

DAFTAR PUSTAKA

- Abbas. 2020. *Cellular and Molecular Immunology* (6 ed). Philadelphia : Elsevier.
- Abirami, Kumar, Hemalatha Ramkumar, Dakshinamurthy Senthil. 2020. Clinical and Radiographic Evaluation of the Efficacy of Formocresol, *Allium sativum* Oil, and Aloe barbadensis Gel as Pulpotomy Medicaments in Primary Molars: A Randomized Controlled Trial. *International Journal of Clinical Pediatric Dentistry*. 13(5):518–522.
- Afkhami F, Elahy S, Nahavandi AM, Kharazifard MJ, Sooratgar A. 2019. Discoloration of teeth due to different intracanal medicaments . *Restor Dent Endod.*; 44(1):10 <https://doi.org/10.5395/rde.2019.44.e10>
- Afunwa, R.A., Okonkwo, T.C., Egbuna, R.N. and Ikeg bune, C. (2022) Comparative Effects of *Allium sativum* (Garlic) and *Allium por rum* (Leek) on Lacerated Wound Isolates. *Journal of Internal Medicine*, 12, 184-193. <https://doi.org/10.4236/ojim.2022.124020>.
- Alghamdi F, Shakir M. 2020. The Influence of *Enterococcus faecalis* as a Dental Root Canal Pathogen on Endodontic Treatment: A Systematic Review. *Cureus* ;12(3).
- Anggraeni D., Kamaluddin, Theodorus. 2018. Effectiveness of Garlic Water Extract Gel (*Allium sativum*. L) Against Necrotic Factor Alfa (TNF- α) Tumors and Mouth Ulcer Diameter in Rats. *Biomed J Indones J Biomedik Fak Kedokt Univ Sriwij.* Vol 4, No 3 :128–39.
- Arangannal P., Gomagal Muthiah, Jeevarathan J, Sankar P., 2019, Lesion Sterilization and Tissue Repair in Nonvital Primary Teeth: An In vivo Study. *J. Contemporary Clinical Dentistry*. DOI: 10.4103/ccd.ccd_124_18.
- Aubeux, Emmanuelle Renard, Fabienne Perez, Solene Tessier, Valerie Geoffroy, Alexis Gaudin. 2021. Review of Animal Models to Study Pulp Inflammation. *Dent. Med.* 2:673552. doi: 10.3389/fdmed.2021.673552
- Baratawidjaja, K.G., dan Rengganis, I. 2016. *Imunologi Dasar* cetakan XI. Fakultas Kedokteran Universitas Indonesia.
- Batiha, G.; Magdy Beshbishy, A.; GWasef, L.; Elewa, Y.H.A.; AAl-Sagan, A.; Abd El-Hack, M.E.; Taha, A.E.; Abd-Elhakim, Y.M.; Prasad Devkota, H. 2020. Chemical Constituents and Pharmacological Activities of Garlic (*Allium sativum* L.): A Review. *Nutrients*: 12, 872.
- Begum, F. 2014. *Immunology*, PHI Learning Private Limited, New Delhi, hal 44.

- Bhatwalkar SB, Mondal R, Krishna SBN, Adam JK, Govender P and Anupam R. 2021. Antibacterial Properties of Organosulfur Compounds of Garlic (*Allium sativum*). *Front. Microbiol.* 12:613077. doi: 10.3389/fmicb.2021.613077
- Birring OJ, Vilorio IL, Nunez P. 2015. Anti-microbial efficacy of *Allium sativum* extract against *Enterococcus faecalis* biofilm and its penetration into the root dentin: An in vitro study. *Indian J Dent Res* 26:477-82.
- Borlinghaus J, Albrecht F, Gruhlke MCH, Nwachukwu ID, Slusarenko AJ. 2014. Allicin: Chemistry and biological properties. *Molecules*;19(8):12591–618.
- Bonardo, B., Christina H., Fransisca, C., Kristin, K., dan Sudiono, J. 2015. Peran Monosit (Makrofag) pada Proses Angiogenesis dan Fibrosis. *Seminar Nasional Cendekiawan*, 254-259.
