). The Effects of Beetroot Juice on Blood Pressure, Microvascular Function and Large-Vessel Endothelial Function: A Randomized, Double-Blind, Placebo-Controlled Pilot Study in Healthy Older Adults. *Nutrients*, 11(8).
- Kadir, N., Rahmat, A. & Jaafar, H. (2015). Protective Effects of Tamarillo (*Cyphomandra betacea*) Extract against High Fat Diet Induced Obesity in Sprague-Dawley Rats. *Journal of Obesity*, 2015.

- Kementerian Kesehatan Republik Indonesia. (2018). *Laporan Nasional Riset Kesehatan Dasar 2018*. Jakarta : Kementerian Kesehatan Republik Indonesia.
- Khan, I., Nadeem, M., Imran, M. & Khaliq, A. (2020). Impact of Post Fermentation Cooling Patterns on Fatty Acid Profile, Lipid Oxidation, and Antioxidant Features of Cow and Buffalo Milk Set YOGHURT. *Lipids in Health and Disease*, 74.
- Komang, M., Putu, T. & Nengah, A. (2014). Studi Pengaruh Lamanya Pemaparan Medan Magnet terhadap Jumlah Sel Darah Putih (Leukosit) pada Tikus Putih (*Rattus norvegicus*). *Buletin Fisika*, 15(1), pp. 31-38.
- Kong, C., Li, Z., Mao, Y., Chen, H., Hu, W., Han, B. & Wang, L. (2021). Probiotic Yogurt Blunts the Increase of Blood Pressure in Spontaneously Hypertensive Rats via Remodeling of the Gut Microbiota. *Food & Function*, 12(20), pp.9773-9783.
- Kukadia, S., Dehbi, H., Tillin, T., Coady, E., Chaturvedi, N. & Hughes, A. (2019). A Double-Blind Placebo-Controlled Crossover Study of the Effect of Beetroot Juice Containing Dietary Nitrate on Aortic and Brachial Blood Pressure Over 24 h. *Frontiers in Physiology*, 10(47).
- Lasker, S., Rahman, M., Parvez, F., Zamila, M., Miah, P., Nahar, K., Kabir, F., Sharmin, S., Subhan, N., Ahsan, G. & Alam, M. (2019). High-fat Diet-induced Metabolic Syndrome and Oxidative Stress in Obese Rats are Ameliorated by Yogurt Supplementation. *Scientific Reports*, 9.
- Le Roy, C., Kurilshikov, A., Leeming, E., Visconti, A., Bowyer, R., Menni, C., Falchi, M., Koutnikova, H., Veiga, P., Zhernakova, A., Derrien, M. & Spector, T. (2022). Yoghurt Consumption is Associated with Changes in the Composition of the Human Gut Microbiome and Metabolome. *BMC Microbiology*, 22(39).

Li, Y., Rahman, S., Huang, Y., Zhang, Y., Ming, P., Zhu, L., Chu, X., Li, J., Feng, S., Wang, X. & Wu, J. (2020). Green Tea Polyphenols Decrease Weight Gain, Ameliorate Alteration of Gut Microbiota, and Mitigate Intestinal Inflammation in Canines with High-fat-diet-induced Obesity. *The Journal of Nutritional Biochemistry*, 78.

Lu, L., Xiong, Y., Zhou, J., Wang, G., Mi, B., Liu, G. (2022). The Therapeutic Roles of Cinnamaldehyde against Cardiovascular Diseases. *Oxidative Medicine and Cellular Longevity*, 2022.

MacMillan.

Magfirah & Christin, V. (2020). Analisis Profil Bobot Badan Tikus dan Gejala Toksis Pada Pemberian Ekstrak Etanol Daun Parang Romang (*Boehmeria virgata*) terhadap Tikus Putih (*Rattus novergicus*). *Journal Farmasi Galenika*, 6(1).

Mahmoodnia, L., Aghadavod, E. & Kopaei, M. (2017). Ameliorative Impact of Cinnamon against High Blood Pressure: An Updated Review. *Journal of Renal Injury Prevention*, 6(3), pp.171-176.

Mao, T., Huang, F., Zhu, X., Wei, D. & Chen, L. (2021). Effects of Dietary Fiber on Glycemic Control and Insulin Sensitivity in Patients with Type 2 Diabetes: A Systematic Review and Meta-Analysis. *Journal of Functional Foods*, 82.

Marisa & Shinta, D. (2018). Perbandingan Toksisitas Kandungan Nikotin pada Perokok Aktif dan Pasif. *Prosiding Seminar Kesehatan Perintis*, 1(2), pp.61-64.

