

DAFTAR PUSTAKA

- Al-Qur'an dan terjemahnya. 2017. Jakarta: Kementrian Agama Republik Indonesia.
- Afrina., Chismina, S. & Aulia, CRP. 2016. Konsentrasi hambat dan bunuh minimum ekstrak buah kapulaga (*Amomum compactum*) terhadap *Aggregatibacter actinomycetemcomitans*. Journal of Syiah Kuala Dentistry Society, 1(2),pp.192-195.
- Astriyai, W., Surjowardojo, P. & Susilorin, TE. 2017. Daya hambat ekstrak buah Mahkota dewa (*Phaleria macrocarpa L.*) dengan pelarut etanol dan aquades terhadap bakteri *Staphylococcus aureus* penyebab masitis pada sapi perah. Jurnal Ternak Tropika, 18(12),pp.8-13.
- Alara, OR., Alara, JA. & Olalere, OA. 2016. Review on *Phaleria macrocarpa* pharmacological and phytochemical properties. Drug designing: open access journal., 5(3),pp.1-5.
- Ali, M. 2016. Konsep makanan halal dalam tinjauan syariah dan tanggung jawab produk atas produsen industri halal. Ahkam, 16(2),pp.291-306.
- Ali, S. 2015. Pengobatan alternatif dalam perspektif hukum Islam. Al-Adalah, 12(4),pp.67-890.
- Altaf, R., Zaini, M. & Umar, IM. 2013. Phytochemistry and medical properties of *Phaleria macrocarpa* (Scheff.) Boerl. Extracts. Pharmacognosy Review. Pharmacogn rev, 7(13),pp.73-80.
- Alfaridz, F. & Amalia R. 2018. Review jurnal : klasifikasi dan aktivitas farmakologi dari senyawa aktif flavonoid. Farmaka, 16(3),pp.1-9.
- Afnizar, M., Mahdi, N. & Zuraidah. 2016. Uji aktivitas anti bakteri ekstrak daun Mahkota dewa *Phaleria macrocarpa* terhadap bakteri *Staphylococcus aureus*. Prodi Pendidikan Biologi Fakultas Tarbiyah dan Keguruan UIN Ar-Raniry, pp.293–300.
- Arshed, N. & Danson M. 2015. The literature review. In: Gorman, KO. & MacIntosh, R. ed. Research methods for business & management, 2nd ed, Oxford: Goodfellow Publishers Limited, pp.31-49.
- Avasthy, P., Govila, V., Verma, S., Pant, V. & Sharma, M. 2015. Review article risk factors for periodontal diseases. Journal of allied dental and medical sciences, 1(1),pp.44-54.
- Aziz, MM., Ashour, AS. & Melad ASG 2019. A review of saponins medicinal plants chemistry, location & determination, Journal of Nanomedicine Research, 7(4),pp.282-288.
- Aziz, M. & Sholikah. 2013. Metode penetapan maqoshid al-syariah: Studi Pemikiran Abu Ishaq al Syatibi. Ulul albab, 4(22),pp.161-174.
- Brown, SP., Cornforth, DM. & Mideo, N. 2012. Evolution of virulence in opportunistic pathogens: generalism, plasticity, and control. Trends in microbiology, 20(7),pp336-342
- Caton, J., Armitage, G., Berglundh, T., Chapple, ILC., Jepsen S., Kornman, KS., Mealey, BL., Papanou, PN., Sanz, M. & Tonetti, MS. 2018. A new classification scheme for periodontal and peri-implant diseases and

- conditions – Introduction and key changes from the 1999 classification. *Journal of clinical periodontology*, 45(20),pp.1-8.
- Chapple, ILC., Weijden, VD., Doerefer, C., Herrera, D., Shapira L., Polak, D., Madianos, P., Louropoulou, A., Machtei, E., Donos, N., Greenwell, H., Van Winkelhoff, AJ., Eren Kuru, B., Arweiler, N., Teughels, W., Aimetti, M., Molina. A., Montero, E. & Graziani, F. 2015. Primary prevention of periodontitis: managing gingivitis. *Journal of clinical periodontology*, 42(16),pp.71-76.