- Bramanti, I., Sudarso, ISR., Wahyuningsih, MSH., Wibawa, T. 2019. Pengaruh Ekstrak Bawang Putih (*Allium sativum* L.) Sebagai Bahan Dressing Intrakanal Terhadap Hasil Perawatan Saluran Akar Gigi Desidui (Kajian in vitro dan Klinis: Biokompatibilitas, Antibakteri, Anti-inflamasi, Analgetik, dan Pertumbuhan Sel) [Unpublished doctoral dissertation]. Universitas Gadjah Mada
- Bramanti I, Ngatidjan., Purwono S. 2013. The acceleration of garlic (*Allium sativum* L) ethanolic extract on gingival wound healing process in Wistar rats. *J the Med Sci*;45(02):51–60. DOI: <https://doi.org/10.19106/JMedScie004502201301>.
- Chakraborty, B., Anupama P. Nayak, Arathi Rao. 2018. Efficacy of Lesion Sterilization and Tissue Repair in Primary Tooth with Internal Resorption: A Case Series. *Contemporary Clinical Dentistry*. 9:S361-4
- Coll, James; Vineet Dhar; Kaaren Vargas; Chia-Yu Chen; Yasmi O. Crystal; Shahad AlShamali; Abdullah A. Marghalani. 2020. Recommendations Clinical Practice Guideline : Use of Non-Vital Pulp Therapies in Primary Teeth. *Pediatr Dent.* : 42(5):337-49.
- Coll JA, Vargas K, Marghalani AA, Abdullah A. Marghalani, Chia-Yu Chen, Shahad AlShamali, Vineet Dhar, Yasmi. Crystal. A Systematic Review and Meta-Analysis of Nonvital Pulp Therapy for Primary Teeth. *Pediatr Dent.* ; 42(4):256-72.
- Dammaschke, T. 2010. Review Article : Rat molar teeth as a study model for direct pulp capping research in dentistry. *Laboratory Animals*; 44: 1–6. DOI: 10.1258/la.2009.008120
- Dewi, Krisna Kencana, I. Bramanti, ISR Sudarso, MSH Wahyuningsih, T. Wibawa, 2020. The Comparative Study Between Calcium Hydroxide and Garlic Extract on Inhibitory Effect of Clinical Isolate Bacterial of Primary Teeth. *International Journal of Human and Health Sciences*. Vol.4:282-286 DOI: <http://dx.doi.org/10.31344/ijhhs.v4i4.214>

- Divya, Sujatha S., 2018. An insight on the success of various pulpotomy medicaments in pediatric dentistry-A review of literature. *Research Journal of Pharmacy and Technology* :11. Issue 6: 2647-2655. DOI : 10.5958/0974-360X.2018.00491.2
- Dorasani, G., Madhusudhana, K., Chinni, S.K., 2013. Clinical and Radiographic Evaluation of Single-visit and Multi-visit Endodontic treatment of Teeth with Periapical Pathology : An in vivo study. *Journal of Conservative Dentistry*, 16(6) : 484-488.
- Dsouza, H.L.J., Raina. 2022. Role of Herbs in Endodontics: An Update. *Sch J Dent Sci.*; 9(9): 176-181
- Duarte, Maysa Lannes, Paula Maciel Pires, Daniele Masterson Ferreira, Andrea Vaz Braga Pintor, Aline de Almeida Neves, Lucianne Cople Maia, Laura Guimaraes Primo. 2020. Is there evidence for the use of lesion sterilization and tissue repair therapy in the endodontic treatment of primary teeth? A systematic review and meta-analyses. *Clinical Oral Investigations*. Vol. 24: 2959-2972. DOI : 10.1007/s00784-020-03415-0.
- El-Gayar. Rania A. H. Ishak, Ahmed Esmat, Mohammad M. Aboulwafa, Khaled M. Aboshanab. 2022. Evaluation of lyophilized royal jelly and garlic extract emulgels using a murine model infected with methicillin-resistant *Staphylococcus aureus*. Springer AMB Express. DOI : <https://doi.org/10.1186/s13568-022-01378-x>
- El-Gebaly, N. O., El-Bardissy, A. A.-A., Al Gawad, R. Y. A., & El-Samad, A. M. A. 2022. Post operative pain after vital pulpotomy of primary molars using allium sativum oil versus mineral trioxide aggregate: A randomized pilot clinical study. *International Journal of Health Sciences*, 6(S4), 1900–1922. <https://doi.org/10.53730/ijhs.v6nS4.6482>
- Elheeny, AAH. 2019. Allium sativum extract as an irrigant in pulpectomy of primary molars: A 12-month short-term evaluation. *Clinical and Experimental Dental Research* ;5:420–426.
