

DAFTAR PUSTAKA

- Abiko, Y. and Selimovic, D. 2010. ‘The mechanism of protracted wound healing on oral mucosa in diabetes. review’. *Bosnian Journal of Basic Medical Sciences*, 10(3), pp. 186–191.
- ADA 2018. ‘Classification and Diagnosis of Diabetes: Standards of Medical Care in Diabetes’. *Diabetes Care*, 41(Supplement 1), p. S13 LP-S27. doi: 10.2337/dc18-S002.
- Adams, J., Willey, A., Yager, D., Diegelmann, R. and Graham, M. 1996. ‘Interleukin 1 beta down-regulates collagen and augments collagenase expression in human intestinal smooth muscle cells’. *Gastroenterology*, 110(2), pp. 344–350. doi: 10.1053/gast.1996.v110.pm8566579.
- Ajiboye, B. O., Oloyede, H. O. B. and Salawu, M. O. 2018. ‘Antihyperglycemic and antidiabetic activity of Musa paradisiaca-based diet in alloxan-induced diabetic rats’. *Food Science and Nutrition*, 6(1), pp. 137–145. doi: 10.1002/fsn3.538.
- Al-Maskari, A. Y., Al-Maskari, M. Y. and Al-Sudairy, S. 2011. ‘Oral manifestations and complications of diabetes mellitus: A review’. *Sultan Qaboos University Medical Journal*, pp. 179–186.
- Aladin, A., Yani, S., Modding, B. and Wiyani, L. 2018. ‘Pyrolysis of Corncob Waste to Produce Liquid Smoke’. *IOP Conference Series: Earth and Environmental Science*, 175(1), pp. 1–7. doi: 10.1088/1755-1315/175/1/012020.
- Ambriz-Pérez, D. L., Leyva-Lopez, N., Gutierrez-Grijalva, E. P. and Heredia, J. B. 2016. ‘Phenolic compounds: Natural alternative in inflammation treatment. A Review’. *Cogent Food & Agriculture*, 2(1), pp. 1–14. doi: 10.1080/23311932.2015.1131412.
- Anura, A. 2014. ‘Traumatic oral mucosal lesions : a mini review and clinical update’. *Ohdm*, 13(2), pp. 254–259. doi: S1095-6433(06)00002-X [pii]\r10.1016/j.cbpa.2005.12.033.
- Bako, H. Y., Mohammad, J. S., Waziri, P. M., Bulus, T., Gwarzo, M. Y. and Zubairu, M. M. 2014. ‘Lipid Profile of Alloxan-Induced Diabetic Wistar Rats Treated With Methanolic Extract of Adansonia Digitata Fruit Pulp’. *Science World Journal*, 9(2), pp. 19–24. doi: 10.1002/pola.1142.
- Baltzis, D., Eleftheriadou, I. and Veves, A. 2014. ‘Pathogenesis and Treatment of Impaired Wound Healing in Diabetes Mellitus: New Insights’. *Advances in Therapy*, 31(8), pp. 817–836. doi: 10.1007/s12325-014-0140-x.
- Bruce, A. J., Dabade, T. S. and Burkemper, N. M. 2015. ‘Diagnosing oral ulcers’. *Journal of the American Academy of Physician Assistants*, 28(2), pp. 1–10. doi: 10.1097/01.JAA.0000459826.63026.67.
- Budaraga, I. K., Marlida, Y. and Bulanin, U. 2016. ‘Liquid Smoke Production Quality from Raw Materials Variation and Different Pyrolysis Temperature’, 6(3), pp. 306–315.
- Budaraga IK, Arnim, Marlida, Y. and Bulanin, U. 2016. ‘Antibacterial Properties of Liquid Smoke from the Production of Cinnamonhow Purification and Concentration of Different’. *International Journal of Thesis Projects and*

- Dissertations (IJTPD) Month*, 4(2), pp. 265–274.
- Budijanto, S., Hasbullah, R., Prabawati, S., Setyadjit, Sukarno and Zuraida, I. 2008. ‘Identification and safety test on liquid smoke made from coconut shell for food product’. *Indonesian Journal of Agricultural Postharvest Research*, 5(1), pp. 32–40.
- Bukhari, S. S. I., Abbasi, M. H. and Khan, M. K. A. 2015. ‘Dose optimization of Alloxan for diabetes in albino mice’. *BIOLOGIA*, 61(2), pp. 301–305.
