

## DAFTAR PUSTAKA

1. Delvika Y, Mustafa K. Penyuluhan Pengaruh Makanan Instan Terhadap Pola Makan dan Kesehatan Remaja di Desa Manunggal. *J PRODIKMAS Has Pengabdian Kpd Masyarakat*. 2018;2(1).
2. Widyaningsih T, Wijayanti N, Nugrahini N. Pangan Fungsional: Aspek Kesehatan, Evaluasi, dan Regulasi. Malang: UB Press; 2017. 2–5 p.
3. Meybodi NM, Mortazavian AM, Arab M, Nematollahi A. Probiotic viability in yoghurt: a review of influential factors. *Int Dairy J* [Internet]. 2020;104793. Available from: <https://doi.org/10.1016/j.idairyj.2020.104793>
4. Sarkar S. Potentiality of probiotic yoghurt as a functional food – a review. 2018;
5. Krisnawati A. Kedelai sebagai sumber pangan fungsional soybean as source of functional food. *Iptek Tanam Pangan*. 2017;12(1):57–65.
6. Kusumayanti H, Hanindito SB, Mahendrajaya RT. Pangan fungsional dari tanaman lokal Indonesia. *Metana*. 2016;12(1):26–30.
7. Freitas M. The Benefits of Yogurt, Cultures, and Fermentation. In: Floch M, Ringel Y, Waler W, editors. *The Microbiota in Gastrointestinal Pathophysiology: Implication for Human Health, Prebiotics, Probiotics, and Dysbiosis*. Massachusetts: Academic Press; 2017. p. 209–23.
8. Sarkar S. Potentiality of probiotic yoghurt as a functional food – a review. *Nutr Food Sci* [Internet]. 2019 Jan 1;49(2):182–202. Available from: <https://doi.org/10.1108/NFS-05-2018-0139>
9. Fernandez MA, Marette A. Potential health benefits of combining yogurt and fruits based on their probiotic and prebiotic properties. *Adv Nutr*. 2017;8(1):155S-164S.
10. Daniella D, Arifin Y. Goji Berry: Fakta Manfaat dan Efek Samping. *Cermin Dunia Kedokt*. 2016;43(10):787–90.
11. Jeszka-Skowron M, Zgoła-Grześkowiak A, Stanis E, Waśkiewicz A. Potential health benefits and quality of dried fruits: Goji fruits, cranberries

- and raisins. *Food Chem.* 2017;221:228–36.
12. ITIS-Report. *Lycium Barbarum L.* [Internet]. Integrated Taxonomic Report. Available from:  
[https://www.itis.gov/servlet/SingleRpt/SingleRpt?search\\_topic=TSN&search\\_value=503599&source=from\\_print#null](https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=503599&source=from_print#null)
  13. Sun W, Shahrajabian MH, Cheng Q. Therapeutic Roles of Goji Berry and Ginseng in Traditional Chinese. *J Nutr Food Secur.* 2019;4(4):293–305.
  14. Gao Y, Wei Y, Wang Y, Gao F, Chen Z. *Lycium Barbarum*: A Traditional Chinese Herb and A Promising Anti-Aging Agent. *Aging Dis* [Internet]. 2017 Dec 1;8(6):778–91. Available from:  
<https://pubmed.ncbi.nlm.nih.gov/29344416>
  15. Zeng P, Li J, Chen Y, Zhang L. The structures and biological functions of polysaccharides from traditional Chinese herbs. *Prog Mol Biol Transl Sci* [Internet]. 2019/03/25. 2019;163:423–44. Available from:  
<https://pubmed.ncbi.nlm.nih.gov/31030757>
  16. Kulczyński B, Gramza-Michałowska A. Goji Berry (*Lycium barbarum*): Composition and Health Effects - A Review. *Polish J Food Nutr Sci.* 2016;66(2):67–75.
  17. Shahrajabian MH, Sun W, Cheng Q. a Short Review of Goji Berry, Ginger, Ginseng and Astragalus in Traditional Chinese and Asian Medicine. *Black Sea J Heal Sci* [Internet]. 2020;3(2):36–45. Available from:  
<https://orcid.org/0000-0002-8638-1312>
  18. Ma ZF, Zhang H, Teh SS, Wang CW, Zhang Y, Hayford F, et al. Goji Berries as a Potential Natural Antioxidant Medicine: An Insight into Their Molecular Mechanisms of Action. *Oxid Med Cell Longev* [Internet]. 2019 Jan 9;2019:2437397. Available from:  
<https://pubmed.ncbi.nlm.nih.gov/30728882>
  19. Tian X, Liang T, Liu Y, Ding G, Zhang F, Ma Z. Extraction, Structural Characterization, and Biological Functions of *Lycium Barbarum* Polysaccharides: A Review. *Biomolecules* [Internet]. 2019 Aug 21;9(9):389. Available from: <https://pubmed.ncbi.nlm.nih.gov/31438522>
  20. Islam T, Yu X, Badwal TS, Xu B. Comparative studies on phenolic