- Eming, S.A., Thomas Krieg, Jeffrey M. Davidson. 2007. Inflammation in Wound Repair: Molecular and Cellular Mechanisms. *Journal of Investigative Dermatology*. Vol. 127, pp. 514-525.
- Enggardipta RA, Haniastuti T, Handajani J. 2016. Efek eugenol terhadap jumlah sel inflamasi pada pulpa gigi molar tikus *Sprague Dawley*. *Maj Kedokt Gigi Indonesia*:2(2):66.
- Fatimatuzzahro, N., Tetiana Haniastuti, Juni Handajani. 2013. Dental pulp inflammatory response of *Sprague Dawley* rats after etching application of 19% ethylene diamine tetraacetic acid and 37% phosphoric acid. *Dent. J.*, Volume 46, 4: 190–195

- Faghihi T, Haghighi R, Taghizade F, Zareiyan M, Mehran M, Ansari G. 2021. The clinical and radiographic evaluation of *Allium sativum* oil (garlic oil) in comparison with mineral trioxide aggregate in primary molar pulpotomy. *Dent Res J*;18:100.
- Farges, J.C., Licht, B.A., Renard, E., Ducret, M., Gaudin, A., Smitg, A.J., dan Cooper, P.R., 2015 Dental Pulp Defence and repair mechanisms in dental caries, *Mediat. Inflamm.*, 1-16
- Finlay, L.D.B. Andrew Conway Morris, Adam M Deane, Alexander JT Wood. 2021. Neutrophil kinetics and function after major trauma: A systematic review. *World J Crit Care Med*. September 9; 10(5): 260-277. DOI: 10.5492/wjccm.v10.i5.260
- Giuroiu, C.L., Irina-Draga Căruntu, Ludmila Lozneau, Anca Melian, Maria Vataman, and Sorin Andrian. Dental Pulp: Correspondences and Contradictions between Clinical and Histological Diagnosis. *Biomed Research International*. Vol.2015. doi: 10.1155/2015/960321
- Gomaa, G.R., Gehan G. Allam. 2020. Clinical and Radiographic Evaluation of the Extract of *Allium Sativum* in Pulpotomy of Primary Molars: A Randomized Clinical Trial. *International Journal of Dentistry and Oral Science (IJDOS)*;7(6):747-752. doi: <http://dx.doi.org/10.19070/2377-8075-20000147>
- Gosal L, Hutomo S, Sooi CM. 2021. Kemampuan ekstrak etanol bawang putih (*Allium sativum* L.) dalam menghambat perlekatan bakteri *Pseudomonas aeruginosa*. *J Med Health*; 3(1): 1-8
- Gupta, Sadna G, Aggarwal N. 2018. Lesion Sterilization and Tissue Repair—A Recent Novel Approach for the Treatment of Very Uncooperative Pediatric Patients. *AMEI's Curr Trends Diagnosis Treat*;2(1):50–3.
- Hargreaves, K.M., dan Berman, L.H., 2016, Cohen's Pathways of the pulp Eleventh Edition, Elsevier, Missouri, hal. 392
- Heeba GH, Magda EM, Amr AEH. 2014. Anti-Inflammatory Potential of Curcumin and Quercetin in Rats: Role of Oxidative Stress, Heme Oxygenase-1 and TNF- α . *Toxicol Ind Health*. *Sage Journal*; 2014 [cited 2018 June 4]; 30(6):551-560.
- Hernawan, U.E. dan Setyawan, A.D., 2003. Review : Senyawa Organosulfur Bawang putih (*Allium sativum* L.) dan Aktifitas Biologinya, *Biofarmasi*; 65-76.
