

## DAFTAR PUSTAKA

- Almuhanna, Y. *et al.* (2024) 'Antibacterial, Antibiofilm, and Wound Healing Activities of Rutin and Quercetin and Their Interaction with Gentamicin on Excision Wounds in Diabetic Mice', *Biology*, 13(9), p. 676. Available at: <https://doi.org/10.3390/biology13090676>.
- Alp, Ş. and Ulusoy, N. (2024) 'Current Approaches in Pulp Capping: A Review', *Cyprus Journal of Medical Sciences*, pp. 154–160. Available at: <https://doi.org/10.4274/cjms.2023.2022-37>.
- Azlan, U.K. *et al.* (2022) 'A Comprehensive Review with Updated Future Perspectives on the Ethnomedicinal and Pharmacological Aspects of *Moringa oleifera*', *Molecules*, 27(18), p. 5765. Available at: <https://doi.org/10.3390/molecules27185765>.
- Chuang, S.-F. *et al.* (2022) 'Dentin Sialoprotein/Phosphophoryn (DSP/PP) as Bio-Inductive Materials for Direct Pulp Capping', *Polymers*, 14(17), p. 3656. Available at: <https://doi.org/10.3390/polym14173656>.
- Da Rosa, W.L.O., Piva, E. and Da Silva, A.F. (2018) 'Disclosing the physiology of pulp tissue for vital pulp therapy', *International Endodontic Journal*, 51(8), pp. 829–846. Available at: <https://doi.org/10.1111/iej.12906>.
- Du Toit, E.S., Sithole, J. and Vorster, J. (2020) 'Leaf harvesting severity affects total phenolic and tannin content of fresh and dry leaves of *Moringa oleifera* Lam. trees growing in Gauteng, South Africa', *South African Journal of Botany*, 129, pp. 336–340. Available at: <https://doi.org/10.1016/j.sajb.2019.08.035>.
- El Karim, I.A. *et al.* (2021) 'Deciphering Reparative Processes in the Inflamed Dental Pulp', *Frontiers in Dental Medicine*, 2, p. 651219. Available at: <https://doi.org/10.3389/fdmed.2021.651219>.
- Gairola, D. and Yusuf, A.J. (2025) 'Structural characterization and in silico evaluation of bioactive compounds from *Rhus cotinus* (Syn. *Cotinus coggrygia*) roots as potential EGFR inhibitors for brain Cancer', *Results in Chemistry*, 14, p. 102101. Available at: <https://doi.org/10.1016/j.rechem.2025.102101>.
- Iqbal, D. *et al.* (2017) 'Investigating The Role of Novel Bioactive Compound from *Ficus Virens* Ait on Cigarette Smoke Induced Oxidative Stress and ... in Rats', *Iranian Journal of Pharmaceutical Research : IJPR*, 1103.
- Haidar, A.H.M.J. (2022) 'Remineralization of Dentine Caries *Moringa oleifera* Based Nano-Silver Fluoride: A Single-Blinded, ...-Controlled Clinical Trial', *Dental Hypotheses*, 13(3), pp. ... Available at: [https://doi.org/10.4103/denthyp.denthyp\\_57\\_22](https://doi.org/10.4103/denthyp.denthyp_57_22).