Marnianti, S., Nazaruddin & Cicilia, S. (2021). Mutu Yoghurt Susu Kuda Liar dengan Penambahan Ekstrak Kayu Manis pada Berbagai Konsentrasi. *Pro Food (Jurnal Ilmu dan Teknologi Pangan)*, 7(1), pp.773-784.

- Marques, C., Meireles, M., Norberto, S., Leite, J., Freitas, J., Pestana, D., Faria, A. & Calhau, C. (2016). High-fat Diet-induced Obesity Rat Model: A Comparison Between Wistar and Sprague-Dawley Rat, *Adipocyte*, 5(1), pp.11-21.
- Maryani, P., Ulfa, E. & Rachmawati, E. (2016). Pengaruh Ekstrak Metanol Daun Kayu Kuning (*Arcangelisia flava (L.) Merr.*) terhadap Kadar Kolesterol Total dan Trigliserida Tikus Hiperlipidemia. *E-Journal Pustaka Kesehatan*, 4(1).
- Matthew, T. & Tadi, P. (2021). Blood Glucose Monitoring. Di dalam: *StatPearls* [internet]. Treasure Island (FL) : StatPearls Publishing.
- Mawarti, H., Ratnawati, R. & Lyrawati, D. (2012). Epigallocatechin Gallate Menghambat Resistensi Insulin pada Tikus dengan Diet Tinggi Lemak. *Jurnal Kedokteran Brawijaya*, 27(1), pp.43-50.
- McKnight, P. & Najab, J. (2010). Mann-whitney U Test. *The Corsini Encyclopedia of Psychology*. p.1.
- Moser, M. & Chun, O. (2016). Vitamin C and Heart Health: A Review Based on Findings from Epidemiologic Studies. *International Journal of Molecular Sciences*, 17(8).
- Mutiyani, M., Soeatmadji, D. & Sunindya, B. (2014). Efek Diet Tinggi Karbohidrat dan Diet Tinggi Lemak terhadap Kadar Glukosa Darah dan Kepadatan Sel Beta Pankreas pada Tikus Wistar. *Indonesian Journal of Human Nutrition*, 1(2), pp.106-113.
- Namazi, N., Khodamoradi, K., Khamechi, S., Heshmati, J., Ayati, M. & Larijani, B. (2019). The Impact of Cinnamon on Anthropometric Indices and Glycemic Status in Patients with Type 2 Diabetes: A Systematic Review and Meta-analysis of Clinical Trials. *Complementary Therapies in Medicine*, 43, pp.92-101.

- Nanda, A., Mohapatra, B., Mahapatra, A., Mahapatra, A. & Mahapatra, A. (2021). Multiple Comparison test by Tukey's Honestly Significant Difference (HSD): Do the Confident Level Control Type 1 Error. *International Journal of Statistic and Applied Mathematics*. 6(1), pp. 59-65.
- Nanis, A. & Bakhtiar, R. (2020). Dislipidemia dengan Riwayat Pengobatan Tradisional: Studi Kasus dengan Pendekatan Kedokteran Keluarga. *Jurnal Kedokteran Mulawarman*, 7(3), pp.34-39.
- Nugraha, A., Isdadiyanto, S. & Tana, S. (2018). Histopatologi Hepar Tikus Wistar (*Rattus norvegicus*) Jantan setelah Pemberian Teh Kombucha Konsentrasi 100% dengan Waktu Fermentasi yang Berbeda. *Buletin Anatomi dan Fisiologi*, 3(1), pp.71-78.
- Nugroho, K., Kurniasari, R. & Noviani, T. (2019). Gambaran Pola Makan Sebagai Penyebab Kejadian Penyakit Tidak Menular (Diabetes Mellitus, Obesitas, dan Hipertensi) di Wilayah Kerja Puskesmas Cebongan, Kota Salatiga. *Jurnal Kesehatan Kusuma Husada*, 10(1).
- Nugroho, S., Fauziyah, K., Sajuthi, D. & Darusman, H. (2018). Profil Tekanan Darah Normal Tikus Putih (*Rattus norvegicus*) Galur Wistar dan Sprague-Dawley. *Acta Veterinaria Indonesiana*, 6(2), pp.32-37.
- Oboh, H., Obayiuwana, O., Aihie, E., Iyayi, J. & Udoh, E. (2020). Beetroot (*Beta vulgaris*) Juice Inhibits Key Carbohydrate Metabolising Enzymes Associated with Type II Diabetes. *Nigerian Journal of Basic and Applied Science*, 28(1), pp.01-06.
- Ocampo, D., Paipilla, A., Marin, E., Molina, S., Petro, J. & Idárraga, A. (2018). Dietary Nitrate from Beetroot Juice for Hypertension: A Systematic Review. *Biomolecules*, 8(4), p.134.