- Hofbauer R, Frass M, Gmeiner B, Kaye AD, Frost EAM. 2001. Effects of Garlic Extract (*Allium Sativum*) on Neutrophil Migration at the Cellular Level. *Hear Dis*;3(1):14–7.
- Jalan, A. L., Warhadpande, M. M. dan Dakshindas, D.M. 2017. A Comparison of Human Dental Pulp Response to Calcium Hydroxide and Biodentine as Direct Pulp-Capping Agents. *Journal of Conservative Dentistry*, 20(2), 129-133.

- Jeong-hyon, K., Bon-hyuk, G., Sang-soo, N., & Yeon-cheol, P. (2020). A review of rat models of periodontitis treated with natural extracts. *Journal of Traditional Chinese Medical Sciences*, 7(2020): 95-103. <https://doi.org/10.1016/j.jtcms.2020.05.005>
- Jiang, X.W.; Zhang, Y.; Song, G.D.; Li, F.F.; Peng, H.Y.; Yang, S.K.; Sun, G.L. Clinical evaluation of allicin oral adhesive tablets in the treatment of recurrent aphthous ulceration. *Oral Surg. Oral Med. Oral Pathol. Oral Radiol.* 2012, 113, 500–504.
- Kahvand M, Mehran M, Haghgoo R, Faghihi T. 2019. Clinical and radiographic evaluation of *Allium sativum* oil (garlic oil) in comparison with formocresol in primary molar pulpotomy. *J Int Soc Prevent Communit Dent*;9:390-5.
- Karobari M, Adil AH, Assiry AA, Basheer SN, Noorani TY, Pawar AM, et al. 2022. Herbal Medications in Endodontics and Its Application—A Review of Literature. *Materials (Basel)*;15(9):1–14.
- Kartinawanti, A. T. and Khoiruzza Asy'ari, A. 2021. Penyakit Pulpa dan Perawatan Saluran Akar Satu Kali Kunjungan: Literature Review, *Jurnal Ilmu Kedokteran Gigi*, 4(2), pp. 64–72.
- Kayalvizhi 1, Subramaniyan B, Suganya G. Topical application of antibiotics in primary teeth: an overview. *J Dent Child (Chic)*. 2013;80(2):71-9.
- Kirschnek, S., Ying, S., Fischer, S.F., Hacker, H., Villunger, A., Hochrein, H., Hacker, G., 2016, Phagocytosis-Induced Apoptosis in Macrophages Is Mediated by Up-Regulation and Activation of the Bcl-2 Homology Domain 3-Only Protein Bim, *J. Immunol*, 174: 671-679
- Kshirsagar, M.M.; Dodamani, A.S.; Karibasappa, G.N.; Vishwakarma, P.K.; Vathar, J.B.; Sonawane, K.R.; Khobragade, V.R. Antibacterial activity of garlic extract on cariogenic bacteria: An *in vitro* study. *Ayu* 2018, 39, 165–172.
- Kumar, V., Abbas, A.K., Fausto, N., dan Mitchell, R.N., 2022. Robbins Basic Pathology. 11th ed. Saunders. Philadelphia. 30-79.
- Kumar, P.K., Alyce J. Nicholls, Connie H. Y. Wong. 2018. Partners in crime: neutrophils and monocytes/macrophages in inflammation and disease. *Cell and Tissue Research*: 371:551–565. <https://doi.org/10.1007/s00441-017-2753-2>.
- Kumar, M.; Prakash, S.; Kumari, N.; Pundir, A.; Punia, S.; Saurabh, V.; Choudhary, P.; Changan, S.; Dhumal, S.; Pradhan, P.C. 2021. Beneficial role of antioxidant secondary metabolites from medicinal plants in maintaining oral health. *Antioxidants*, 10, 1061.
- Li-Guoliang, Xudong Ma, Lisha Deng, Xixi Zhao, Yue Jiao Wei, Zhongyang Gao, Jing Jia, Jiru Xu, Chaofeng 2015. Fresh Garlic Extract Enhances the Antimicrobial

- Activities of Antibiotics on Resistant Strains *in Vitro*. *Mikrobiol Jundishapur J.*;8(5):e14814. Doi: 10.5812/jjm.14814.
