

## 7. DAFTAR PUSTAKA

- Almeida, P., Goncalves C., Teixeira S. *et al.* (2014). *A Gondwanan imprint on global diversity and domestication of wine and cider yeast Saccharomyces uvarum*. <https://doi.org/10.1038/ncomms5044>
- Anonim. (1997). *Final Risk Assessment For Saccharomyces uvarum*. <https://www.epa.gov/sites/default/files/2015-09/documents/fra010.pdf>
- Ariyanto, Hermawan D. Furqon H., dan Joko M. (2013). Pengaruh Penambahan Gula Terhadap Produktivitas Alkohol Dalam Pembuatan Wine Berbahan Apel Buang (*Reject*) Dengan Menggunakan Nopkor MZ.11. *Jurnal Teknologi Kimia dan Industri* Vol. 2 No.4. <https://docplayer.info/37509248-Pengaruh-penambahan-gula-terhadap-produktivitas-alkohol-dalam-pembuatan-wine-berbahan-apel-buang-reject-dengan-menggunakan-nopkor-mz.html>
- Arranz, Sara, Gemma Chiva-Blanch, Palmira Valderas *et al.* (2012). *Wine, Beer, Alcohol and Polyphenols on Cardiovascular Disease and Cancer*. *Nutrients*. Vol 4. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3407993/>
- Badan Standarisasi Nasional (2004). Air dan Air Limbah-Bagian 3 :Cara Uji Padatan Tersuspensi Total (*Total Suspended Solid, TSS*) secara gravimetri. SNI 06-6989.3-2004. [https://www.academia.edu/7013819/SNI\\_06\\_6989\\_3\\_2004\\_TSS\\_Gravimetri](https://www.academia.edu/7013819/SNI_06_6989_3_2004_TSS_Gravimetri)
- Badan Standarisasi Nasional. (1996). Anggur. SNI 01-4018-1996. <https://dokumen.tips/documents/sni-01-4018-1996-anggur-wine.html>
- Badan Standarisasi Nasional. (2013). Anggur buah. SNI 4019-2013. <https://dokumen.tips/documents/standar-nasional-indonesia-sni-40192013-ics-6716010-badan-standardisasi.html?page=6>
- Baliyan, Siddhartha, Mukherjee, Riya, Priyadarshini, Anjali *et al.* (2022). *Determination of Antioxidants by DPPH Radical Scavenging Activity and Quantitative Phytochemical Analysis of Ficus religiosa*. *Molecules* Vol 27. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8878429/>
- Buxaderas S, & López-Tamames E (2012). *Sparkling wines: features and trends from tradition*. *Adv Food Nutr Res*. <https://pubmed.ncbi.nlm.nih.gov/22909977/>
- Capece, Angela, Rocchina Pietrafesa, Gabriella Siesto, *et al* (2020). *Biotechnological Approach Based on Selected Saccharomyces cerevisiae Starters for Reducing the Use of Sulfur Dioxide in Wine*. *Microorganisms*. 8. 738. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7285243/>
- Crespo Merino, Raul & Cárcel, Luis & Pérez, MA & Nevares, Ignacio & Alamo-Sanza, Maria. (2010). Suitable at-line turbidity sensor for wine fermentation supervision.

1-4.[https://www.researchgate.net/publication/256503263\\_Suitable\\_at-line\\_turbidity\\_sensor\\_for\\_wine\\_fermentation\\_supervision](https://www.researchgate.net/publication/256503263_Suitable_at-line_turbidity_sensor_for_wine_fermentation_supervision)