- Carlucci, G., Iuliani, P. and Di Federico, L. 2010. ‘Simultaneous determination of benzylamine hydrochloride and five impurities in an oral collutory as a pharmaceutical formulation by high-performance liquid chromatography’. *Journal of Chromatographic Science*, 48(10), pp. 854–859. doi: 10.1093/chromsci/48.10.854.
- Dinarello, C. A. 2011. ‘Interleukin-1 in the pathogenesis and treatment of inflammatory diseases’. *Blood*, 117(14), pp. 3720–3732. doi: 10.1182/blood-2010-07-273417.
- Donath, M. Y. and Shoelson, S. E. 2011. ‘Type 2 diabetes as an inflammatory disease’. *Nature Reviews Immunology*. Nature Publishing Group, 11(2), pp. 98–107. doi: 10.1038/nri2925.
- Dryden, M., Baguneid, M., Eckmann, C., Corman, S., Stephens, J., Solem, C., Li, J., Charbonneau, C., Baillon-Plot, N. and Haider, S. 2015. ‘Pathophysiology and burden of infection in patients with diabetes mellitus and peripheral vascular disease: Focus on skin and soft-tissue infections’. *Clinical Microbiology and Infection*, 21, pp. S27–S32. doi: 10.1016/j.cmi.2015.03.024.
- Ebaid, H., Ahmed, O. M., Mahmoud, A. M. and Ahmed, R. R. 2013. ‘Limiting prolonged inflammation during proliferation and remodeling phases of wound healing in streptozotocin-induced diabetic rats supplemented with camel undenatured whey protein’. *BMC Immunology*, 14(1), pp. 1–13. doi: 10.1186/1471-2172-14-31.
- Ericson-Nielsen, W. and Kaye, A. D. 2014. ‘Steroids: pharmacology, complications, and practice delivery issues.’ *The Ochsner journal*, 14(2), pp. 203–7. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/24940130%0Ahttp://www.ncbi.nlm.nih.gov/articlerender.fcgi?artid=PMC4052587>.
- Eskan, M. A., Benakanakere, M. R., Rose, B. G., Zhang, P., Zhao, J., Stathopoulou, P., Fujioka, D. and Kinane, D. F. 2008. ‘Interleukin-1 β modulates proinflammatory cytokine production in human epithelial cells’. *Infection and Immunity*, 76(5), pp. 2080–2089. doi: 10.1128/IAI.01428-07.
- Forbes, J. M. and Cooper, M. E. 2013. ‘Mechanisms of Diabetic Complications’. *Physiological Reviews*, 93(1), pp. 137–188. doi: 10.1152/physrev.00045.2011.
- Fowler, M. J. 2011. ‘Microvascular and macrovascular complications of diabetes... 6th in a 12-part series.’ *Diabetic*, 29(3), pp. 116–122. doi: 10.2337/diaclin.29.3.116.
- Gao, Y., Yang, Y., Qin, Z. and Sun, Y. 2016. ‘Factors affecting the yield of bio-oil from the pyrolysis of coconut shell’. *SpringerPlus*. Springer International

- Publishing, 5(1), pp. 1–8. doi: 10.1186/s40064-016-1974-2.
- Garlanda, C., Dinarello, C. A. and Mantovani, A. 2013. ‘THE INTERLEUKIN-1 FAMILY BACK TO THE FUTURE’. *Immunity*, 39(6), pp. 1003–1018. doi: 10.1016/j.immuni.2013.11.010.
- Goldin, A., Beckman, J. A., Schmidt, A. M. and Creager, M. A. 2006. ‘Advanced glycation end products: Sparking the development of diabetic vascular injury’. *Circulation*, 114(6), pp. 597–605. doi: 10.1161/CIRCULATIONAHA.106.621854.
- González-Serrano, J., Serrano, J., López-Pintor, R. M., Paredes, V. M., Casañas, E. and Hernández, G. 2016. ‘Prevalence of Oral Mucosal Disorders in Diabetes Mellitus Patients Compared with a Control Group’. *Journal of Diabetes Research*, 2016. doi: 10.1155/2016/5048967.
- Guo, S. and DiPietro, L. A. 2010. ‘Critical review in oral biology & medicine: Factors affecting wound healing’. *Journal of Dental Research*, 89(3), pp. 219–229. doi: 10.1177/0022034509359125.