- profiles, antioxidant capacities and carotenoid contents of red goji berry (*Lycium barbarum*) and black goji berry (*Lycium ruthenicum*). *Chem Cent J*. 2017;11(1).
21. Kwok SS, Bu Y, Lo AC-Y, Chan TC-Y, So KF, Lai JS-M, et al. A Systematic Review of Potential Therapeutic Use of *Lycium Barbarum* Polysaccharides in Disease. *Biomed Res Int* [Internet]. 2019 Feb 12;2019:4615745. Available from: <https://pubmed.ncbi.nlm.nih.gov/30891458>
  22. Kocyigit E, Sanlier N. A Review of Composition and Health Effects of *Lycium barbarum*. [Http://WwwSciencepublishinggroupCom](http://WwwSciencepublishinggroupCom) [Internet]. 2017;1(1):1. Available from: <https://article.sciencepublishinggroup.com/html/10.11648/j.ijcm.20170101.11.html%0Ahttp://www.sciencepublishinggroup.com/journal/paperinfo?journalid=283&doi=10.11648/j.ijcm.20170101.11>
  23. Ji H, Ma J, Guo L, Huang Y, Wang W, Sun X, et al. Amino acid sequence identification of goji berry cyclic peptides and anticervical carcinoma activity detection. *J Pept Sci*. 2021;27(8).
  24. Shah T, Bule M, Niaz K. Goji Berry (*Lycium barbarum*)- A Superfood [Internet]. *Nonvitamin and Nonmineral Nutritional Supplements*. Elsevier Inc.; 2018. 257–264 p. Available from: <https://doi.org/10.1016/B978-0-12-812491-8.00037-0>
  25. Masci A, Carradori S, Casadei MA, Paolicelli P, Petralito S, Ragno R, et al. *Lycium barbarum* polysaccharides: Extraction, purification, structural characterisation and evidence about hypoglycaemic and hypolipidaemic effects. A review. *Food Chem* [Internet]. 2018;254:377–89. Available from: <https://doi.org/10.1016/j.foodchem.2018.01.176>
  26. Zhao R, Gao X, Zhang T, Li X. Effects of *Lycium barbarum* polysaccharide on type 2 diabetes mellitus rats by regulating biological rhythms. *Iran J Basic Med Sci* [Internet]. 2016 Sep;19(9):1024–30. Available from: <https://pubmed.ncbi.nlm.nih.gov/27803791>
  27. Jiao R, Liu Y, Gao H, Xiao J, So KF, Products N, et al. The Anti-Oxidant and Antitumor Properties of Plant Polysaccharides. 2016;44(3):1–26.