- Diakabana, P., Mvoula-Tsiéri, M., Dhellot, J., Kobawila, S. C., dan Louembé, D. (2013). *Physico - Chemical Characterization of Brew During the Brewing Corn Malt in the Production of Maize Beer in Congo*. *Advance Journal of Food Science and Technology*. Vol 5(6). <https://maxwellsci.com/msproof.php?doi=ajfst.5.3147>
- Echave, Javier & Barral Martínez, Marta & Corral, María & Prieto, Miguel & Simal-Gandara, Jesus. (2021). Bottle Aging and Storage of Wines: A Review. *Molecules*. 26. 713.10.3390/molecules26030713. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7866556/>
- Elhachem, Marie, Philippe Cayot, Maher Abboud *et al* (2021). *The Importance of Developing Electrochemical Sensors Based on Molecularly Imprinted Polymers for a Rapid Detection of Antioxidants*. *Antioxidants*. Vol 10. [https://www.researchgate.net/publication/349912303\\_The\\_Importance\\_of\\_Developing\\_Electrochemical\\_Sensors\\_Based\\_on\\_Molecularly\\_Imprinted\\_Polymers\\_for\\_a\\_Rapid\\_Detection\\_of\\_Antioxidants](https://www.researchgate.net/publication/349912303_The_Importance_of_Developing_Electrochemical_Sensors_Based_on_Molecularly_Imprinted_Polymers_for_a_Rapid_Detection_of_Antioxidants)
- Gonzalez C Munoz, Maria Perez Jimenez , Celia Criado *et al*. (2019). *Effects of Ethanol Concentration on Oral Aroma Release After Wine Consumption*. *Molecules*.. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6766967/>
- Graham, H. Fleet (2008). *Wine yeasts for the future*. *FEMS Yeast Research*, Vol 8, Issue 7. <https://academic.oup.com/femsyr/article/8/7/979/494417>
- Gumansalangi, Frysye dan Gregoria Djarkasi (2019). Aktivitas Antioksidan, Sifat Fisik Dan Sensoris Marshmallow Melon (*Cucumis melo L.*) Dengan Penambahan Ekstrak Bit Merah (*Beta vulgaris L. var. Conditiva*). *Jurnal Teknologi Pertanian (Agricultural Technology Journal)*. 10. No 2. <https://ejournal.unsrat.ac.id/v3/index.php/teta/article/view/25037/24738>
- Hawusiwa, Eko Sutrisno, Agustin Krisna Wardani, Dian Widya Ningtyas (2015). Pengaruh Konsentrasi Pasta Singkong (*Manihot Esculenta*) Dan Lama Fermentasi Pada Proses Pembuatan Minuman Wine Singkong. *Jurnal Pangan dan Agroindustri* Vol 3 No 1. <https://jpa.ub.ac.id/index.php/jpa/article/view/119/143>
- Herbach, Kirsten, Stintzing, Florian dan Carle, Reinhold. (2006). *Betalain Stability and Degradation—Structural and Chromatic Aspects*. *Journal of Food Science*. Vol 71. No 4. <https://dokumen.tips/documents/betalain-stability-and-degradationstructural-and-chromatic-aspects.html?page=1>
- Heyman, H. and S.E. Ebeler. (2016). *Sensory and Instrumental Evaluation of Alcoholic Beverage*. Elsevier Inc. United Kingdom. <https://oeno-one.eu/article/view/4551>
- Ivanesthi, Indira Rizqita, Sri Nurhatika, dan Anton Muhibuddin (2016). Potensi Fermentasi Etanol Isolat Yeast Tanah yang Diisolasi dari Kabupaten Jember, Jawa Timur. *Jurnal Sains Dan Seni ITS* Vol 5. No 2.

<https://media.neliti.com/media/publications/129332-ID-potensi-fermentasi-etanol-isolat-yeast-t.pdf>