- Cushnie, TPT. & Lamb, AJ. 2005. Antimicrobial activity of flavonoids. *Int. J. Antimicrob. Agents*, 26(1),pp.343–356.
- Djamil, R. & Winarti, W. 2014. Identifikasi senyawa flavonoid dalam fase n - butanol dari ekstrak metanol daun Mahkota Dewa *Phaleria macrocarpa* (Scheff) Boerl. *Fakultas Farmasi Universitas Pancasila*, 1(1),pp.1-5.
- Fiana, N. & Oktaria, D. 2016. Pengaruh kandungan saponin dalam daging Buah Mahkota Dewa (*Phaleria macrocarpa*) terhadap penurunan kadar glukosa darah. *Majority*, 5(4),pp.128-132.
- Fine, DH., Patil, AG. & Loos, BG. 2018. Classification and diagnosis of aggressive periodontitis. *Journal of clinical periodontology*, 45(20),pp.95-108.
- Fiorellini, JP., Kim, D. & Chang, YC. 2018. Anatomy, Structure, and Function of the Periodontium. In: Newman, MG., Takei, HH., Klokkevold, PR. & Carranza, FA. eds. *Newman and Carranza's clinical periodontology*, 13th ed, Philadelphia: Elsevier, pp.19-49.
- Gholizadeh, P., Mohammad, A., Eslami, H., Shokouhi, B., Fakhrzadh, V. & Kafil, HS. 2017. Oral pathogenesis of *Aggregatibacter actinomycetemcomitans*. *Elsevier*, 11(1),pp.303-311.
- Guerra, F. & Sepúlveda, S. 2020. Saponin production from quillaja genus specis. an insight into its applications and biology. *Scientia agricola*, 78(5),pp.1-5.
- Handayani, IA. 2016. Perbandingan kadar flavonoid ekstrak buah Mahkota Dewa (*Phaleria macrocarpa* [Scheff] Boerl) secara remaserasi dan perkolasi. *Jurnal Ilmiah Ibnu Sina*, 1(1),pp.79-87.
- Hendra, R., Ahmad, S., Sukari, A., Shukor, MY. & Oskoueian, E. 2011. Flavonoid analyses and antimicrobial activity of various parts of phaleria macrocarpa (scheff.) boerl fruit. *International journal of molecular sciences*, 12(1),pp.3422-3431.
- Highfield, J. 2009. Diagnosis and classification of periodontal disease. *Australian dental journal*, 54(1),pp.11–26.
- Hijriawati, M., Putriana, NA. & Husni, P. 2014. Upaya farmasis dalam implementasi UU no. 33 tahun 2014 mengenai jaminan produk halal. *Farmaka*, 16(1),pp.127-132
- Husin, AF. 2014. Islam dan kesehatan. *Islamuna*, 1(2),pp.194-207.
- Indah, YM. & Mattulada, IK. 2015. Efek antibakteri ekstrak buah Mahkota Dewa (*Phaleria macrocarpa* (Scheff) Boerl) terhadap *Porphyromonas gingivalis* sebagai alternatif bahan medikamen saluran akar. *Makassar Dent J*, 4(2),pp.50-53.
- Jasmi, KA. 2016. Siwak dan Puasa. Jakarta. In: Jasmi KA. ed. *Ensiklopedia Pendidikan Islam*. Skudai Johor: Fakulti Tamadun Islam, Universiti

- Teknologi Malaysia & Persatuan Cendekiawan Pendidikan Islam Malaysia, 1st ed, pp.146-148.
- Joshipura, V., Yadalam, U. & Brahmavar, B. 2015. Aggressive Periodontitis: a review. Journal of the international clinical dental research organization, 7(1),pp.11-15.
- Juhannis, H., 2015. Kajian Mikroorganisme dan Keterbelakangan Sainstek Umat Islam (Catatan Kecil dari a Non-Biology Specialist). Pusat Kajian Islam dan Teknologi (Puskaistek) LP2M UIN Alauddin Makassar, 6(9),pp.1-9.
