

DAFTAR PUSTAKA

- Adib, PIS, Y. and P. (2018). *Pengaruh Variasi Suhu Dan Masa Sangrai Biji Salak Terhadap Mutu Fisik Dan Organoleptik Kopi Biji Salak*. 504–518.
- Al-Ishaq, R. K., Abotaleb, M., Kubatka, P., Kajo, K., & Büsselberg, D. (2019). Flavonoids and their anti-diabetic effects: Cellular mechanisms and effects to improve blood sugar levels. *Biomolecules*.
<https://doi.org/10.3390/biom9090430>
- American Diabetes Association. (2019). Standards of Medical Care in diabetes—2019 Abridged for Primary Care Providers. *Diabetes Care*, 37(1).
<https://doi.org/10.2337/dc18-Sint01>
- Arifin, W. N., & Zahiruddin, W. M. (2017). Sample size calculation in animal studies using resource equation approach. *Malaysian Journal of Medical Sciences*. <https://doi.org/10.21315/mjms2017.24.5.11>
- Cahyono, B. (2016). *Panen Untung dari Budi Daya Salak Intensif*. Yogyakarta: Lily Publisher.
- Decroli, E. (2019). *Diabetes Melitus Tipe 2*. Padang: Pusat Penerbitan Bagian Ilmu Penyakit Dalam Fakultas Kedokteran Universitas Andalas.
- Dewata, I. P., Wipradyadewi, P. A. S., & Widarta, I. W. R. (2017). Pengaruh Suhu dan Lama Penyeduhan Terhadap Aktivitas Antioksidan dan Sifat Sensoris Teh herbal Herbal Daun Alpukat (*Persea americana* Mill). *Jurnal ITEPA*.

- Diani, A., & Pulungan, A. B. (2016). Tata laksana Metformin Diabetes Mellitus Tipe 2 pada Anak Dibandingkan dengan obat Anti Diabetes Oral yang lain. *Sari Pediatri*, *11*(6), 395. <https://doi.org/10.14238/sp11.6.2010.395-400>
- Ghorbani, A., Rashidi, R., & Shafiee-Nick, R. (2019). Flavonoids for preserving pancreatic beta cell survival and function: A mechanistic review. In *Biomedicine and Pharmacotherapy*. <https://doi.org/10.1016/j.biopha.2018.12.127>
- Girsang, E., Kiswandono, A. A., Aziz, H., Chaidir, Z., & Zein, R. (2015). SERBUK BIJI SALAK (*Salacca zalacca*) SEBAGAI BIOSORBEN DALAM MEMPERBAIKI KUALITAS MINYAK GORENG BEKAS. *Prosiding Seminar Nasional Pendidikan Sains (SNPS) 2015*.
- Goud, B. J., V, D., & Swamy, B. K. C. (2015). Streptozotocin -A Diabetogenic Agent in Animal Models www.ijppr.humanjournals.com. *Human Journals Review Article April*.
- Gumantara, M. P. B., & Oktarlina, R. Z. (2017). *Perbandingan Monoterapi dan Kombinasi Terapi Sulfonilurea-Metformin terhadap Pasien Diabetes Melitus Tipe 2 Comparison of Monotherapy and Sulfonylurea-Metformin Combination Therapy to Patient with Type 2 Diabetes Mellitus*. *6*, 55–59.
- Gupta, J., Gupta, A., & Gupta, A. K. (2018). Role of dietary flavonoids having antidiabetic properties and their protective mechanism. *International Journal of Current Research in Chemistry and Pharmaceutical Sciences*. <https://doi.org/10.22192/ijcrcps.2018.05.01.004>
- Ighodaro, O. M., Adeosun, A. M., & Akinloye, O. A. (2017). Alloxan-induced

- diabetes, a common model for evaluating the glycemic-control potential of therapeutic compounds and plants extracts in experimental studies. In *Medicina (Lithuania)*. <https://doi.org/10.1016/j.medici.2018.02.001>
- International Diabetes Federation. (2013). IDF DIABETES ATLAS Sixth Edition. In *IDF*. <https://doi.org/2-930229-80-2>
- Ismail, N. A., & Abu Bakar, M. F. (2018). Salak— *Salacca zalacca*. In *Exotic Fruits*. <https://doi.org/10.1016/b978-0-12-803138-4.00051-4>
- Jebur, A., Mokhamer, M., & El-Demerdash, F. (2016). A Review on Oxidative Stress and Role of Antioxidants in Diabetes Mellitus. *Austin Endocrinology and Diabetes Case Reports*, 1(1), 1006.
- Karta, I. W., Susila, L. A. N. K. E., Mastra, I. N., & Dikta, P. G. A. (2015). Kandungan Gizi Pada Kopi Biji Salak (*Salacca Zalacca*) Produksi Kelompok Tani Abian Salak Desa Sibetan Yang Berpotensi Sebagai Produk Pangan Lokal Berantioksidan Dan Berdaya Saing. *Jurnal Virgin*.
- Infodatin Diabetes: Pusat Data dan Informasi Kementerian Kesehatan RI Situasi dan Analisis Diabetes, Infodatin Pusat Data dan Informasi Kementerian Kesehatan RI (2014).
- Kemenkes RI. (2019). Hari Diabetes Sedunia Tahun 2018. *Infodatin Pusat Data Dan Informasi Kementerian Kesehatan RI*, 1–8.
- Kusumawati, D. (2016). *Bersahabat Dengan Hewan Coba*. Yogyakarta: Gadjah Mada University Press.
- Lokaria, E., & Susanti, I. (2018). Uji Organoleptik Kopi Biji Salak dengan Varian Waktu Penyangraian. *BIOEDUSAINS: Jurnal Pendidikan Biologi Dan Sains*.