28. Xiao Z, Deng Q, Zhou W, Zhang Y. Pharmacology & Therapeutics Immune activities of polysaccharides isolated from *Lycium barbarum* L . What do we know so far ? *Pharmacol Ther* [Internet]. 2021;(xxxx):107921. Available from: <https://doi.org/10.1016/j.pharmthera.2021.107921>
29. Chien K-J, Horng C-T, Huang Y-S, Hsieh Y-H, Wang C-J, Yang J-S, et al. Effects of *Lycium barbarum* (goji berry) on dry eye disease in rats. *Mol Med Rep* [Internet]. 2017/11/03. 2018 Jan;17(1):809–18. Available from: <https://pubmed.ncbi.nlm.nih.gov/29115477>
30. Nocianitri I Dewa Gde Mayun; Kartika, Dina Puti KAP. PENGARUH PENAMBAHAN SARI BUAH SIRSAK (*Annona muricata* L.) TERHADAP KARAKTERISTIK YOGURT EDAMAME (*Glycine max* L.). *J Ilmu dan Teknol Pangan* [Internet]. 2019;(Vol 8 No 4 (2019): Jurnal ITEPA):378–89. Available from: <https://ojs.unud.ac.id/index.php/itepa/article/view/55863/33021>
31. Utami MMD, Pantaya D, Subagja H, Ningsih N, Dewi AC. Teknologi pengolahan yoghurt sebagai diversifikasi produk susu kambing pada kelompok ternak Desa Wonoasri Kecamatan Tempurejo Kabupaten Jember. *PRIMA J Community Empower Serv*. 2020;4(1):30.
32. Sumarmono J. Proses Pembuatan Yogurt. In: *YOGURT & CONCENTRATED YOGURT Makanan Fungsional Dari Susu*. Purwokerto: Lembaga Penelitian dan Pengabdian Kepada Masyarakat Universitas Jendral Soedirman; 2016. p. 15–22.
33. Koswara S. Yoghurt. In: *Tekno Pangan dan Agroindustri*. 1st ed. Bogor: Institut Pertanian Bogor; p. 60–3.
34. Surono IS. Probiotik, Mikrobiome, dan Pangan Fungsional. I. Yogyakarta: Penerbit Deepublish; 2016. 5–8, 58, 89 p.
35. Badan Standardisasi Nasional. *Yogurt SNI 2981:2009*. Badan Standardisasi Nasional; 2009.
36. Sumalapao DEP, Mesina JART, Cabrera EC, Gloriani NG. Viability kinetics of *Lactobacillus casei* Shirota strain in a commercial fermented milk drink during refrigerated storage. *Natl J Physiol Pharm Pharmacol*. 2017;7(11):1242–6.

37. Freitas M. The Benefits of Yogurt , Cultures , and Fermentation [Internet]. The Microbiota in Gastrointestinal Pathophysiology. Elsevier Inc.; 2003. 0 p. Available from: <http://dx.doi.org/10.1016/B978-0-12-804024-9/00024-0>
38. Hendarto DR, Handayani AP, Esterelita E, Handoko YA. Mekanisme Biokimiawi dan Optimalisasi *Lactobacillus bulgaricus* dan *Streptococcus thermophilus* dalam Pengolahan Yoghurt yang Berkualitas. *J Sains Dasar*. 2019;8(1):13–9.
39. Jones RM. The use of *Lactobacillus casei* and *Lactobacillus paracasei* in clinical trials for the improvement of human health. In: The microbiota in gastrointestinal pathophysiology. Elsevier; 2017. p. 99–108.
40. Huang C-H, Li S-W, Huang L, Watanabe K. Identification and classification for the *Lactobacillus casei* group. *Front Microbiol*. 2018;9:1974.
41. Kato-Kataoka A, Nishida K, Takada M, Kawai M, Kikuchi-Hayakawa H, Suda K, et al. Fermented milk containing *Lactobacillus casei* strain Shirota preserves the diversity of the gut microbiota and relieves abdominal dysfunction in healthy medical students exposed to academic stress. *Appl Environ Microbiol*. 2016;82(12):3649–58.
42. Jones RM. The Use of *Lactobacillus casei* and *Lactobacillus paracasei* in Clinical Trials for the Improvement of Human Health [Internet]. The Microbiota in Gastrointestinal Pathophysiology. Elsevier Inc.; 2017. 0 p. Available from: <http://dx.doi.org/10.1016/B978-0-12-804024-9/00009-4>
43. Rohma AN, Mahdi C, others. Therapy of *Lactobacillus casei* Shirota strain Fermented Milk to Rats with High-Cholesterol Diet toward Cholesterol Levels and SOD Activity. *J Pure Appl Chem Res*. 2017;6(2):160.
44. Sarah QS, Anny FC, Misbahuddin M. Brine shrimp lethality assay. *Bangladesh J Pharmacol*. 2017;12(2):5.
45. Arel A, Wardi ES, Oktaviani Y. Profil Metabolit Sekunder Ekstrak Daun Berenuk (*Crescentia Cujete L.*) Dan Uji Sitotoksik Dengan Metode Brine Shrimp Lethality Test. *J Katalisator*. 2018;3(2):82–8.
46. Setiarto R, Widhyastuti N, Octavia N, Himawan H. Produksi Sari Pepaya (*Carica papaya*) fermentasi sebagai minuman probiotik

