

DAFTAR PUSTAKA

- Adewole, SO & Caxton-Martins, EA 2006, 'Morphological Changes and Hypoglycemic Effects of *Annona Muricata* Linn. (*Annonaceae*) Leaf Aqueous Extract on Pancreatic B-Cells of Streptozotocin-Treated Diabetic Rats', *African Journal of Biomedical Research*, vol.9, no.9, diakses 3 Mei 2018.
<https://doi.org/10.4314/ajbr.v9i3.48903>
- Adewole, SO & Ojewole, JAO 2009, 'Protective effects of *Annona muricata* Linn. (*Annonaceae*) leaf aqueous extract on serum lipid profiles and oxidative stress in hepatocytes of streptozotocin-treated diabetic rats', *African Journal of Traditional, Complementary and Alternative Medicines*, vol.6 no.1, diakses 3 Mei 2018
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2816529/>
- Alphonse, S, Natacha, A, Melanie, A, Behanzin, J 2018, 'Evaluation of the toxicity of *Annona muricata* leaf extract on liver and kidney function and investigation of acute and subacute toxicity in Wistar rats', *International Journal of PharmTech Research*, vol. 8, no. 1, diakses 3 Februari 2019.
<https://www.researchgate.net/publication/323142296>
- Badan Penelitian dan Pengembangan Kesehatan, Kementerian Kesehatan RI 2013, *Riset Kesehatan Dasar (RISKESDAS) 2013*, Laporan Nasional 2013, diakses 14 Agustus 2018.
<http://www.depkes.go.id/resources/download/general/Hasil%20Risksdas%202013.pdf>
- Brodowska, KM 2017, 'Natural flavonoids: classification, potential role, and application of flavonoid analogues', *European Journal of Biological Research*, vol. 7, no. 2, diakses 17 Januari 2019.
<http://newjournals.tmkarpinski.com/index.php/ejbr/article/view/579>
- Day, RA & Underwood, AL 2002, *Analisis Kimia Kuantitatif* edisi 6, Erlangga, Jakarta.
- Drake, RL, Vogl, AW & Adam WM 2014, *Gray Dasar Dasar Anatomi* Singapura, Elsevier Saunders.
- Esmawati, E 2015, 'Pengaruh ekstrak daun sirsak (*Annona muricata* L.) terhadap kadar glukosa darah dan histologi pankreas tikus (*Rattus norvegicus*) yang diinduksi aloksan' *Etheses of Maulana Malik Ibrahim State Islamic University*, diakses 4 Juli 2018.
<http://etheses.uin-malang.ac.id/446/>

- Fitria, NL, Lyrawati, D & Handaru, M 2015, 'Efek Pemberian Asam Alfa Lipoat terhadap Kadar MDA dan Gambaran Histologi pada Hati Tikus Wistar' *Jurnal Kedokteran Brawijaya*, Vol.28, No.3, Februari 2015, diakses 3 Mei 2018.
<http://jkb.ub.ac.id/index.php/jkb/article/view/608/434>
- Florence, NT, Benoit, MZ, Jonas, K, Alexandra, T, Desire, ZDP, Pierre, K, Theophile, D 2013, 'Antidiabetic and antioxidant effects of Annona muricata (Annonaceae), aqueous extract on streptozotocin-induced diabetic rat', *Journal of Ethnopharmacology*, Vol. 151, no. 2, Februari 2014, diakses 12 Januari 2019.
<http://dx.doi.org/10.1016/j.jep.2013.09.021>
- Gumelar, B, Ekowati, RAR & Furqanni, AR 2017, 'Potensi Ekstrak Etanol Daun Sirsak (*Annona muricata*) sebagai Agen Terapi Hiperglikemia pada Mencit yang Diinduksi Aloksan' *National & International Scientific Proceeding of Unisba*, vol.1, no.1, Tahun 2017, diakses pada 13 Agustus 2018.
<http://proceeding.unisba.ac.id/index.php/BaMGMH/article/view/920/pdf>
- Hall, JE & Guyton, AC 2014, *Buku Ajar Fisiologi Kedokteran* Edisi 12, EGC, Jakarta.
- Istianah, ET 2016, *Perbedaan Kadar Asam Urat Pada Pasien Tidak Puasa Dengan Pasien Puasa 8, 10, dan 12 Jam*, Skripsi Fakultas Ilmu Keperawatan dan Kesehatan, Universitas Muhammadiyah Semarang.
<http://repository.unimus.ac.id/122/>
- Kalaivanam, KN, Dharmalingam, M & Marcus, R 2006, 'Lipid peroxidation in type 2 diabetes mellitus' *International Journal of Diabetes in Developing Countries*, vol.26 no.1, Jan-Mar 2006, diakses 13 Agustus 2018.
[https://www.researchgate.net/publication/239743305 Lipid Peroxidation in type 2 Diabetes Mellitus](https://www.researchgate.net/publication/239743305_Lipid_Peroxidation_in_type_2_Diabetes_Mellitus)
- Kasper, DL, Hauser, SL, Jameson, JL, Fauci, AS, Longo, DL, Loscalzo, J 2015, *Harrison's Principles of Internal Medicine, 19th edition*, McGraw Hills, USA.
- Kisaoglu, A, Borekci, B, Yapca, E, Bilen, H, Suleyman, H 2013, 'Tissue Damage and Oxidant/Antioxidant Balance', *The Eurasian Journal of Medicine*, vol.45, no.1, diakses 13 Agustus 2018.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4261508/>
- Kurniasih, N, Kusmiyati, M, Nurkhasanah, Sari, RP, Wafdan, R 2015, 'Potensi Daun Sirsak (Annona muricata Linn), Daun Binahong (Anredera cordifolia (Ten) Steenis), dan Daun Benalu Mangga (Dendrophthoe pentandra) Sebagai Antioksidan Pencegah Kanker', *Jurnal Istek*, vol. 9, no. 1.
<http://www.jurnal.uinsgd.ac.id/index.php/istek/article/viewFile/182/197>

