

DAFTAR PUSTAKA

- Alatas, Z. 2011. Paradigma Baru Efek Radiasi Dosis Rendah. *Buletin Alara*: 13(2): pp. 97–103.
- Alsultan, Q. M. N., Sijam, K., Rashid, T.S. dan, Ahmad, K. 2016. Gc-Ms Analysis and Antibacterial Activity of Mangosteen Leaf Extracts against Plant Pathogenic Bacteria. *American Journal of Plant Sciences*, 07(07), pp. 1013–1020.
- Ancila, C., Hidayanto, E. 2016. Analisis Dosis Paparan Radiasi Pada Instalasi Radiologi Dental Panoramik. *Youngster Physics Journal*, 5(4), pp. 441–450.
- Aulia, A. N., Sunariani, J. dan, Rachmat, E. A. 2017. Changes in taste sensation of sour, salty, sweet, bitter, umami, and spicy, as well as levels of malondialdehyde serum in radiographers. *Dental Journal (Majalah Kedokteran Gigi)*, 49(2), p. 110.
- Barrera, G. 2012. Oxidative Stress and Lipid Peroxidation Products in Cancer Progression and Therapy, *ISRN Oncology*, 2012, pp. 1–21.
- Barrera, G. Pizimenti S. dan, Daga M. 2018. Lipid peroxidation-derived aldehydes, 4-hydroxynonenal and malondialdehyde in aging-related disorders. *MDPI Journals of Antioxidants*, 7(8), pp. 1-17.
- Chhouk, K., Quitain, A.T., Gaspillo, D. P. dan, Maridable J.B. 2016. Supercritical carbon dioxide-mediated hydrothermal extraction of bioactive compounds from *Garcinia mangostana* pericarp. *Journal of Supercritical Fluids*. Elsevier B.V, 110, pp. 167–175.
- Cui, J., Hu, W., Cai, Z., Liu, Y., Li, S., Tao, W. dan, Xiang H. 2010. New medicinal properties of mangostins: Analgesic activity and pharmacological characterization of active ingredients from the fruit hull of *Garcinia mangostana* L. *Pharmacology Biochemistry and Behavior*. Elsevier Inc., 95(2), pp. 166–172.
- Dewi, D. I. 2010. ‘Tikus Riul (*Rattus norvegicus* Berkenhout, 1769). *Balaba*, 6(2), pp. 22–23.
- Dungir, S. G., Katja, D. G. dan, Kamu, V. S. 2012. Aktivitas Antioksidan Ekstrak Fenolik dari Kulit Buah Manggis (*Garcinia mangostana* L.)’, *Jurnal MIPA*, 1(1), p. 11.
- EL-Meghawry EL-Kenawy, A., Hassan, S. M. dan, Hussein Osman, H.-E. 2019. *Mangosteen (Garcinia mangostana L.) MANGOSTEEN FRUIT AND ITS SOURCES. Nonvitamin and Nonmineral Nutritional Supplements*. Elsevier Inc. doi: 10.1016/B978-0-12-812491-8.00045-X.