- Hasanah, U., Setiaji, B., Triyono, T. and Anwar, C. 2012. ‘The Chemical Composition and Physical Properties of the Light and Heavy Tar Resulted from Coconut Shell Pyrolysis’. *The Journal of Pure and Applied Chemistry Research*, 1(1), pp. 26–32. doi: 10.21776/ub.jpacr.2012.001.01.102.
- Hitomi, S., Ono, K., Miyano, K., Ota, Y., Uezono, Y., Matoba, M., Kuramitsu, S., Yamaguchi, K., Matsuo, K., Seta, Y., Harano, N. and Inenaga, K. 2015. ‘Novel methods of applying direct chemical and mechanical stimulation to the oral mucosa for traditional behavioral pain assays in conscious rats’. *Journal of Neuroscience Methods*. Elsevier B.V., 239, pp. 162–169. doi: 10.1016/j.jneumeth.2014.10.013.
- Hong, M., Kim, H. Y., Seok, H., Yeo, C. D., Kim, Y. S., Song, J. Y., Lee, Y. B., Lee, D. H., Lee, J. I., Lee, T. K., Ahn, H. S., Ko, Y. H., Jeong, S. C., Chae, H. S. and Sohn, T. S. 2016. ‘Prevalence and risk factors of periodontitis among adults with or without diabetes mellitus’. *Korean Journal of Internal Medicine*, 31(5), pp. 910–919. doi: 10.3904/kjim.2016.031.
- IDF 2017. *IDF Diabetes Atlas Eighth edition 2017*. doi: [http://dx.doi.org/10.1016/S0140-6736\(16\)31679-8](http://dx.doi.org/10.1016/S0140-6736(16)31679-8).
- Ighodaro, O. M., Adeosun, A. M. and 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’. *Medicina (Lithuania)*. The Lithuanian University of Health Sciences, 53(6), pp. 365–374. doi: 10.1016/j.medici.2018.02.001.
- Kabiraj, A., Gupta, J., Khaitan, T. and Bhattacharya, P. 2015. ‘Principle and techniques of immunohistochemistry- A review’. *Int J Biol Med Res*, 6(3), pp. 5204–5210. Available at: https://www.biomedscidirect.com/journalfiles/IJBMRF20151859/principle_and_techniques_of_immunohistochemistry_a_review.pdf.
- Kailaku, S. I., Syakir, M., Mulyawanti, I. and Syah, A. N. A. 2017. ‘Antimicrobial activity of coconut shell liquid smoke’. *IOP Conference Series: Materials Science and Engineering*, 206(1), pp. 1–6. doi: 10.1088/1757-899X/206/1/012050.

- Kang, X., Qiu, J., Li, Q., Bell, K. A., Du, Y., Jung, D. W., Lee, J. Y., Hao, J. and Jiang, J. 2017. ‘Cyclooxygenase-2 contributes to oxidopamine-mediated neuronal inflammation and injury via the prostaglandin E2 receptor EP2 subtype’. *Scientific Reports*. Springer US, 7(1), pp. 1–14. doi: 10.1038/s41598-017-09528-z.
- Karavana (Hizarcioğlu), S. Y., Sezer, B., Güneri, P., Veral, A., Boyacioğlu, H., Ertan, G. and Epstein, J. B. 2011. ‘Efficacy of topical benzoydamine hydrochloride gel on oral mucosal ulcers: an in vivo animal study’. *International Journal of Oral and Maxillofacial Surgery*, 40(9), pp. 973–978. doi: 10.1016/j.ijom.2011.02.034.
- Kementrian Kesehatan RI. 2014. Situasi dan Analisis DIABETES. *InfoDATIN Pusat Data dan Informasi Kementerian Kesehatan RI*: 1-7.
- Khalid Thebo, N., Ahmed Simair, A., Sughra Mangrio, G., Ansari, K., Ali Bhutto, A., Lu, C. and Ali Sheikh, W. 2016. ‘Antifungal Potential and Antioxidant Efficacy in the Shell Extract of Cocos nucifera (L.) (Arecaceae) against Pathogenic Dermal Mycosis’. *Medicines*, 3(2), pp. 1–12. doi: 10.3390/medicines3020012.