Lemmens, KJA, Vrolijk, MF1 , Bouwman, FG , Vijgh, WJF, Bast, A, and Haenen, GRMM 2014, ‘The Minor Structural Difference between the Antioxidants Quercetin and 4’O-Methylquercetin Has a Major Impact on Their Selective Thiol Toxicity’, *International Journal of PharmTech Research*, vol. 15, hlm. 7480.

<https://www.researchgate.net/publication/323142296>

Lorenzi, M 2007, ‘The polyol pathway as a mechanism for diabetic retinopathy: Attractive, elusive, and resilient’, *Hindawi Publishing Corporation*, vol. 2007, diakses 3 Mei 2018.

<https://www.hindawi.com/journals/jdr/2007/061038/abs/>

Lucchesi, AN, Freitas, NT, Cassetari, LL 2013, ‘Diabetes mellitus triggers oxidative stress in the liver of alloxan-treated rats: a mechanism for diabetic chronic liver disease’, *Acta Cirurgica Brasileira*, vol. 28, no. 7, diakses 3 Mei 2018.

<https://www.ncbi.nlm.nih.gov/pubmed/23842931>

Makki, K, Froguel, P, Wolowczuk, I 2013, ‘Adipose Tissue in Obesity-Related Inflammation and Insulin Resistance: Cells, Cytokines, and Chemokines’, *Hindawi Publishing Corporati*, diakses 4 September 2018.

<http://dx.doi.org/10.1155/2013/139239>

Marjani, A 2010, ‘Lipid peroxidation alterations in type 2 diabetic patients’, *Pakistan Journal of Biological Sciences*, vol. 13, no. 15, diakses 3 Mei 2018.

<https://www.ncbi.nlm.nih.gov/pubmed/21850933>

Marks, DB, Marks, AD, Smith, CM 2015, *Biokimia Kedokteran Dasar*, EGC, Jakarta.

Martha, SA, Karwur, FF, Rondonuwu, FS 2011, ‘Mekanisme kerja dan fungsi hayati vitamin D pada tumbuhan dan mamalia’, *Seminar Nasional X Pendidikan Biologi FKIP UNS*, diakses pada 13 Agustus 2018.

<https://media.neliti.com/media/publications/175606-ID-mekanisme-kerja-dan-fungsi-hayati-vitami.pdf>

Mescher, AL 2011, *Histologi Dasar Junqueira Edisi 12*, EGC, Jakarta.

Moghadamtousi, SZ, Fadaeinabas, M, Nikzad, S, Mohan, G 2015, ‘Annona muricata (Annonaceae): A Review of Its Traditional Uses , Isolated Acetogenins and Biological Activities’, *International Journal of Molecular Sciences*, vol. 16, diakses 13 Agustus 2018.