- Freitinger Skalická, Z., Zolzer F., Beranek, L. dan, Racek., J. 2012. Indicators of oxidative stress after ionizing and/or non-ionizing radiation: Superoxid dismutase and malondialdehyde. *Journal of Photochemistry and Photobiology B: Biology*, 117, pp. 111–114.
- Gaschler, M. M. dan, Stockwell, B. R. 2017. Lipid peroxidation in cell death. *Biochemical and Biophysical Research Communications*. Elsevier Ltd, 482(3), pp. 419–425.
- Gupta, A., Devi, P., Srivastava, R. dan, Jyoti, B. 2014. Intra oral periapical radiography. *Bangladesh Journal of Dental Research & Education*, 4(2), pp. 83–87.
- Gutierrez-Orozco, F. dan, Failla, M. L. 2013. Biological activities and bioavailability of mangosteen xanthenes: A critical review of the current evidence, *Nutrients*, 5(8), pp. 3163–3183. doi: 10.3390/nu5083163.
- Hassan, M., Watari, H., AbuAlmaaty, A., Ohba, Y. dan, Sakuragi, N. 2014. Apoptosis and molecular targeting therapy in cancer. *BioMed Research International*. Hindawi Publishing Corporation, 2014, pp. 1-23.
- Hayati, K., Astuti E.R. dan, Martini T .2016. Aktivitas Superoksida Dismutase, Katalase dan Kadar Malondialdehida Kelenjar Submandibularis Tikus Wistar Setelah Iradiasi Sinar Gamma. *Staf Biologi Oral Fakultas Kedokteran Gigi Universitas Padjadjaran*, 1(2), pp. 103–109.
- Karjodkar, F. R. 2014. *Textbook of Dental and Maxillofacial Radiology*. 1st Ed. Jaypee Brothers.
- Kusuma, J. 2013. Peranan Peroksidasi Lipid pada Patogenesis Preeklamsia. *Jurnal Universitas Udayana*, pp. 21–24.
- Loegito, M. 2018. Efek Pemberian Ekstrak Etanol Kulit Buah Manggis (*Garcinia mangostana* L.) Terhadap Struktur Histopatologis Testis, Kadar MDA dan SOD Spermatozoa Epididymis, Serta Motalitas dan Viabilitas Spermatozoa Tikus Wistar (*Rattus norvegicus*) Yang Dipapar Asap Rokok. Disertasi S3 Universitas Brawijaya Malang, p.222-224.
- Majidi, S., Parna, A., Zamani, M. dan, Akhbari, K. 2018. Onset and Effect Duration of Intrabuccal Space and Intramuscular Ketamine in Pediatrics. *Advanced biomedical research*, 7(91).
- Miryanti, YIPA., Sapei, LS., Budiono, K. dan, Indra, S. 2011. Ekstraksi antioksidan dari kulit buah manggis (*Garcinia mangostana* L.). Bandung: Lembaga Penelitian dan Pengabdian kepada Masyarakat Universitas Katolik Parahyangan
- Mudjosemedi, M., Widyaningrum, R. dan, Gracea, R. S. 2015. Perbedaan Hasil Pengukuran Horizontal pada Tulang Mandibula dengan Radiograf Panoramik. *Majalah Kedokteran Gigi Indonesia*, 1(1), p. 78.

- Mukherjee, D. dan, Bharath, S. 2013. Design and Characterization of Double Layered Mucoadhesive System Containing Bisphosphonate Derivative. *ISRN Pharmaceutics*, 2013, pp. 1–10.
- Okano, T. dan Sur, J. 2010. Radiation dose and protection in dentistry. *Japanese Dental Science Review*. Japanese Association for Dental Science, 46(2), pp. 112–121.
- Patil, V. M. dan, Masand, N. 2019. Anticancer Potential of Flavonoids: Chemistry, Biological Activities, and Future Perspectives. 1st ed, *Studies in Natural Products Chemistry*. 1st ed. Elsevier B.V.
- Piacham, T., Isarankura-Na-Ayudhya, C. dan, Prachayasittikul, V. 2015. Quercetin-imprinted polymer for anthocyanin extraction from mangosteen pericarp. *Materials Science and Engineering C*. Elsevier B.V., 51, pp. 127–131.
- Pramod, J. R. 2014. Textbook of Oral Medicine. New Delhi: Jaypee Brothers Medical Publishers (P) Ltd. 3rd Ed.
- Shabella, R. 2011. Terapi Kulit Manggis. Jogjakarta : Galmas Publisher, p. 9
- Samuels, N., Saffer, A., Wexler, I.D. dan Oberbaum, M. 2012. Localized reduction of gingival inflammation using site-specific therapy with a topical gingival patch. *Journal of Clinical Dentistry*, 23(2), pp. 64–67.
- Saputra, D., Astuti, E. R. dan, Budhy, T. I. 2012. Apoptosis dan nekrosis sel mukosa rongga mulut akibat radiasi sinar-x dental radiografik konvensional. *Dentomaxillofacial Radiology Dental Journal*, 3(1), pp. 36–40.
- Setyawan, E. I., Dewantara, I. G. N. A., dan, Putra, M. D. D. 2014. Optimasi Formula Matrik Patch Mukoadhesif Ekstrak Daun Sirih (Piper Betle L.) Menggunakan Mentol dan PEG 400 Sebagai Permeation Enhancer dan Plasticizer. *Media Farmasi*: 11(2), pp. 120-132
- Shantiningsih RR. 2014. Patch gingiva mukoadesif β -carotene sebagai pencegah efek samping paparan radiografi panoramik (kajian in vivo pada kelinci galur New Zealand). Disertasi. Fakultas Kedokteran Gigi UGM. pp. 73-147.
- Shantiningsih, R. R. and Diba, S. . (2015) 'Efek Aplikasi Patch Gingiva Mukoadesif β -Carotene akibat Paparan Radiografi Panoramik', *Majalah Kedokteran Gigi Indonesia*, 1(2), pp. 198–204.
- Sinaga, F. A. 2016). Stress Oksidatif Dan Status Antioksidan Pada Aktivitas Fisik Maksimal. *Generasi Kampus*, 9(2), pp. 176–189. doi: 10.1042/BJ20091286.
- Spirlandeli, A. L., Deminice, R. dan , Jordao, A. A. 2014. Plasma Malondialdehyde as Biomarker of Lipid Peroxidation : Effects of Acute