- Kriswandini, IL., Tantiana., Berniyati, T. & Tyas, PNB. 2020. Detection of Biofilm Proteins from *Aggregatibacter actinomycetemcomitans* Induced by Glucose, Lactose, Soy Protein, and Iron Along with Protein Density Analysis. Malaysian Journal of Medicine and Health Sciences, 16(4),pp.12-16.
- Kusuma, SAF., Khairunnisa, R. & Suryasaputra, D. 2019. Antibacterial activity *Phaleria macrocarpa* (Scheff.) Boerl fruit ethanolic extract against chloramphenicol-sensitive and resistant *Staphylococcus aureus*. Drug Invention Today, 12(7),pp.1388-1390.
- Latief, IZ. 2014. Islam dan ilmu pengetahuan. Islamuna, 1(2),pp.151-169.
- Madanny, AM. 2015. Syukur dalam perspektif Al-Qur'an. Az-Zarqa, 7(1),pp.1-28.
- Mahmud, A. 2017. Kajian Hadis tentang Halal, Haram, dan Syubhat. Jurnal ibadiyah, 17(2),pp.124-142
- Mahzir, KAM., Gani, SSA., Zaidan, HU. & Halmi MIE. Development of *Phaleria macrocarpa* (Scheff.) Boerl fruits using response surface methodology focused on phenolics, flavonoids and antioxidant properties. Molecules, 23(724),pp.1-22.
- Mafud, C. 2014. The power of syukur: tafsir kontekstual konsep syukur dalam Al-Qur'an. Epistemé, 9(2),pp.377-400.
- Mani, A., James, R. & Mani, S. 2018. Etiology and pathogenesis of aggressive periodontitis: a mini review. Galore international journal of health sciences and research, 3(2),pp.4-7.
- Mann, J., Bernstein, Y. & Findler, M. 2019. Periodontal disease and its prevention, by traditional and new avenues (Review). Experimental and therapeutic medicine, 19(10),pp.1504-1506.
- Melati, CM., Kusmana, A., Miko, H., Triyanto, R. & Rahayu, C. 2019. Kesehatan Gigi Dan Mulut Dalam Perspektif Islam. ARSA (Actual Research Science Academic), 4(3),pp.13-23.
- Merchant, SN., Vovk, A., Kalash, D., Hovencamp, N. & Aukhil, I. 2014. Localized aggressive periodontitis treatment responsse in primary and permanent dentitions, 85(12),pp.1722-1729.
- Minic, I. & Pejic, A. 2019. Pathogenesis of *Aggregatibacter actinomycetemcomitans* in periodontitis. Scientific archives of dental sciences, 2(4),pp.17-21.
- Munir. 2013. Hadis-hadis Mengenai Tumbu-tumbuhan: klasifikasi dan kegunaanya. Cet. I; Makassar: Alauddin Press.
- Murakami, S., Mealey, BL., Mariotti, A. & Chapple, ILC. 2018. Dental plaque-induced gingival conditions. Journal of clinical periodontology, 45(20),pp.17-27.

- Mushodiq, MA. 2017. Religionomik Hadits Al-Habbah As-Sauda' (Studi Analisis Matan Hadis). IAIM NU Metro Lampung, 5(2),pp.120-137.
- Nanaiah, KP., Nagarathna, DV. & Manjunath N. 2013. Prevalence of periodontitis among the adolescents aged 15-18 years in Mangalore City: An epidemiological and microbiological study. Journal of Indian Society of Periodontology, 17(6),pp.784-789.
- Nanditha, S., Muthusamy, S., Chandrasekaran, B. & Kannan, S. 2015. A Judicious Treatment Approach for the Management of Localized Aggressive Periodontitis: A Case Report, 3(2),pp.1-4.
- Nariratih, D., Rusyanti, Y. & Susanto, A. 2011. Prevalence and characteristics of aggressive periodontitis. Padjajaran journal of dentistry, 23(2),pp.97-104.
- Nismal, H. 2018. Islam dan kesehatan gigi. In: Nismal, H. ed. Jakarta: Pustaka Al-kautsar, 1st ed, pp.2-7.
- Oscarsson, J., Claesson, R., Lindholm, M., Aberg, CH. & Johansson, A. 2019. Tools of *Aggregatibacter actinomycetemcomitans* to evade the host response. Journal of clinical medicine, 8(1),pp.1-12.