- antihiperkolesterolemia. *J Litbang Ind.* 2018;28(1):23–30.
47. Zulfiah Z, Megawati M, Herman H, Lau SHA, Hasyim MF, Murniati M, et al. Uji Toksisitas Ekstrak Rimpang Temu Hitam (*Curcuma aeruginosa* Roxb.) Terhadap Larva Udang (*Artemia salina* Leach) dengan Metode Brine Shrimp Lethality Test (BSLT). *J Farm Sandi Karsa.* 2020;6(1):44–9.
  48. Wijayanti NS, Lukitasari M. Analisis pengawetan makanan dan uji organoleptik ikan asin yang beredar di pasar besar madiun. *J Florea Vol.* 2016;3(1):59–64.
  49. Hasniar dkk. ANALISIS KANDUNGAN GIZI DAN UJI ORGANOLEPTIK PADA BAKSO TEMPE DENGAN PENAMBAHAN DAUN KELOR (*Moringa oleifera*). *J Pendidik Teknol Pertan.* 2019;5:197.
  50. Lamusu D. UJI ORGANOLEPTIK JALANGKOTE UBI JALAR UNGU (*Ipomoea batatas* L) SEBAGAI UPAYA DIVERSIFIKASI PANGAN ORGANOLEPTIC TEST JALANGKOTE UBI JALAR PURPLE (*Ipomoea batatas* L) AS FOOD DIVERSIFICATION EFFORT. 2007;3(1):9–15.
  51. Nurlaila S, Agustini DM, Purdiyanto J. Uji organoleptik terhadap berbagai bahan dasar nugget. *Maduranch.* 2017;2(2):67–72.
  52. Iswendi I, Yusmaita E, Pangestuti AD. Uji Organoleptik Sari Jagung Di Laboratorium Kimia Fmipa Unp. *Suluh Bendang J Ilm Pengabd Kpd Masy.* 2019;19(3):108.
  53. Shafitri N, Puspareni LD, Nasrulloh N, others. Pengaruh Penambahan Bekatul Terhadap Kadar Serat, Aktivitas Antioksidan dan Sifat Organoleptik Minuman Kedelai. *Ghidza J Gizi dan Kesehat.* 2021;5(1):107–19.
  54. Permadi MR, Huda Oktafa, Khafidurrohman Agustianto. Perancangan Pengujian Preference Test, Uji Hedonik Dan Mutu Hedonik Menggunakan Algoritma Radial Basis Function Network. *SINTECH (Science Inf Technol J.* 2019;2(2):98–107.
  55. Vidović BB, Milinčić DD, Marčetić MD, Djuriš JD, Ilić TD, Kostić A, et al. Health Benefits and Applications of Goji Berries in Functional Food Products Development: A Review. *Antioxidants.* 2022;11(2).

56. Taneva I, Valev T. YOGHURT WITH GOJI BERRY FRUITS (LICIUM BARBARUM L.). *Appl Res Tech Technol Educ*. 2019;7(2):131–7.
57. Naseh S. Contoh Penggunaan “Anova” Satu Arah dalam Bidang Kesehatan. *Media Penelit dan Pengemb Kesehat*. 1995;5(04).
58. Meyer BN, Ferrigni NR, Putnam JE, Jacobsen LB, Nichols DE, McLaughlin JL. Brine shrimp: A convenient general bioassay for active plant constituents. *Planta Med*. 1982;45(1):31–4.
59. Alfarabi M, Widyadhari G. UJI TOKSISITAS DAN IDENTIFIKASI FITOKIMIA EKSTRAK BUAH DAN BATANG RIMBANG (*Solanum torvum Swartz*). *Al-Kauniyah J Biol*. 2018;11(2):109–15.
60. Zhu W, Zhou S, Liu J, Mclean RJC, Chu W. Biomedicine & Pharmacotherapy Prebiotic , immuno-stimulating and gut microbiota-modulating effects of *Lycium barbarum polysaccharide*. *Biomed Pharmacother* [Internet]. 2020;121(September 2019):109591. Available from: <https://doi.org/10.1016/j.biopha.2019.109591>
61. Mustafa SM, Chua LS, El-Enshasy HA, Abd Majid FA, Hanapi SZ, Abdul Malik R. Effect of temperature and pH on the probiotication of *Punica granatum* juice using *Lactobacillus* species. *J Food Biochem*. 2019;43(4):1–10.
62. Raza'i T, Wulandari R, irwansyah. Isolasi dan Identifikasi Bakteri Asam Laktat pada Saluran Pencernaan Ikan Bawal Bintang (*Trachinotus blochii*). 2018 Oct 28;2:25–32.
63. Taneva I, Zlatev Z. Total phenolic content and antioxidant activity of Yoghurt with Goji Berries (*Lycium barbarum*). *Sci Study Res Chem Chem Eng Biotechnol Food Ind*. 2020;21(1):125–31.