- Khan, T. 2018. ‘Oral manifestations and complications of diabetes mellitus: A review’. *International Journal of Medical and Health Research*, 4(2), pp. 50–52.
- Kiliç, Ç., Güleç Peker, E. G., Acartürk, F., Kılıçaslan, S. M. S. and Çoşkun Cevher, Ş. 2013. ‘Investigation of the effects of local glutathione and chitosan administration on incisional oral mucosal wound healing in rabbits’. *Colloids and Surfaces B: Biointerfaces*, 112, pp. 499–507. doi: 10.1016/j.colsurfb.2013.08.050.
- Kim, S. P., Yang, J. Y., Kang, M. Y., Park, J. C., Nam, S. H. and Friedman, M. 2011. ‘Composition of liquid rice hull smoke and anti-inflammatory effects in mice’. *Journal of Agricultural and Food Chemistry*, 59(9), pp. 4570–4581. doi: 10.1021/jf2003392.
- Lan, K. C., Chiu, C. Y., Kao, C. W., Huang, K. H., Wang, C. C., Huang, K. T., Tsai, K. S., Sheu, M. L. and Liu, S. H. 2015. ‘Advanced glycation end-products induce apoptosis in pancreatic islet endothelial cells via NF-κB-activated cyclooxygenase-2/prostaglandin E2 up-regulation’. *PLoS ONE*, 10(4), pp. 1–16. doi: 10.1371/journal.pone.0124418.
- LEE, B.-W., CHAE, H. Y., KWON, S. J., IHM, J., PARK, S. Y. and IHM, S. H. 2010. ‘RAGE ligands induce apoptotic cell death of pancreatic β-cells via oxidative stress’. *International Journal of Molecular Medicine*, 26(6), pp. 300–303. doi: 10.3892/ijmm_00000529.
- Lee, I. T. and Yang, C. M. 2012. ‘Role of NADPH oxidase/ROS in pro-inflammatory mediators-induced airway and pulmonary diseases’. *Biochemical Pharmacology*. Elsevier Inc., 84(5), pp. 581–590. doi: 10.1016/j.bcp.2012.05.005.
- Lim, Y. S., Kwon, S. K., Park, J. H., Cho, C. G., Park, S. W. and Kim, W. K. 2016. ‘Enhanced mucosal healing with curcumin in animal oral ulcer model’. *Laryngoscope*, 126(2), pp. E68–E73. doi: 10.1002/lary.25649.
- Lingbeck, J. M., Cordero, P., O’Bryan, C. A., Johnson, M. G., Ricke, S. C. and

- Crandall, P. G. 2014. 'Functionality of liquid smoke as an all-natural antimicrobial in food preservation'. *Meat Science*. Elsevier B.V., 97(2), pp. 197–206. doi: 10.1016/j.meatsci.2014.02.003.
- Liu, W., Wei, Z., Ma, H., Cai, A., Liu, Y., Sun, J., DaSilva, N. A., Johnson, S. L., Kirschenbaum, L. J., Cho, B. P., Dain, J. A., Rowley, D. C., Shaikh, Z. A. and Seeram, N. P. 2017. 'Anti-glycation and anti-oxidative effects of a phenolic-enriched maple syrup extract and its protective effects on normal human colon cells'. *Food & Function*, 8(2), pp. 757–766. doi: 10.1039/C6FO01360K.
- Lombok, J. Z., Setiaji, B., Trisunaryati, W. and Wijaya, K. 2014. 'Effect of Pyrolysis Temperature and Distillation on Character of Coconut Shell Liquid Smoke'. *Asian Jurnal of Science and Technology*, 5(6), pp. 320–325. Available at: <http://www.journalajst.com/sites/default/files/1576.pdf>.
- Lopez-Castejon, G. and Brough, D. 2011. 'Understanding the mechanism of IL-1 β secretion'. *Cytokine and Growth Factor Reviews*. Elsevier Ltd, 22(4), pp. 189–195. doi: 10.1016/j.cytogfr.2011.10.001.
- Madi, M., Gao, D., Fok, M., Ford, C., Bing, C., Ding, C., Hunter, L. and Steele, T. 2014. 'Interleukin-1 β mediates macrophage-induced impairment of insulin signaling in human primary adipocytes'. *American Journal of Physiology-Endocrinology and Metabolism*, 307(3), pp. E289–E304. doi: 10.1152/ajpendo.00430.2013.