- Li, M., J. Tian, Z. Xu, Q. Zeng, W. Chen, S. Lei, X. Wei. 2021. Histology-based profile of inflammatory mediators in experimentally induced pulpitis in a rat model: screening for possible biomarkers. *International Endodontic Journal*, pp. 1328-1341. doi:10.1111/iej.13514
- Magrys, A., Alina O., Dorota Tchorzewska. 2021. Antibacterial properties of *Allium sativum* L. against the most emerging multidrug-resistant bacteria and its synergy with antibiotics. *Arch Microbiol.*; 203(5): 2257–2268. doi: 10.1007/s00203-021-02248-z
- Mahfouz, S.M.; Omnya M. Wahba. 2019. Comparative Evaluation of Pulpal Response to Tri-antibiotic Paste and *Allium Sativum* with Formacresol as Pulpotomy Medication in Primary Teeth: An *in vivo* Study. *Egypt. Dent. J.* 2019, 65, 3131–3142
- Maria, S., Kamath, V.V., Komali, dan Krisnanad, R. 2015. Sprague-Dawley Rats are a sustainable and reproducible animal model for induction and study of oral submucous fibrosis. *J Orofac Sci.* 7(1): 11-18
- McCance, K. L. Huether, S.E. Brasher, V.L. dan Rore, N.S. 2014. Pathophysiology : The Biologic Basis for Disease in Adults and Children. Ed.7. Mosby Elsevier Canada. Hal. 205-212.
- Meilawaty, Z. 2013. Efek Ekstrak Daun Singkong (*Manihot Utilissima*) Terhadap Ekspresi COX-2 pada Monosit yang Dipapar LPS *E. coli*. *Dental Journal* Volume 46 No 4, 196-201
- Meshri, S.M.; Zaki, A.M.; Raslan, H.S.; Shams El-Din, M.A. Chemopreventive effect of topical application of *S-allylcysteine* in the management of oral dysplastic potentially malignant disorders. *Alex. Dent. J.* 2017, 42, 33–39.
- Moazami, F., Hossein Mirhadi, Atefeh Hoseini, Safoora Sahebi, Mahmoud Torabinejad. 2020. Histological Evaluation of Periapical Tissues after Root Canal Treatment with or without Coronal Seal in Dogs for Six Months. *Iran Endodontics Journal.* 15(4):211-216. doi: 10.22037/iej.v15i4.26811.
- Mohammad S, Baroudi K. 2015. Assessment of the potential of *Allium sativum* oil as a new medicament for non-vital pulpotomy of primary teeth. *J Int Soc Prev Community Dent.*;5(4):314.
- Mohammad S.G., Raheel SA., Baroudi K. 2015. Histological Evaluation of *Allium sativum* Oil as a New Medicament for Pulp Treatment of Permanent Teeth. *J Contemp Dent Pract.*;16(2):85–90.

- Montgomery, D.C. 2011. Design and Analysis of Experiments 7th edition. New York : Jhon Wiley & Sons.
- Moutia, Habti and Badou, 2018. In Vitro and In Vivo Immunomodulator Activities of *Allium sativum* L. : Review Article. *Evidence-Based Complementary and Alternative Medicine*, doi.org/10.1155/2018/4984659
- Murray, P.J., Wynn, T.A., 2012. Protective and Pathogenic Function of Macrophage Subsets, *Nat. Rev. Immunol.*, 11: 723-737
- Nair, P.K.; Dyasanoor, S. Clinical efficacy of allicin—A novel alternative therapeutic agent in the management of minor recurrent aphthous stomatitis. *J. Adv. Clin. Res. Insights* 2015, 2, 231–236.
- Nugroho, R., Ananta Tantri, Sri Kunarti. 2015. The application of lesion sterilization and tissue repair 3MixMP for treating rat's dental pulp tissue. *Dental Journal*. 48(1): 12–15.
- Ning T, Shao J, Zhang X et al. 2020. Aging affects the proliferation and mineralization of rat dental pulp stem cells under inflammatory conditions. *International Endodontic Journal* 53, 72–83.