- Juniaty, Dyna. Sentosa G., dan Terip Karo K. (2015). Pengaruh Perbandingan Sari Bit Dengan Sari Nenas Dan Konsentrasi Gula Terhadap Mutu Sirup Bitnas. *Jurnal Rekayasa Pangan dan Pertanian* Vol. 3 No. 3 <https://adoc.pub/pengaruh-perbandingan-sari-bit-dengan-sari-nenas-dan-konsent.html>
- Kanner, Joseph & Harel, Stela & Granit, Rina. (2001). *Betalains A New Class of Dietary Cationized Antioxidants*. *Journal of agricultural and food chemistry*. Vol 49, No. 11.  
[https://www.researchgate.net/publication/11641606\\_BetalainsA\\_New\\_Class\\_of\\_Dietary\\_Cationized\\_Antioxidants](https://www.researchgate.net/publication/11641606_BetalainsA_New_Class_of_Dietary_Cationized_Antioxidants)
- Langi, Juliasri H., Lena J. Damongilala, Lita A.D.Y. Montolalu, Silvana D. Harikedua, dan Daisy M. Makapedua (2022). Flavonoid Dan Tanin Ekstrak Air Subkritis Benang Sari Dan Kepala Putik Bunga Mangrove *Sonneratia alba*. *Media Teknologi Hasil Perikanan*.  
<https://ejournal.unsrat.ac.id/v3/index.php/jmthp/article/download/40658/pdf/94403>
- Mading, Yuliana, Dian Mutiara dan Dewi Novianti (2021). Respons Pertumbuhan Tanaman Mentimun (*Cucumis Sativus L.*) Terhadap Pemberian Kompos Fermentasi Kotoran Sapi. *Jurnal Indobiosanis*. Vol 3 No. 1 <https://jurnal.univpgri-palembang.ac.id/index.php/biosains/article/download/4455/4636/10583>
- McCarthy, G. C., Morgan, S. C., Martiniuk, J. T., Newman *et al* (2021). *An indigenous Saccharomyces uvarum population with high genetic diversity dominates uninoculated Chardonnay fermentations at a Canadian winery*. *Plos One*. Vol. 16, No. 2.  
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7861373/pdf/pone.0225615.pdf>
- Medina A Coral, JP Morrissey, dan Carole Camarasa (2022). *The growth and metabolome of Saccharomyces uvarum in wine fermentations are strongly influenced by the route of nitrogen assimilation*. *Journal of Industrial Microbiology and Biotechnology*. Vol. 49.  
<https://academic.oup.com/jimb/article/49/6/kuac025/6825455>
- Molyneux, Philip (2003). The use of the stable radical Diphenylpicrylhydrazyl (DPPH) for estimating antioxidant activity. *Songklanakarin Journal of Science and Technology* Vol. 26 No. 2.  
[https://www.researchgate.net/publication/237620105\\_The\\_use\\_of\\_the\\_stable\\_radical\\_Diphenylpicrylhydrazyl\\_DPPH\\_for\\_estimating\\_antioxidant\\_activity](https://www.researchgate.net/publication/237620105_The_use_of_the_stable_radical_Diphenylpicrylhydrazyl_DPPH_for_estimating_antioxidant_activity)
- Mutiati, Balogun, Olufunmilola Abiodun, Fausat Kolawole *et al.* (2017). *Physicochemical and sensory properties of blends of pineapple-carrot wine*. *Journal of Microbiology, Biotechnology and Food Sciences*.7.  
[https://www.researchgate.net/publication/321887862\\_Physicochemical\\_and\\_sensory\\_properties\\_of\\_blends\\_of\\_pineapple-carrot\\_wine](https://www.researchgate.net/publication/321887862_Physicochemical_and_sensory_properties_of_blends_of_pineapple-carrot_wine)