- Octavia, Z., Djamiatun, K. & Suci, N. (2017). Pengaruh Pemberian Yoghurt Sinbiotik Tepung Pisang Tanduk terhadap Profil Lipid Tikus Sindrom Metabolik. *Jurnal Gizi Klinik Indonesia*, 13(4), pp.159-169.
- Ogbole, O., Nkumah, A., Linus, A. & Falade, M. (2019). Molecular Identification, In Vivo and In Vitro Activities of *Calvatia gigantea* (macro-fungus) as an Antidiabetic Agent. *Mycology*, 10(3), pp.166-173.
- Olsson, K., Meltendorf, T., Fuge, J., Kamp, J., Park, D., Richter, M., Gall, H., Ghofrani, H., Ferrari, P., Schmiedel, R., Kulla, H., Heitland, I., Lepsy, N., Dering, M., Hoeper, M. & Kahl, K. Prevalence of Mental Disorders and Impact on Quality of Life in Patients with Pulmonary Arterial Hypertension. *Frontiers in Psychiatry*, 12.
- Orea, C., Rastrollo, M., Marti, A., Pimenta, A., Calvo, N. & González, M. (2015). Association between Yogurt Consumption and the Risk of Metabolic Syndrome over 6 Years in the SUN Study. *BMC Public Health*, 15(170).
- Ostertagová, E., Ostertag, O. & Kovác, J. (2014). Methodology and Application of the Kruskal-Wallis Test. *Applied Mechanics and Materials*, 611, pp.115-120.
- Pudjiastuti, P. (2018). Pengukuran Tekanan Darah, Penting Namun Sering Terlupakan. Di dalam: Dewi, R., Prayitno, A., Harijadi, Wigati, R. *Pediatric Practice for Millennial Generation Parents*. Jakarta : Ikatan Dokter Anak Indonesia.
- Putriningtyas, N. & Budiono, I. (2022). Yogurt Kulit Buah Naga Merah dan Hiperglikemia. *Bookchapter Kesehatan Masyarakat Universitas Negeri Semarang*, 2.
- Rahayu, L., Yantih, N. & Supomo, Y. (2018). Analisis SGPT dan SGOT pada Tikus yang Diinduksi Isoniazid untuk Penentuan Dosis dan Karakteristik

- Hepatoprotektif Air Buah Nanas (*Ananas comosus L. Merr*) Mentah. *Jurnal Ilmu Kefarmasian Indonesia*, 16(1), pp.100-106.
- Rahma, E. (2020). *Analisis Kadar Proksimat dan Serat Pangan Yoghurt Umbi Bit (*Beta vulgaris L.*) dan Kayu Manis (*Cinnamomum burmanii*)*. Skripsi. Universitas Gadjah Mada.
- Rahmi, Y. (2017). *Uji Antihiperurisemia Kombinasi Ekstrak Etanol 70% Daun Sidaguri (*Sida rhombifolia L*) dan Allopurinol terhadap Tikus Sprague-Dawley yang Diinduksi Kafein*. Skripsi. Universitas Islam Negeri Syarif Hidayatullah Jakarta.
- Rezazadeh, L., Alipour, B., Jafarabadi, M. & Gargari, B. (2020). Evaluation of the Effects of Probiotic Yoghurt on Inflammation and Cardiometabolic Risk Factors in Subjects with Metabolic Syndrome: A Randomised Controlled Trial. *International Dairy Journal*, 101.
- Rodríguez, P., Rubio, M., Escudero, P., Carmona, F. & Herrero, F. (2022). Health-promoting Potential of Betalains *In Vivo* and Their Relevance as Functional Ingredients: A Review. *Trends in Food Science & Technology*, 122, pp.66-82.
- Rohajatie U., Harijono., Estiasih, T. & Wahyuni, E. (2018). Bitter Melon (*Momordica charantia L.*) Fruit Decreased Blood Glucose Level and Improved Lipid Profile of Streptozotocin Induced Hyperglycemia Rats. *Current Research in Nutrition and Food Science*, 6(2), pp.359-370.
- Roza, N., Possignolo, L., Palanch, A. & Gontijo, J. (2016). Effect of Long-term High-fat Diet Intake on Peripheral Insulin Sensibility, Blood Pressure, and Renal Function in Female Rats. *Food & Nutrition Research*, 60(1).
- Sadowska-Bartosz, I. & Bartosz, G. (2021). Biological Properties and Applications of Betalains. *Molecules*, 26(9).