<https://www.ncbi.nlm.nih.gov/pubmed/26184167>

- Mohamed, J, Nazratun NAH, Zariyantey AH, Budin SB 2016, 'Mechanisms of diabetes-induced liver damage: The role of oxidative stress and inflammation', *Sultan Qaboos University Medical Journal*, vol. 16, no. 2.
<https://www.ncbi.nlm.nih.gov/pubmed/27226903>
- Muthu, S & Durairaj, B 2015, 'Evaluation of antioxidant and free radical scavenging activity of *Annona muricata*', *European Journal of Experimental Biology*, vol. 5, no. 3.
<http://www.imedpub.com/articles/evaluation-of-antioxidant-and-free-radical-scavenging-activity-of-iannona-muricatai.pdf>
- Netter, FH 2006, *Atlas of Human Anatomy 4th ed*, Saunders Elsevier, Philadelphia.
- Notoatmodjo, PDS 2010, *Metodologi penelitian kesehatan*, Rineka Cipta, Jakarta.
- Nurmawati, T, 2017, 'Studi Respon Fisiologis dan Kadar Gula Darah Pada Tikus Putih (*Rattus norvegicus*) yang Terpapar Streptozotocin (STZ)', *Jurnal Ners dan Kebidanan*, vol. 4, no. 3, diakses 18 Januari 2019.
<https://media.neliti.com/media/publications/232104-study-of-physiological-response-and-whit-5bc783d3.pdf>
- Panche, AN, Diwan, AD, Chandra, SR 2016, 'Flavonoids: An overview', *Journal of Nutritional Science*, vol. 5, no. 47, diakses 3 Mei 2018.
<https://www.ncbi.nlm.nih.gov/pubmed/28620474>
- Perkumpulan Endocrinologi Indonesia (PERKENI), 2015, *Konsensus Pengendalian dan Pencegahan Diabetes Melitus Tipe 2 di Indonesia 2015*, PERKENI, Jakarta.
<https://pbperkeni.or.id/wp-content/uploads/2019/01/4.-Konsensus-Pengelolaan-dan-Pencegahan-Diabetes-melitus-tipe-2-di-Indonesia-PERKENI-2015.pdf>
- Pessin, JE & Saltiel, AR 2000, 'Signaling pathways in insulin action : molecular targets of insulin resistance', *The Journal of clinical investigation*, vol. 106, no. 2, diakses 4 September 2018.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC314316/>
- Pietta, PG 2000, 'Flavonoids as antioxidants', *Journal of Natural Products*, Vol.63 no.7, diakses 3 Mai 2018.
<https://www.ncbi.nlm.nih.gov/pubmed/10924197>
- Purnamasari, D 2015, *Ilmu Penyakit Dalam*, Interna Publishing, Jakarta.
- Pusat Penelitian dan Pengembangan Holtikultura, 2015, 'Budidaya Tanaman Sirsak', diakses 21 Juli 2018.
<http://hortikultura.litbang.pertanian.go.id/berita-446-budidaya-buah-sirsak.html>