- Mauri-Obradors, E., Estrugo-Devesa, A., Jané-Salas, E., Viñas, M. and López-López, J. 2017. 'Oral manifestations of diabetes mellitus. A systematic review'. *Medicina Oral, Patología Oral y Cirugía Bucal*, 22(5), pp. e586–e594. doi: 10.4317/medoral.21655.
- Ministry of Health Republic of Indonesia. 2014. *Cause of Death Health Status Indicators*. Jakarta: Ministry of Health, Republic of Indonesia.
- Mirbadalzadeh, R. and Shirdel, Z. 2012. 'Hormones and Signaling Antihyperglycemic and Antihyperlipidemic effects of Cornus mas extract in diabetic rats compared with glibenclamide', 47, pp. 8969–8972.
- Mirza, R. E., Fang, M. M., Ennis, W. J. and Kohl, T. J. 2013. 'Blocking interleukin-1 β induces a healing-associated wound macrophage phenotype and improves healing in type 2 diabetes'. *Diabetes*, 62(7), pp. 2579–2587. doi: 10.2337/db12-1450.
- Mittal, M., Siddiqui, M. R., Tran, K., Reddy, S. P. and Malik, A. B. 2014. 'Reactive Oxygen Species in Inflammation and Tissue Injury'. *Antioxidants & Redox Signaling*, 20(7), pp. 1126–1167. doi: 10.1089/ars.2012.5149.
- Mortazavi, H., Safi, Y., Baharvand, M. and Rahmani, S. 2016. 'Diagnostic Features of Common Oral Ulcerative Lesions: An Updated Decision Tree'. *International Journal of Dentistry*, 2016, pp. 1–14. doi: 10.1155/2016/7278925.
- Muñoz-Corcuera, M., Esparza-Gómez, G., González-Moles, M. A. and Bascones-Martínez, A. 2009. 'Oral ulcers: Clinical aspects. A tool for dermatologists. Part I. Acute ulcers'. *Clinical and Experimental Dermatology*, 34(3), pp. 289–294. doi: 10.1111/j.1365-2230.2009.03220.x.
- Muñoz-Corcuera, M., Esparza-Gómez, G., González-Moles, M. A. and Bascones-

- Martínez, Antonio 2009. ‘Oral ulcers: clinical aspects. A tool for dermatologists. Part II. Chronic ulcers’. *Clinical and Experimental Dermatology*, 34(4), pp. 456–461. doi: 10.1111/j.1365-2230.2009.03219.x.
- Nowotny, K., Jung, T., Höhn, A., Weber, D. and Grune, T. 2015. ‘Advanced glycation end products and oxidative stress in type 2 diabetes mellitus’. *Biomolecules*, 5(1), pp. 194–222. doi: 10.3390/biom5010194.
- Osafu, N., Agyare, C., Obiri, D. D. and Antwi, A. O. 2017. ‘Mechanism of Action of Nonsteroidal Anti-Inflammatory Drugs’. in *Nonsteroidal Anti-Inflammatory Drugs*. InTech, pp. 1–15. doi: 10.5772/68090.
- Ott, C., Jacobs, K., Haucke, E., Navarrete Santos, A., Grune, T. and Simm, A. 2014. ‘Role of advanced glycation end products in cellular signaling’. *Redox Biology*. Elsevier, 2(1), pp. 411–429. doi: 10.1016/j.redox.2013.12.016.
- Panchbhai, A. 2015. ‘Chapter 2 Oral Considerations in Diabetes Mellitus Pathophysiology of Oral Involvement Oral Manifestations in Diabetes Mellitus’. *Recent Advances in Diabetes Treatment*, pp. 2–23.
- Papanicolaou, P., Chrysomali, E., Stylogianni, E., Donta, C. and Vlachodimitropoulos, D. 2012. ‘Increased TNF-alfa, IL-6 and decreased IL-1beta immunohistochemical expression by the stromal spindle-shaped cells in the central giant cell granuloma of the jaws’. *Medicina Oral Patología Oral y Cirugía Bucal*, 17(1), pp. e56–e62. doi: 10.4317/medoral.17205.
- Pereira, D. M., Valentão, P., Pereira, J. A. and Andrade, P. B. 2009. ‘Phenolics: From chemistry to biology’. *Molecules*, 14(6), pp. 2202–2211. doi: 10.3390/molecules14062202.