- Panche, AN., Diwan, AD. & Chandra, SR. 2016. Flavonoids: an overview. Journal of nutritional sciences, 5(47),pp.1-15.
- Piscoya, MDBV., Ximenes RA., Silva, GM., Jamelli, SR. & Coutinho, B. 2012. Periodontitis-associated risk factors in pregnant women. Clinical science, 67(1),pp.27-33.
- Preshaw, P. 2018. Periodontal disease pathogenesis. In: Newman, MG., Takei, HH., Klokkevold, PR. & Carranza, FA. ed. Newman and Carranza's clinical periodontology. 13th ed. Philadelphia: Elsevier pp.88-110.
- Rahmania, EL. & Rusminah, N. 2019. Densitas tulang alveolar pada penderita periodontitis kronis dan periodontitis agresif melalui radiografi. Jurnal Radiologi Dentomaksilofasial Indonesia, 3(2),pp.7-10.
- Radita, DC. & Widyarman, AS. 2019. Mahkota Dewa (God's Crown) fruit extract inhibits the formation of periodontal pathogen biofilms *in vitro*. Journal of Indonesian dental association., 2(2),pp.57-62.
- Raja, M., Ummer, F. & Dhivakar, CP. 2014. *Aggregatibacter actinomycetemcomitans* - a tooth killer?. Journal of clinical and diagnostic, 8(8),pp.13-17.
- Riskesdas. 2018. Laporan nasional Riskesdas. Badan pengembangan dan penelitian kesehatan, pp.186-189.
- Rizal, S. 2020. Manfaat alam dan tumbuhan "sumber belajar anak" dalam perspektif islam. Jurnal pendidikan anak usia dini, 1(2),pp.96-107.
- Rohyami, Y. 2008. Penentuan kandungan flavonoid dari ekstrak metanol daging buah Mahkota dewa (*Phaleria macrocarpa* Scheff Boerl). Jurnal Penelitian & Pengabdian dhalml.uui.ac.id. 5(1),pp.27-33.
- Roshna, T. & Nandakumar K. 2012. Generalized aggressive periodontitis and its treatment options: case report and review of the literature. Case report in medicine, 10(1155),pp.1-17.
- Shiddiq, G. 2009. Teori maqashid al-syari'ah dalam hukum Islam. Semarang: Sultan agung, 44(118),pp.117-128.

- Silva, N., Abusleme, L., Bravo, D., Dutzan, N., Sesnich, JG., Vernal, R., Hernandez, M. & Gamonal, J. 2015. Host response mechanisms in periodontal diseases. *J ahal oral sciences*, 23(3),pp.329–55.
- Subandi, HM. 2014. Mikrobiologi: kajian dalam perspektif Islam. Bandung: PT Remaja Rosdakarya, pp.7-8, 155.
- Sudewa, IWB., Ismanto, AY. & Rompas S. 2012. Pengaruh buah Mahkota Dewa (*Phaleria macrocarpa*) terhadap penurunan tekanan darah pada penderita hipertensi di desa Werdih Agung kecamatan Dumga Tengah kabupaten Bolang Mongondow. Universitas Sam Ratulangi Manado.
- Wang, CY., Wang, HC., Lid, JM., Wang, JY., Yang, KC., Hoa, YK., Lina, PY., Lee, L., Yua, CJ., Yang, PC. & Hsue, PR. 2010. Invasive Infections of *Aggregatibacter (Actinobacillus) Actinomycetemcomitans*. *Journal of Microbiology, Immunology, and Infection*, 43(6),pp.491-497.
- Wijayanti, A., Rahardjo, A. & Bahar, A. 2010. Perubahan parameter halitosis setelah penggunaan siwak (*salvadora persica*) pada santri pondok pesantren tapak sunan usia 11-13 tahun. *Ina j dent res*, 17(2),pp.43-47.
- Yixi, X., Weijie ,Y., Fen, T., Xiaoqing, C. & Licheng, Ren. 2015. Antibacterial activities of flavonoids: structure-activity relationship and mechanism. *Current medicinal chemistry*, 22(1),pp.132–49.