- Nanda, R. W. (2014). Produksi Serbuk Pewarna Alami Bit Merah (*Beta vulgaris L.*) dengan Metode *Oven Drying*. Semarang: Fakultas Teknologi Pangan. file:///C:/Users/User/Downloads/972-2065-1-SM.pdf
- OIV (2021). *SO<sub>2</sub> and wine : a review*. [https://www.oiv.int/sites/default/files/2022-09/oiv-collective-expertise-document-so2-and-wine-a-review\\_en.pdf](https://www.oiv.int/sites/default/files/2022-09/oiv-collective-expertise-document-so2-and-wine-a-review_en.pdf)
- Oliveira, Luís. (2004). Color and turbidity evolution in the aging process of port wine. Proceedings of SPIE - The International Society for Optical Engineering. [https://www.researchgate.net/publication/252795706\\_Color\\_and\\_turbidity\\_evolution\\_in\\_the\\_aging\\_process\\_of\\_port\\_wine](https://www.researchgate.net/publication/252795706_Color_and_turbidity_evolution_in_the_aging_process_of_port_wine)
- Pathare, P. B., U. L. Opara, dan F. A.-J Al-Said. (2013). *Colour Measurement and Analysis in Fresh and Processed Foods: A Review*. *Food and Bioprocess Technology*. [https://www.academia.edu/1562872/Colour\\_Measurement\\_and\\_Analysis\\_in\\_Fresh\\_and\\_Processed\\_Foods\\_A\\_Review](https://www.academia.edu/1562872/Colour_Measurement_and_Analysis_in_Fresh_and_Processed_Foods_A_Review)
- Pawignya, Harsa *et al.* (2010). Tinjauan Kinetika Pembuatan Rose Wine. Seminar Nasional Teknik Kimia. <http://repository.upnyk.ac.id/585/1/42.pdf>
- Prakash A., Fred Rigelhof, dan Eugene Miller (2001). Antioxidant Activity. *Medallion Laboratories. Analytical Progress, Vol. 19*. [https://www.academia.edu/4772227/ANALYTICAL\\_PROGRESS\\_Medallion\\_Laboratories\\_Antioxidant\\_Activity\\_WHAT\\_ARE\\_ANTIOXIDANTS](https://www.academia.edu/4772227/ANALYTICAL_PROGRESS_Medallion_Laboratories_Antioxidant_Activity_WHAT_ARE_ANTIOXIDANTS)
- Putri, N.P., Damiaty, dan Cokorda Istri R.M. (2021). Uji Kualitas Red Velvet Cake Dengan Menggunakan Ekstrak Umbi Bit (*Beta Vulgaris*) Sebagai Bahan Pewarna. *Jurnal Kuliner Vol 1 No.1* <https://ejournal.undiksha.ac.id/index.php/JK/article/view/32811/17792>
- Salsabila, U. Diah M., dan Ellya Indahyanti. (2013). Kinetika Reaksi Fermentasi Glukosa Hasil Hidrolisis Pati Biji Durian Menjadi Etanol. *Kimia Student Journal Vol. 2 No. 1* <https://media.neliti.com/media/publications/246688-kinetika-reaksi-fermentasi-glukosa-hasil-8826f79c.pdf>
- Santi, Sintha S. (2008). Pembuatan Alkohol Dengan Proses Fermentasi Buah Jambu Mete Oleh Khamir *Sacharomices cerevesiae*. *Jurnal Penelitian Ilmu Teknik Vol. 8* <https://core.ac.uk/download/pdf/12218062.pdf>
- Saputra, Angguntia Dwi (2018). Perbandingan Kadar Alkohol Dan Cita Rasa Wine Salak Pondoh (*Salacca zalacca* (Gaert.)Voss.) Dengan Metode Red Wine, White Wine Dan Sake Menggunakan Strain Yeast Polandia (*Saccharomyces cereviceae*). Skripsi. [http://www.library.usd.ac.id/Data%20PDF/F.%20Keguruan%20dan%20Ilmu%20Pendidikan/Pendidikan%20Biologi/141434083\\_full.pdf](http://www.library.usd.ac.id/Data%20PDF/F.%20Keguruan%20dan%20Ilmu%20Pendidikan/Pendidikan%20Biologi/141434083_full.pdf)