- Putra, R 2018, ‘Pengaruh Pemberian Vitamin E Terhadap Kadar Superoksid Dismutase Serum Tikus Putih (*Rattus norvegicus*) Diabetes Melitus’, *Jurnal Ilmiah Mahasiswa Veteriner*, vol. 2, no.1, diakses 15 April 2018.
<http://jim.unsyiah.ac.id/FKH/article/view/6759>
- Rarangsari, NE 2015, Pengaruh Ekstrak Daun Sirsak ‘*Annona muricata*’ Terhadap SOD dan Histopatologi Hpear Tikus Diabetik Yang Diinduksi Aloksan, Tesis Program Pasca Sarjana, Universitas Islam Negeri Maulana Malik Ibrahim Malang.
<http://etheses.uin-malang.ac.id/591/1/10620110%20Pendahuluan.pdf>
- Rasdianah, N, Martodiharjo, S, Andayani, TM, Hakim, L 2016, ‘The Description of Medication Adherence for Patients of Diabetes Mellitus Type 2 in Public Health Center Yogyakarta’, *Indonesian Journal of Clinical Pharmacy*, vol.5, no.4, Desember 2016, diakses 20 Agustus 2018.
https://www.researchgate.net/publication/318747683_The_Description_of_Medication_Adherence_for_Patients_of_Diabetes_Mellitus_Type_2_in_Public_Health_Center_Yogyakarta
- Razali, R, Hassali, HA, Arapoc DJ, Amiroudine MZAM, Yen N, Talib Y, Hamid SSA 2015, ‘Phytochemical Screening and Antioxidant Activity of *Annona muricata* Aqueous Extract’, *Medical Technology Division*, 2 Januari 2019.
https://inis.iaea.org/collection/NCLCollectionStore/_Public/48/050/48050459.pdf
- Riddle, MC 2018, ‘Introduction: Standards of Medical Care in Diabetes—2018’, *The Journal Of Clinical And Applied Research And Education*, vol.41, no.1, diakses 13 Agustus 2018.
<https://diabetesed.net/wp-content/uploads/2017/12/2018-ADA-Standards-of-Care.pdf>
- Setiawan, B & Suhartono, E 2005, ‘Stres Oksidatif dan Peran Antioksidan pada Diabetes Melitus’, *Majalah Kedokteran Indonesia*, vol. 55, no. 2, diakses 13 Agustus 2018.
http://mki.idionline.org/index.php?uPage=mki.mki_dl&smod=mki&sp=public&key=MTItMTQ
- Silbernagl, S & Lang, F 2014, *Teks & Atlas Berwarna Patofisiologi*, EGC, Jakarta.
- Singh, VP, Bali, A, Singh, N, Jaggi, AS 2014, ‘Advanced Glycation End Products and Diabetic Complications’, *Korean J Physiol Pharmacol*, vol.18, Februari 2014, 18, diakses 13 Agustus 2018.
<http://dx.doi.org/10.4196/kjpp.2014.18.1.1>
- Snell, RS 2011, *Anatomi Klinis Berdasarkan Klinis Edisi 6*, EGC, Jakarta.

- Suastuti, NGAMDA, Dewi, IGAKS, Ariati, NK 2015, ‘Pemberian ekstrak daun sirsak (*Annona muricata*)untuk memperbaiki kerusakan sel beta pankreas melalui penurunan kadar glukosa darah, *advanced glycation end products* dan 8-hidroksi-2-dioksiguanosin pada tikus wistar hiperglikemia’, *Jurnal Kimia*, vol. 9, no. 2, diakses 20 Januari 2019.
<https://ojs.unud.ac.id/index.php/jchem/article/view/16357>
- Susantingsih, T 2015, *Biokimia Stres Oksidatif dan Prosedur Laboratorium*, Aura Printing & Publishing, Bandar Lampung.
- Szkudelski, T 2001, ‘The mechanism of alloxan and streptozotocin action in B cells of the rat pancreas’, *Physiological Research Institute of Physiology, Academy of Sciences of the Czech Republic*, vol.50, no.6, diakses 3 mei 2018.
<https://www.ncbi.nlm.nih.gov/pubmed/11829314>
- Tallarida, RJ & Jacob, LS 2012, The Dose - Response Relation in Pharmacology, Springer-Verlax, New York, diakses 25 Januari 2019.
<https://books.google.co.id/books?id=G17aBwAAQBAJ&printsec=frontcover&dq=The+Dose++Response+Relation+in+Pharmacology&hl>
- Wadhawa, N, Mathew, BB, Jatawa, SK, Tiwari, A, 2012, *Lipid peroxidation: Mechanism, models and significance*, vol. 3, no 28, diakses 24 Januari 2019.
<https://www.scienceopen.com/document?vid=b7e4ff4e-8ad7-415f-83f4-d65447e3ca10>
- Wagner, WL, Herbst, DR, Lorence, DH 2005, *Flora of the Hawaiian Islands*, diakses 13 Agustus 2018.
<http://botany.si.edu/pacificislandbiodiversity/hawaiianflora/index.htm>
- Waspadji, S 2015, *Ilmu Penyakit Dalam*, Interna Publishing, Jakarta.
- World Health Organization 2016, *Global Report on Diabetes*. Tersedia dari:
http://apps.who.int/iris/bitstream/10665/204871/1/9789241565257_eng.pdf
- Zatalia, R & Sanusi H 2013, ‘The Role of Antioxidants in the Pathophysiology, Complications, and Management of Diabetes Mellitus’, *Acta Medica Indonesiana*, vol. 45, April 2013.
<https://www.ncbi.nlm.nih.gov/pubmed/23770795>.