- Li, Y., Zheng, Y. and Wang, H. (2021) 'Anticancer activity of Vicenin-2 against 7,12 dimethylbenz[a]anthracene-induced buccal pouch carcinoma in hamsters', *Journal of Biochemical and Molecular Toxicology*, 35(3), p. e22673. Available at: <https://doi.org/10.1002/jbt.22673>.
- Megantara, S. *et al.* (2022) 'In Silico Study: Combination of  $\alpha$ -Mangostin and Chitosan Conjugated with Trastuzumab against Human Epidermal Growth Factor Receptor 2', *Polymers*, 14(13), p. 2747. Available at: <https://doi.org/10.3390/polym14132747>.
- Mohammadi, Z. and Dummer, P.M.H. (2011) 'Properties and applications of calcium hydroxide in endodontics and dental traumatology: Calcium hydroxide in endodontics and dental traumatology', *International Endodontic Journal*, 44(8), pp. 697–730. Available at: <https://doi.org/10.1111/j.1365-2591.2011.01886.x>.
- Muhammad, A.A. *et al.* (2013) 'In vitro wound healing potential and identification of bioactive compounds from *Moringa oleifera* Lam', *BioMed Research International*, 2013, p. 974580. Available at: <https://doi.org/10.1155/2013/974580>.
- Naseeb, M. *et al.* (2024) 'Rutin Promotes Wound Healing by Inhibiting Oxidative Stress and Inflammation in Metformin-Controlled Diabetes in Rats', *ACS Omega*, 9(30), pp. 32394–32406. Available at: <https://doi.org/10.1021/acsomega.3c05595>.
- Niwa, T. *et al.* (2018) 'The dynamics of TGF- $\beta$  in dental pulp, odontoblasts and dentin', *Scientific Reports*, 8(1), p. 4450. Available at: <https://doi.org/10.1038/s41598-018-22823-7>.
- Nugroho, J.J. *et al.* (2020) 'Expression of IL-1 $\alpha$  and PMN Leukocytes in Inflamed Pulp of Wistar Rat After Application of Haruan Fish Extract (*Channa striata*)'.
- Paula, A.B. *et al.* (2020) 'Evaluation of dentinogenesis inducer biomaterials: an in vivo study', *Journal of Applied Oral Science*, 28, p. e20190023. Available at: <https://doi.org/10.1590/1678-7757-2019-0023>.
- Pharmacological Aspects of Moringa oleifera* (no date). Available at: <https://encyclopedia.pub/entry/27613> (Accessed: 30 July 2025).
- Pratama, M.R.F., Poerwono, H. and Siswodihardjo, S. (2020) '**Molecular Docking of Novel 5-O-benzoylpinostrobin Derivatives as SARS-CoV-2 Main Protease Inhibitors**', *Pharmaceutical Sciences*, 26(Covid-19), pp. S63–S77. [s://doi.org/10.34172/PS.2020.57](https://doi.org/10.34172/PS.2020.57).
- ti, I. and Nadia, A. (no date) 'Effect of calcium hydroxide-ation on the number of fibroblast cells and angiogenesis in', 10(1).
- 3) 'LC-MS guided isolation of N, $\beta$ -Glucopyranosyl other compounds from the curare ingredient *Strychnos*



peckii', *Frontiers in Natural Products*, 2. Available at:  
<https://doi.org/10.3389/fntpr.2023.1189619>.

Shafiq, N.E. and Mahdee, A.F. (2023) 'Moringa oleifera Use in Maintaining Oral Health and Its Potential Use in Regenerative Dentistry', *The Scientific World Journal*. Edited by C.E. Medina-Solis, 2023, pp. 1–8. Available at:  
<https://doi.org/10.1155/2023/8876189>.

Showing Compound beta-Sitosterol 3-O-beta-D-Glucuronopyranoside (FDB021626)  
 - FoodDB (no date). Available at: <https://foodb.ca/compounds/FDB021626>  
 (Accessed: 22 July 2025).

Szwed-Georgiou, A. *et al.* (2023) 'Bioactive Materials for Bone Regeneration: Biomolecules and Delivery Systems', *ACS Biomaterials Science & Engineering*, 9(9), pp. 5222–5254. Available at:  
<https://doi.org/10.1021/acsbiomaterials.3c00609>.

Tan, W.S. *et al.* (2020) 'Healing Effect of Vicenin-2 (VCN-2) on Human Dermal Fibroblast (HDF) and Development VCN-2 Hydrocolloid Film Based on Alginate as Potential Wound Dressing', *BioMed Research International*, 2020, p. 4730858. Available at: <https://doi.org/10.1155/2020/4730858>.

Tanumihardja, M. *et al.* (2020) 'Viabilities of Odontoblast Cells Following Addition of Haruan Fish in Calcium Hydroxide', *Open Access Macedonian Journal of Medical Sciences*, 8(D), pp. 58–63. Available at:  
<https://doi.org/10.3889/oamjms.2020.4362>.

Wang, C. *et al.* (2018) 'Recent Developments and Applications of the MMPBSA Method', *Frontiers in Molecular Biosciences*, 4. Available at:  
<https://doi.org/10.3389/fmolb.2017.00087>.

Yamakoshi, Y. *et al.* (2014) 'DPP and DSP are Necessary for Maintaining TGF- $\beta$ 1 Activity in Dentin', *Journal of Dental Research*, 93(7), pp. 671–677. Available at: <https://doi.org/10.1177/0022034514534690>.

Yoshihara, K. *et al.* (2020) 'Three-dimensional observation and analysis of remineralization in dentinal caries lesions', *Scientific Reports*, 10(1), p. 4387. Available at: <https://doi.org/10.1038/s41598-020-61111-1>.

Younis, S.H., Obeid, R.F. and Ammar, M.M. (2020) 'Subsurface enamel remineralization by Lyophilized Moringa leaf extract loaded varnish', *Heliyon*, 6(9), p. e05054. Available at: <https://doi.org/10.1016/j.heliyon.2020.e05054>.



*al.* (2020) 'The effect of four materials on direct pulp capping: , *Australian Endodontic Journal*, 46(2), pp. 249–256. Available  
[/10.1111/aej.12400](https://doi.org/10.1111/aej.12400).