- Qaid, M. M. and Abdelrahman, M. M. 2016. ‘Role of insulin and other related hormones in energy metabolism: A review’. *Cogent Food & Agriculture*. Cogent, 2(1), pp. 1–18. doi: 10.1080/23311932.2016.1267691.
- Radenkovic M, Stojanovic M and Prostran M. 2015. Experimental diabetes induced by alloxan and streptozotocin: The current state of the art, *Journal of Pharmacological and Toxicological Methods* 78. p:13-31.
- Ramakrishnan, S. and Moeller, P. et al. 2002. ‘Liquid smoke: Product of hardwood pyrolysis.’ *Fuel Chemistry Division Preprints*, 47(1), pp. 366–367.
- Ren, K. and Torres, R. 2009. ‘Role of interleukin-1 β during pain and inflammation’. *Brain Research Reviews*. Elsevier B.V., 60(1), pp. 57–64. doi: 10.1016/j.brainresrev.2008.12.020.
- Sanders, K. A., Delker, D. A., Huecksteadt, T., Beck, E., Wuren, T., Chen, Y., Zhang, Y., Hazel, M. W. and Hoidal, J. R. 2019. ‘RAGE is a Critical Mediator of Pulmonary Oxidative Stress, Alveolar Macrophage Activation and Emphysema in Response to Cigarette Smoke’. *Scientific Reports*, 9(1), pp. 1–16. doi: 10.1038/s41598-018-36163-z.
- Sauter, N. S., Schulthess, F. T., Galasso, R., Castellani, L. W. and Maedler, K. 2008. ‘The antiinflammatory cytokine interleukin-1 receptor antagonist protects from high-fat diet-induced hyperglycemia’. *Endocrinology*, 149(5), pp. 2208–2218. doi: 10.1210/en.2007-1059.
- Silva, M. F. A., Barbosa, K. G. N., Pereira, J. V., Bento, P. M., Godoy, G. P. and Gomes, D. Q. de C. 2015. ‘Prevalence of oral mucosal lesions among patients with diabetes mellitus types 1 and 2’. *Anais Brasileiros de Dermatologia*,

- 90(1), pp. 49–53. doi: 10.1590/abd1806-4841.20153089.
- Singla, R. K. 2012. ‘Review on the Pharmacological Properties of Cocos Nucifera Endocarp Review on the Pharmacological Properties of Cocos Nucifera Endocarp Pharmacological Properties’. *WebmedCentral Pharmaceutical Sciences*, 3(5), p. WMC003414.
- Sivapathasundharam, B. and Sundararaman, P. 2018. ‘Oral Ulcers - A Review’. *Journal of Dentistry & Oral Disorders*, 4(4).
- Soboleva, A, G, Bruskin, S, A, Nikolaev, A, A, Sobolev, V, V, Mezentsev, A, V. 2013. ‘Role of receptor for advanced glycation end-products in pathgenesis of psoriasis’. *Molecular and Cellular Biochemistry*, 47(5), pp. 645–654. doi: 10.1134/S0026893313050191.
- Soldner, S., Sebastianutto, N. and Bortolomeazzi, R. 2008. ‘Composition of phenolic compounds and antioxidant activity of commercial aqueous smoke flavorings’. *Journal of Agricultural and Food Chemistry*, 56(8), pp. 2727–2734. doi: 10.1021/jf072117d.
- Surboyo, D. M. C., Arundina, I., Rahayu, R. P., Mansur, D. and Bramantoro, T. 2019. ‘Potential of Distilled Liquid Smoke Derived from Coconut (Cocos nucifera L) Shell for Traumatic Ulcer Healing in Diabetic Rats’. *European Journal of Dentistry*, 13(02), pp. 271–279. doi: 10.1055/s-0039-1693527.
- Surboyo, M. D. C. 2017. *POTENSI LIQUID SMOKE TEMPURUNG KELAPA (Cocos nucifera L) TERHADAP PROSES PENYEMBUHAN TRAUMATIC ULCER DENGAN DIABETES MELLITUS*. UNIVERSITAS AIRLANGGA.