- Sari, Nelvita Mei Indah, Atok Miftachul Hudha, dan Wahyu Prihanta (2016). Uji Kadar Betasianin Pada Buah Bit (*Beta Vulgaris L.*) Dengan Pelarut Etanol Dan Pengembangannya Sebagai Sumber Belajar Biologi. Jurnal Pendidikan Biologi Indonesia Vol 2 No 1  
file:///C:/Users/User/Downloads/editor\_dppm,+08.+Nelvita\_UMM+(72-77)%20(1).pdf
- Sastrawan, I Putu Andriana, Agus Selamat Duniaji, dan Ni Wayan Wisaniyasa (2022) Pengaruh Konsentrasi Sukrosa Terhadap Karakteristik Wine Kopi Arabika Kintamani. Jurnal Ilmu dan Teknologi Pangan (ITEPA) Vol 11, No.3  
<https://ojs.unud.ac.id/index.php/itepa/article/download/97045/47987/>
- Scrimgeour, N (2016). *The effects of elevated storage temperature on wine composition. Technical Review No. 224.* [https://www.awri.com.au/wp-content/uploads/2011/07/Technical\\_Review\\_Issue\\_224\\_Scrimgeour.pdf#:~:text=SO2%20exists%20in%20three%20free,SO2%20to%20decrease%20with%20time](https://www.awri.com.au/wp-content/uploads/2011/07/Technical_Review_Issue_224_Scrimgeour.pdf#:~:text=SO2%20exists%20in%20three%20free,SO2%20to%20decrease%20with%20time)
- Setiarto, Raden H. B., dan Nunuk Widhyastuti (2016). Penurunan Kadar Tanin Dan Asam Fitat Pada Tepung Sorgum Melalui Fermentasi *Rhizopus Oligosporus*, *Lactobacillus Plantarum* Dan *Saccharomyces Cerevisiae* (*Reduction of Tannin and Phytic Acid on Sorghum Flour by Using Fermentation of Rhizopus Oligosporus, Lactobacillus Plantarum and Saccharomyces Cerevisiae*). Berita Biologi, Vol. 15, No. 2. [https://e-journal.biologi.lipi.go.id/index.php/berita\\_biologi/article/view/2295/2402](https://e-journal.biologi.lipi.go.id/index.php/berita_biologi/article/view/2295/2402)
- Sharma, M.D. & S.P. Bhattarai (2006). *Performance Of Cucumber Cultivars At Low Hill During Summer-Rainy Seasons. Journal of the Institute of Agriculture and Animal Science* 27. <https://lib.icimod.org/record/12170>
- Silva, Filipa V. M. dan Sanelle van Wyk (2021). *Emerging Non-Thermal Technologies as Alternative to SO<sub>2</sub> for the Production of Wine.* Foods. 10.. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8469166/>
- Smeriglio, Antonella, Davide Barreca, Ersilia Bellocco *et al* (2016). *Proanthocyanidins and hydrolysable tannins: occurrence, dietary intake and pharmacological effects: Pharmacological aspects of tannins. British Journal of Pharmacology.* <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5429339/>
- Tyler, Lucia, Acree, Terry dan Smith, Nancy. (1979). *Sensory evaluation of geosmin in juice made from cooked beets.* Journal of Food Science. 44. 79 - 81. 10.1111/j.1365-2621.1979.tb10009.x.  
[https://www.researchgate.net/publication/230178152\\_Sensory\\_evaluation\\_of\\_geosmin\\_in\\_juice\\_made\\_from\\_cooked\\_beets](https://www.researchgate.net/publication/230178152_Sensory_evaluation_of_geosmin_in_juice_made_from_cooked_beets)
- Ugliano, M. (2013). *Oxygen Contribution to Wine Aroma Evolution during Bottle Aging. Journal of Agricultural and Food Chemistry* Vol 61. <https://www.corkqc.com/products/chemical-and-sensory-study-on-the-evolution-of-aromatic-and-nonaromatic-compounds-during-the-progressive-oxidative-storage-of-a-sauvignon-blanc-wine>

- USDA (2019). Beets, raw. <https://fdc.nal.usda.gov/fdc-app.html#/food-details/169145/nutrients>
- USDA (2019). Cucumber, raw. <https://fdc.nal.usda.gov/fdc-app.html#/food-details/1103352/nutrients>
- Vilela, Alice, Dorit Schuller, Arlete Mendes-Faia, *et al* (2013). *Reduction of volatile acidity of acidic wines by immobilized Saccharomyces cerevisiae cells. Applied microbiology and biotechnology.* [https://www.researchgate.net/publication/235383129\\_Reduction\\_of\\_volatile\\_acidity\\_of\\_acidic\\_wines\\_by\\_immobilized\\_Saccharomyces\\_cerevisiae\\_cells](https://www.researchgate.net/publication/235383129_Reduction_of_volatile_acidity_of_acidic_wines_by_immobilized_Saccharomyces_cerevisiae_cells)
- Wei, Xiaofeng, Uwamahoro Françoise, Minyang Qin *et al* (2020). Effects of different fermentation and storage conditions on methanol content in Chinese spine grape (*Vitis davidii* Foex) wine. *CyTA - Journal of Food*. 18. 367-374. 10.1080/19476337.2020.1737238. <https://www.tandfonline.com/doi/full/10.1080/19476337.2020.1737238>
- Yolandari, Alifia Carlina dan Siti Chairiyah Batubara (2019). Formulasi Minuman Serbuk Instan Mentimun Menggunakan Metode *Mixture Design*. *Jurnal Teknologi Pangan dan Kesehatan (The Journal of Food Technology and Health)*. Vol 1. No. 2. [http://jurnal.usahid.ac.id/index.php/teknologi\\_pangan/article/view/187/177](http://jurnal.usahid.ac.id/index.php/teknologi_pangan/article/view/187/177)
- Zhao, Yan-Sheng, Aya Samy Eweys, Jia-Yan Zhang *et al* (2021). *Fermentation Affects the Antioxidant Activity of Plant-Based Food Material through the Release and Production of Bioactive Components. Antioxidants.* 10. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8698425/>