- Oyhanart, Sharon R., Mariela C. Canzobre. 2020. Methodological considerations for a model of endodontic treatment in Wistar rats. *Acta Odontol. Latinoam*. Vol. 33. No. 3: 153-164.
- Pandey, S., Rihit Shekhar, Rohit Paul, Manoj Hans, Amit Garg. 2018. A Comparative Evaluation and Effectiveness of Different Antimicrobial Herbal Extracts as Endodontic Irrigants Againsts *Enterococcus Faecalis* and *Candida Albicans*- an In Vitro Study. *J Dent Science*. Vol. 4, Issue 2.
- Parenti A, Indorato B, Paccosi S. 2017. Minocycline affects human neutrophil respiratory burst and transendothelial migration. *Inflamm Res*. 66(2):107–9.
- Pereira MSS, Cardoso CR, Da Silva JS, Bezerra Da Silva LA, Kuga MC, Faria G. 2014. Cellular and molecular tissue response to triple antibiotic intracanal dressing. *J Endod.*;40(4):499–504.
- Poernomo, H., Ma'ruf, MT. 2022. The Effect of Garlic Extract Gel (*Allium sativum* L.) to Macrophage Cell Number of Guinea Pig (*Cavia porcellus*) Gingival Incision Wound Healing. Interdental: *Jurnal Kedokteran Gigi*, 16(2), 36-44
- Praba SK, Kumaresan R. 2014. Efficacy of antimicrobial activity of aqueous garlic (*Allium 189 sativum*) extract against different bacterial species. *J. Chem. Pharm. Res.*; 190 6(10):677-679.

- Prabhakaran, P.; Mariswamy, A.B. A scanning electron microscope evaluation of efficacy of sodium hypochlorite and *Allium sativum* in smear layer removal in root canals with the use of modified evacuation system: An ex vivo study. *J. Conserv. Dent.* 2018, 21, 401–407.
- Pradhan S, Madke B, Kabra P, Singh A. 2016. Anti-inflammatory and immunomodulatory effects of antibiotics and their use in dermatology. *Indian J Dermatol.* 61(5):469–81.
- Pramiastuti, O., Desi Sri Rejeki, Venny Febriani. 2021. Formulasi Gel Ekstrak Bawang Putih (*Allium sativum* L.) dengan Kombinasi Basis Carbopol dan Na-CMC. *Jurnal Ilmiah Farmasi.* Vol 10 No.2. pg. 33-40. DOI <http://dx.doi.org/10.30591/pjif.v10i2.2471>
- Reddy RT, Kumar VKVP, Prakash S. 2018. Evaluation of Garlic Extract Gel as Local Drug Delivery in the Treatment of Chronic Periodontitis: A Clinical Study. *CODS J Dent.*;10(1):1–6.
- Rouf, R.; Uddin, S.J.; Sarker, D.K.; Islam, M.T.; Ali, E.S.; Shilpi, J.A.; Sarker, S.D. Anti-viral potential of garlic (*Allium sativum*) and its organosulfur compounds: A systematic update of pre-clinical and clinical data. *Trends Food Sci. Technol.* 2020, 104, 219–234
- Ricciotti, E., dan Fitzgerald, G. 2012. Prostaglandin and Inflammation. *Arterioscler., Thromb., Vasc. Biol.*, 31(5): 986-1000
- Riset Kesehatan Dasar (Riskesdas). 2013. Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan RI, Jakarta.
- Sagar, H.; Jha, K.K.; Sharma, S.; Kumar, A. Therapeutic Study of Garlic Gel Formulation for Tongue Ulcer Healing. *J. Adv. Pharmacogn.* 2020, 1, 9–29.
- Sain S, J R, S A, George S, Issac JS, John SA. 2018. Lesion Sterilization and Tissue Repair–Current Concepts and Practices. *Int J Clin Pediatr Dent.*;11(5):446–50.
- Salih, J. M., Monawer, A. T., Abdulkahar, I. M. 2016. Anti- bacterial Activity of Garlic Against Multi-Drug Resistant *Staphylococcus Aureus* and *Enterococcus faecalis* In Duhok City. *J. Univer. Duhok* Vol. 19(1). Pp. 114–122.