- Surboyo, M. D. C., Arundina, I. and Rahayu, R. P. 2017. ‘Increase of collagen in diabetes-related traumatic ulcers after the application of liquid smoke coconut shell’. *Dental Journal (Majalah Kedokteran Gigi)*, 50(2), pp. 71–75. doi: 10.20473/j.djmkg.v50.i2.p71-75.
- Surboyo, M. D. C., Tantiana, T. and Arundina, I. 2012. ‘Analgesic effect of coconut shell (Cocos nucifera L) liquid smoke on mice’. *Dental Journal (Majalah Kedokteran Gigi)*, 45(3), pp. 156–160. doi: 10.20473/j.djmkg.v45.i3.p156-160.
- Suresh, D., Suryanarayanan, S., Sarvajnamurthy, S. and Puvvadi, S. 2014. ‘Treatment of a non-healing diabetic foot ulcer with platelet-rich plasma’. *Journal of Cutaneous and Aesthetic Surgery*, 7(4), pp. 229–231. doi: 10.4103/0974-2077.150786.
- Thompson, L. D. R. 2011. ‘Pathology Clinic Oral traumatic ulcer.’ *ENT Journal*, pp. 2–4.
- Tripathi, R. and Tripathi, K. 2015. ‘Management of non healing oral ulcer in diabetic patient using topical application of epidermal growth factor : a case report’. *Scholars Academic Journal of Biosciences*, 3(8), pp. 640–643. Available at: <http://saspublisher.com/wp-content/uploads/2015/08/SAJB-38640-643.pdf>.
- Tsourdi, E., Barthel, A., Rietzsch, H., Reichel, A. and Bornstein, S. R. 2013. ‘Current aspects in the pathophysiology and treatment of chronic wounds in diabetes mellitus’. *BioMed Research International*, 2013, pp. 1–6. doi: 10.1155/2013/385641.
- W., W. F., Arik, A. and Witjaksono 2014. ‘Activity of coconut-shell liquid-smoke

- as an insecticide on the rice brown planthopper (*Nilaparvata lugens*)'. *ARPN Journal of Agricultural and Biological Science*, 9(9), pp. 293–296. Available at:
http://www.arpnjournals.com/jabs/research_papers/rp_2014/jabs_0914_674.pdf.
- Weinberg, M. and Segelnick, S. 2013. 'Management of Common Oral Sores'. *US Pharm*, pp. 1–8. Available at:
<http://www.uspharmacist.com/content/d/feature/i/2445/c/41465/>.
- Whalen, K. L. and Taylor, J. R. 2017. 'Gestational Diabetes Mellitus'. *Reviews in Obstetrics and Gynecology*, 1(3), pp. 129–134. Available at:
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2582643/> %0A
http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2582643/pdf/RIOG001003_0129.pdf.
- WHO 2016. *Global report on diabetes*. World Health Organization. doi: 10.1128/AAC.03728-14.
- Wojdasiewicz, P., Poniatowski, A. A. and Szukiewicz, D. 2014. 'Review Article The Role of Inflammatory and Anti-Inflammatory Cytokines in the Pathogenesis of Osteoarthritis'. *Mediators of Inflammation*, 2014, pp. 1–19. doi: 10.1155/2014/561459.
- Wongrakpanich, S., Wongrakpanich, A., Melhado, K. and Rangaswami, J. 2018. 'A Comprehensive Review of Non-Steroidal Anti- Inflammatory Drug Use in The Elderly'. *Aging and Disease*, 9(1), pp. 143–150. doi: 10.14336/AD.2017.0306.
- Yang, D., Elnera, S. G., Biana, Z.-M., Till, G. O., Petty, H. R. and Elnera, V. M. 2007. 'Pro-inflammatory Cytokines Increase Reactive Oxygen Species through Mitochondria and NADPH Oxidase in Cultured RPE Cells'. *Exp Eye Res*, 85(4), pp. 462–472.
- Yang, J. Y., Moon, E., Nam, S. H. and Friedman, M. 2012. 'Antidiabetic effects of rice hull smoke extract on glucose-regulating mechanism in type 2 diabetic mice'. *Journal of Agricultural and Food Chemistry*, 60(30), pp. 7442–7449. doi: 10.1021/jf3017749.
- Zhang, J.-M. and An, J. 2007. 'Cytokines, Inflammation, and Pain'. *International Anesthesiology Clinics*, 45(2), pp. 27–37. doi: 10.1097/AIA.0b013e318034194e.