- Sari, H., Budirahardjo, R. & Sulistyani, E. (2015). Kadar *Serum Glutamat Piruvat Trasnaminase* (SGPT) pada Tikus Wistar (*Rattus norvegicus*) Jantan yang Dipapar Stresos Rasa Sakit berupa *Electrical Foot Shock* selama 28 Hari. *e-Jurnal Pustaka Kesehatan*, 3(2), pp.205-211.
- Sarmah, N., Nauli, A., Ally, A. & Nauli, S. (2022). Interactions among Endothelial Nitric Oxide Synthase, Cardiovascular System, and Nociception during Physiological and Pathophysiological States. *Molecules*, 27(9).
- Saryono. (2011). *Metodologi Penelitian Keperawatan*. Purwokerto : UPT. Percetakan dan Penerbitan UNSOED.
- Sawicki, T., Martinez-Villaluenga, C., Frias, J., Wiczowski, W., Peñas, E., Bączek, N. & Zieliński, H. (2019). The Effect of Processing and In Vitro Digestion on the Betalain Profile and ACE Inhibition Activity of Red Beetroot Products. *Journal of Functional Foods*. *Journal of Functional Foods*, 55, pp.229-237.
- Septiardi, Y., Haris, R. & Ariastuti, R. (2019). Efektivitas Getah Jarak Cina (*Jatropha multifida Linn*) terhadap Proliferasi Luka pada Tikus Putih Jantan (*Sprague Dawley*). *Jurnal Ilmu Keperawatan*, 12(2), pp.162-170.
- Shirzad, F., Morovatdar, N., Rezaee, R., Tsarouhas, K. & Moghadam, A. (2021). Cinnamon Effects on Blood Pressure and Metabolic Profile: A Double-blind, Randomized, Placebo-controlled Trial in Patients with Stage 1 Hypertension. *Avicenna Journal of Phyto Medicine*, 11(1), pp.91-100.
- Siervo, M., Shannon, O., Kandhari, N., Prabhakar, M., Fostier, W., Köchl, C., Rogathi, J., Temu G., Stephan, B., Gray, W., Haule, I., Paddick, S., Mmbaga, B. & Walker, R. (2020). Nitrate-rich Beetroot Juice Reduces Blood Pressure in Tanzanian Adults with Elevated Blood Pressure: A Double-blind Randomized Controlled Feasibility Trial. *The Journal of Nutrition*, 150(9), pp.2460-2468.

- Silva, M., Bernardo, M., Singh, J. & Mesquita, M. (2022). Cinnamon as a Complementary Therapeutic Approach for Dysglycemia and Dyslipidemia Control in Type 2 Diabetes Mellitus and Its Molecular Mechanism of Action: A Review. *Nutrients*, 14(13).
- Stamatovic, S., Revollar, G., Hu, A., Choi, J., Keep, R. & Andjelkovic, A. (2019). Decline in Sirtuin-1 Expression and Activity Plays a Critical Role in Blood-brain Barrier Permeability in aging. *Neurobiology of Disease*, 126, pp.105-116.
- Suhardjono, D. (1995). *Percobaan Hewan Laboratorium*. Yogyakarta : Gadjah Mada University Press.
- Susetyowati, Huriyati, E., Kandarina, B. & Faza, F. (2018). *Peranan Gizi dalam Upaya Pencegahan Penyakit Tidak Menular*. Yogyakarta : Gadjah Mada University Press.
- Tambajong, C., Malonda, N. & Kapantow, N. (2021). Gambaran Pola Makan Mahasiswa Semester II Fakultas Kesehatan Masyarakat Universitas Sam Ratulangi Manado selama Pandemi COVID-19. *Jurnal Kesmas*, 10(5), pp.24-29.
- Tassou, C., Katte, J., Maadjhou, C. & Mbanya, J. (2019). Economic Impact of Diabetes in Africa. *Current Diabetes Report*, 19(2).
- U.S. Department of Agriculture. (2019). *Beets, Raw* [Internet]. U.S. Department of Agriculture. Tersedia dalam: <<https://fdc.nal.usda.gov/fdc-app.html#/food-details/169145/nutrients>> [Diakses 25 Februari 2022].
- U.S. Department of Agriculture. (2019). *Egg, Quail, Whole, Fresh, Raw* [Internet]. U.S. Department of Agriculture. Tersedia dalam: <<https://fdc.nal.usda.gov/fdc-app.html#/food-details/172191/nutrients>> [Diakses 19 April 2023].