- Sasi M, Kumar S, Kumar M, Thapa S, Prajapati U, Tak Y, et al. 2021. Garlic (*Allium sativum* L.) bioactives and its role in alleviating oral pathologies. *Antioxidants.*;10(11). <https://doi.org/10.3390/antiox10111847>
- Satenahalli SB, Vardhana BS, Surana P, Gopal R, Ranjan AP, et al. Lesion Sterilization and Tissue Repair (LSTR): A Review. *Eur J Mol Clin Med*, 2020;7:7909-7914

- Shechter, R., Miller, O., Yovel, G., Rosenzweig, N., London, A., Ruckh, J., Kim, K.W., Klein, E., Kalchenko, V., Bendel, P., Lira, S.A., Jung, S., dan Schwartz, M., 2013. Recruitment of Beneficial M2 Macrophages to Injured Spinal Cord is Orchestrated by Remote Brain Choroid Plexus., *J. Immuni.*, 38: 555-569.
- Shooriabi M. 2021. Effects of *Allium sativum* (Garlic) and Its Derivatives on Oral Diseases: A Narrative Review. *J Res Dent Maxillofac Sci.*;6(1):36–44. Available from: <http://jrdms.dentaliau.ac.ir/article-1-295-fa.html>.
- Shreya S, Kanthaswamy C. 2017. Lesion sterilization and tissue repair - a review. *Res J Pharm Technol.*;10(5):1–4.
- Siddique, R., Manish R., Jerry J., Ankita S., Rajamohan R., Ajith K. 2020. Clinical Quantitative Antibacterial Potency of Garlic-Lemon Against Sodium Hypochlorite in Infected Root Canals: A Double-blinded, Randomized, Controlled Clinical Trial. *J Int Soc Prevent Communit Dent*;10:771-8.
- Sun, Lizhong; Libang He; Wei Wu; Li Luo; Mingyue Han; Yifang Liu; Shijie Shi; Kaijing Zhong; Jiaojiao Yang; Jiyao Li. 2021. Fibroblast membrane-camouflaged nanoparticles for inflammation treatment in the early stage. *International Journal of Oral Science* : 13:39. <https://doi.org/10.1038/s41368-021-00144-2>
- Trairatvorakul C, Detsomboonrat P. 2012. Success rates of a mixture of ciprofloxacin, metronidazole, and minocycline antibiotics used in the non-instrumentation endodontic treatment of mandibular primary molars with carious pulpal involvement. *Int J Paediatr Dent.*;22(3):217–27.
- Upa, G., Ali, A., Arimaswati, Purnamasari, Y. 2017. Uji Aktivitas Antibakteri Ekstrak Etanol Bawang Putih (*Allium sativum*) terhadap Pertumbuhan Bakteri *Salmonella typhi* dan *Shigella dysenteriae*. *MEDULA: Jurnal Ilmiah Fakultas Kedokteran Halu Uleo* Vol. 4(2). Pp. 354-360
- Widjaya AD, Amin MF, Aryadi, Roeslan BO. 2021. The Effect of Garlic Extract (*Allium sativum* L.) (Amaryllidaceae) to Eradicate the *Porphyromonas endodontalis* Biofilm: An In-vitro Research. *Scientific Dental Journal*; 5:138-43. DOI: 10.4103/SDJ.SDJ_79_21.
- Xie, Y., Yang, W., Tang, F., Chen, X., Ren, L. 2015. Antibacterial Activities of *Flavonoids*: Structure-Activity Relationship and Antibacterial Activities of *Flavonoids*: Structure Activity Relationship and Mechanism. *Current Medical Chemistry* Vol. 22(1). Pp. 132-149.
- Xu, Qichao, Wenqi Zhao, Mingyang Yan, Hongxia Me. 2022. Neutrophil Reverse Migration. *Journal of Inflammation*. [Doi.org/10.1186/s12950-022-00320-z](https://doi.org/10.1186/s12950-022-00320-z).
- Zini, A.; Mann, J.; Mazor, S.; Vered, Y. The Efficacy of Aged Garlic Extract on Gingivitis—A Randomized Clinical Trial. *J. Clin. Dent.* 2018, 29, 52–56.