<https://doi.org/10.31539/bioedusains.v1i1.262>

Ludwig, I. A., Clifford, M. N., Lean, M. E. J., Ashihara, H., & Crozier, A. (2014).

Coffee: Biochemistry and potential impact on health. In *Food and Function*.

<https://doi.org/10.1039/c4fo00042k>

Ningsih, R. R., Probosari, E., & Panunggal, B. (2019). Pengaruh pemberian susu

almond terhadap glukosa darah puasa pada tikus diabetes. *Jurnal Gizi*

Indonesia (The Indonesian Journal of Nutrition).

<https://doi.org/10.14710/jgi.7.2.86-91>

notoatmodjo 2012. (2012). *Notoatmodjo, S. (2012). Metodologi Penelitian*

Kesehatan. Jakarta: Rineka Cipta. Notoatmodjo, S. (2012). Metodologi

Penelitian Kesehatan. Jakarta: Rineka Cipta.

Otto, G. M., Franklin, C. L., & Clifford, C. B. (2015). Chapter 4 - Biology and

Diseases of Rats. In *Laboratory Animal Medicine: Third Edition*.

<https://doi.org/10.1016/B978-0-12-409527-4.00004-3>

Ozougwu, O. (2013). The pathogenesis and pathophysiology of type 1 and type 2

diabetes mellitus. *Journal of Physiology and Pathophysiology*.

<https://doi.org/10.5897/jpap2013.0001>

Panche, A. N., Diwan, A. D., & Chandra, S. R. (2016). Flavonoids: An overview.

In *Journal of Nutritional Science*. <https://doi.org/10.1017/jns.2016.41>

Proboningsih, J., Joeliantina, A., Novitasari, A., & Purnamawati, D. (2020).

Complementary treatment to reduce blood sugar levels of type 2 diabetes

mellitus patients. *International Journal of Public Health Science*.

<https://doi.org/10.11591/ijphs.v9i3.20434>

- Purwanto, D., Bahri, S., & Ridhay, A. (2017). Uji Aktivitas Antioksidan Ekstrak Buah Purnajiwa (*Kopsia arborea* Blume.) Dengan Berbagai Pelarut [Antioxidant Activity Test of Purnajiwa (*Kopsia arborea* Blume.) Fruit Extract With Various Solvents]. *KOVALEN*.
- Russo, B., Picconi, F., Malandrucchio, I., & Frontoni, S. (2019). Flavonoids and insulin-resistance: from molecular evidences to clinical trials. In *International Journal of Molecular Sciences*.
<https://doi.org/10.3390/ijms20092061>
- Saputra, N. T., Suartha, I. N., & Dharmayudha, A. A. G. O. (2018). Agen Diabetagonik Streptozotocin untuk Membuat Tikus Putih Jantan Diabetes Mellitus. *Buletin Veteriner Udayana*.
<https://doi.org/10.24843/bulvet.2018.v10.i02.p02>
- Sharp, P., & Villano, J. (2012). The laboratory rat, second edition. In *The Laboratory Rat, Second Edition*. <https://doi.org/10.1201/b13862>
- Silipo, A. T., Planinsic, R. M., Wittwer, E. D., Sprung, J., & Nicholson, W. T. (2015). Evaluasi Faktor Yang Mempengaruhi Jumlah Perkawinan Tikus Putih (*Rattus norvegicus*) Secara Kualitatif. *A Case Approach to Perioperative Drug-Drug Interactions*.
https://doi.org/10.1007/978-1-4614-7495-1_23
- Siregar, N. S. (2014). Karbohidrat. *Jurnal Ilmu Keolahragaan*, 13(2), 38–44.
- Soelistijo, S., Novida, H., Rudijanto, A., Soewondo, P., Suastika, K., Manaf, A., Sanusi, H., Lindarto, D., Shahab, A., Pramono, B., Langi, Y., Purnamasari, D., & Soetedjo, N. (2015). Konsensus Pengelolaan Dan Pencegahan Diabetes

Melitus Tipe2 Di Indonesia 2015. In *Perkeni*.