- Exercise Plasma Malondialdehyde as Biomarker of Lipid Peroxidation : Effects of Acute Exercise. pp. 14–18.
- Subani Natalia D. 2013. Pengaruh Ekstrak Kulit Buah Manggis (*Garcinia mangostana* L.) Terhadap Kualitas Spermatozoa Dan Kadar Malondialdehyde Mencit (*Mus musculus*) Yang Terpapar 2-Methoxyethano. Tesis Magister Fakultas Kedokteran Universitas Airlangga. Available at: repository.unair.ac.id
- Susanti. 2015. Pengaruh Paparan Radiasi Sinar-x dari Radiografi Panoramik Terhadap pH Saliva. 4(2), p. vii Available at: [http://repository.unej.ac.id/bitstream/handle/123456789/72765/NUNGKY_TIAS S cover 123.pdf?sequence=1](http://repository.unej.ac.id/bitstream/handle/123456789/72765/NUNGKY_TIAS_S_cover_123.pdf?sequence=1).
- Suttirak, W. dan, Manurakchinakorn, S. 2014. In vitro antioxidant properties of mangosteen peel extract. *Journal of Food Science and Technology*, 51(12), pp. 3546–3558.
- Wang, W., Jung, J., Tomasino, E. dan, Zhao, Y. 2016. Optimization of solvent and ultrasound-assisted extraction for different anthocyanin rich fruit and their effects on anthocyanin compositions. *LWT - Food Science and Technology*. Elsevier Ltd, 72, pp. 229–238.
- Werdhasari, A. 2014. Peran Antioksidan Bagi Kesehatan. *Jurnal Kesehatan*. Vol.3.2, pp. 59–68.
- Whaites, E. dan, Drage, N. 2015. Essentials of dental radiography and radiology. Edinburgh [etc.]: Churchill Livingstone Elsevier.
- White, S., C., Pharoah, M., J. 2014. Oral Radiology Principles and Interpretations. 7th ed. St. Louis, Missouri: Elsevier Mosby, p.16-17, 30-32, 153, 166.
- Widayati, E. 2012. Oksidasi Biologi, Radikal Bebas, dan Antioxidant. Artikel Ilmiah. Bagian Kimia-Biokimia FK Unissula, Semarang.
- Woroprosari, N. R. 2016. Efek Stokastik Radiasi Sinar-X Dental Pada Ibu Hamil Dan Janin. *Odonto Dental Journal*, 3(1), pp. 60–66.
- Wulan, A. J. 2015. Buah Manggis. *Garcinia mangostana* L sebagai Alternatif Pelindung Memori. *Jurnal Anatomi Fakultas Kedokteran Universitas Lampung*. pp. 58–63.
- Yatman, E. 2012. Kulit buah manggis mengandung xanton yang berkhasiat tinggi. *Widya*, 29, pp. 2–9.
- Yustika, A. R., Aulanni'am dan, Prasetyawan, S. 2013. Kadar Malondialdehid (MDA) dan Gambaran Histologi Pada Ginjal Tikus Putih (*Rattus norvegicus*) Pasca Induksi Cylosporine-A. *Kimia Student Journal*, 1(2), pp. 222–228.