- U.S. Department of Agriculture. (2019). *Spices, Cinnamon, Ground* [Internet]. U.S. Department of Agriculture. Tersedia dalam: <<https://fdc.nal.usda.gov/fdc-app.html#/food-details/171320/nutrients>> [Diakses 26 Februari 2022].
- U.S. Department of Agriculture. (2019). *Yoghurt, Plain, Whole Milk* [Internet]. U.S. Department of Agriculture. Tersedia dalam: <<https://fdc.nal.usda.gov/fdc-app.html#/food-details/171284/nutrients>> [Diakses 24 Februari 2022].
- U.S. Department of Agriculture. (2020). *Indonesia: Dairy and Products Annual* [Internet]. U.S. Department of Agriculture. Tersedia dalam: <<https://www.fas.usda.gov/data/indonesia-dairy-and-products-annual-7>> [Diakses 6 Maret 2022].
- Wade, A., Guenther, B., Ahmed, F. & Elias, M. (2021). Higher Yoghurt Intake is Associated with Lower Blood Pressure in Hypertensive Individuals: Cross-Sectional Findings from the Maine-Syracuse Longitudinal Study. *International Dairy Journal*, 122.
- Wang, H. & Lee, A. (2015). Recent Developments in Blood Glucose Sensors. *Journal of Food and Drug Analysis*, 23, pp.191-200.
- Wang, J., Wang, S., Yang, J., Henning, S., Ezzat-Zadeh, Z., Woo, S., Qin, T., Pan, Y., Tseng, C., Heber, D. & Li, Z. (2021). Acute Effects of Cinnamon Spice on Post-prandial Glucose and Insulin in Normal Weight and Overweight/Obese Subjects: A Pilot Study. *Frontiers in Nutrition*, 7(619782).
- Wijaya, A., Malakauseya, M., Ohoiulun, A., Husein, A., Titaley, C., Que, B., Lima, F., Liesay, L., Saptanno, L. & Ulandari, P. (2021). Bagaimana Persepsi Masyarakat terhadap Penyakit Tidak Menular dan Pos Binaan Terpadu Penyakit Tidak Menular di Kota Ambon dan Pulau Saparua?. *Molucca Medica*, 14.

- Wijenayaka, G., Bulugahapitiya, V. & Jayasinghe, S. (2022). Cinnamon, a Promising Herbal Plant for Combatting Diabetes and Its Anti-Diabetes Mechanisms. *Ceylon Journal of Science*, 51(4), pp.335-346.
- Winarsi, H., Septiana, A. & Roselia, A. (2020). Perbaikan Lingkar Perut, Tekanan Darah, dan Body Mass Index Wanita Sindrom Metabolik menggunakan Yogurt Susu Kecambah Kacang Merah. *Jurnal Gizi dan Pangan Soedirman*, 4(2).
- World Health Organization. (2020). *Noncommunicable Diseases Progress Monitor 2020*. Geneva : World Health Organization, CC BY-NC-SA 3.0 IGO.
- Xue, Y., Cui, L., Qi, J., Ojo, O., Du, X., Liu, Y. & Wang, X. (2021). The Effect of Dietary Fiber (Oat Bran) Supplement on Blood Pressure in Patients with Essential Hypertension: A Randomized Controlled Trial. *Nutrition, Metabolism and Cardiovascular Disease*, 31(8), pp.2458-2470.
- Yanni, A., Kartsioti, K. & Karathanos, V. (2020). The Role of Yoghurt Consumption in the Management of Type II Diabetes. *Food & Function*, 11.
- Yarmaliza & Zakiyuddin. (2019). Pencegahan Dini terhadap Penyakit Tidak Menular (PTM) melalui GERMAS. *Jurnal Pengabdian Masyarakat Multidisiplin*, 2(3), pp.168-175.
- Yuriah, A., Astuti, A. & Inayah. (2019). Hubungan Asupan Lemak, Serat dan Rasio Lingkar Pinggang Pinggul dengan Tekanan Darah Pasien Hipertensi di Puskesmas Gondokusuman I Yogyakarta. *Ilmu Gizi Indonesia*, 2(2), pp.115-124.
- Yusuf. S. (2020). *Analisis Total Fenol, Vitamin C, dan Aktivitas Antioksidan pada Yoghurt Umbi Bit (*Beta vulgaris L.*) dan Kayu Manis (*Cinnamomum burmannii*)*. Skripsi. Universitas Gadjah Mada.