<https://www.google.com/url?sa=t&source=web&rct=j&url=https://pbperkeni.or.id/wp-content/uploads/2019/01/4.-Konsensus-Pengelolaan-dan-Pencegahan-Diabetes-melitus-tipe-2-di-Indonesia-PERKENI-2015.pdf&ved=2ahUKEwjy8KO8cfoAhXCb30KHQb1Ck0QFjADegQIBhAB&usg=AOv>

Subiyono, Martsiningsih, M. A., & Gabrela, D. (2016). Gambaran kadar glukosa darah metode GOD-PAP (Glucose Oksidase – Peroxidase Aminoantypirin) sampel serum dan plasma EDTA (Ethylen Diamin Terta Acetat). *Jurnal Teknologi Laboratorium*, 5(1), 5–8.

<https://www.teknolabjournal.com/index.php/Jtl/article/view/77>

Supariasa, I. D. N., & Handayani, D. (2019). *Asuhan Gizi Klinik*. Jakarta: Penerbit Buku Kedokteran EGC.

Susila, L. A. N. K. E., & Udayani, I. G. A. P. I. (2016). Salacca coffee made of snake fruit seed waste from Paradise Island. *International Conference of Young Scientists Cluj-Napoca, Romania 16-22 April*.

Takeda, Y., Shimomura, T., Asao, H., & Wakabayashi, I. (2017). Relationship between immunological abnormalities in rat models of diabetes mellitus and the amplification circuits for diabetes. In *Journal of Diabetes Research*.
<https://doi.org/10.1155/2017/4275851>

Treml, J., & Šmejkal, K. (2016). Flavonoids as Potent Scavengers of Hydroxyl Radicals. In *Comprehensive Reviews in Food Science and Food Safety* (pp. 720–738). <https://doi.org/10.1111/1541-4337.12204>

- Vinayagam, R., & Xu, B. (2015). Antidiabetic properties of dietary flavonoids: A cellular mechanism review. In *Nutrition and Metabolism*.
<https://doi.org/10.1186/s12986-015-0057-7>
- Werdani, Y. D. W., & Widyawati, P. S. (2018). *Antidiabetic Effect On Tea Of Pluchea Indica Less As Functional Beverage in Diabetic Patients*.
<https://doi.org/10.2991/icpsuas-17.2018.36>
- Werdyani, S., Jumaryatno, P., & Khasanah, N. (2017). Antioxidant Activity of Ethanolic Extract and Fraction of Salak Fruit Seeds (*Salacca Zalacca* (Gaertn.) Voss.) Using Dpph (2,2-Diphenyl-1-Picrylhydrazyl) Method. *Jurnal Eksakta*, 17(2), 137–146.
<https://doi.org/10.20885/eksakta.vol17.iss2.art5>
- WHO. (2016). Global Report on Diabetes. *WHO Library Cataloguing-in-Publication Data*, 978, 6–86.
http://www.who.int/about/licensing/copyright_form/index.html
http://www.who.int/about/licensing/copyright_form/index.html
<https://apps.who.int/iris/handle/10665/204871>
<http://www.who.int/about/licensing/>
- Wijayanti, D. (2019). *Budidaya Salak*. Jawa Tengah: Desa Pustaka Indonesia.
- Wirasti. (2019). Penetapan Kadar Fenolik Total, Flavonoid Total, dan Uji Aktivitas Antioksidan Ekstrak Daun Benalu Petai (*Scurrula atropurpurea* Dans.) Beserta Penapisan Fitokimia. *Journal of Pharmaceutical and Medicinal Sciences*.
- Wolfensohn, S., & Lloyd, M. (2013). Handbook of Laboratory Animal Management and Welfare. In *Handbook of Laboratory Animal Management*

and Welfare (Fourth Edi). Wiley-Blackwell.

<https://doi.org/10.1002/9780470751077>

Yulianti, A., Restuti, A. N. setia, & Nuraini, N. (2018). Single Low Dose Streptozotocin (STZ) to Increase Serum Triglyceride Levels of Rats. *Proceeding of the International Conference on Food and Agriculture, DM*, 624–627. [https://doi.org/10.1016/S1382-6689\(00\)00064-8](https://doi.org/10.1016/S1382-6689(00)00064-8)

Yustisiani, A., Andari, D., & Isbandiyah. (2013). Pengaruh Pemberian Kopi Terhadap Penurunan Kadar Glukosa Darah Pada Tikus Putih Strain Wistar Diabetes Mellitus Tipe 2. *Saintika Medika*, 9(1), 38. <https://doi.org/10.22219/sm.v9i1.4124>