

DAFTAR PUSTAKA

- Abbott, A. & M. Ellison. (2008). *Biologically Inspired Textiles*. England (UK): Woodhead Publishing.
- Abdollahi, Mehdi, John Axelsson, Nils-Gunnar Carlsson, Goran M. Nylund, Eva Albers, & Ingrid Undeland. (2019). *Effect of Stabilization Method and Freeze/Thaw-Aided Precipitation on Structural And Functional Properties of Proteins Recovered from Brown Seaweed (Saccharina Latissima)*. *Food Hydrocolloids* 96:140-150. (Jurnal [3]). <https://doi.org/10.1016/j.foodhyd.2019.05.007>
- Adebiyi, A.P., Dong-Hao Jin, Tomohisa Ogawa, & Koji Muramoto. (2005). *Acid Hydrolysis of Protein in a Microcapillary Tube for the Recovery of Tryptophan*. *Bioscience, Biotechnology, and Biochemistry* 69(1):255-257. <https://doi.org/10.1271/bbb.69.255>
- Ainavarapu, S.R., Jasna Brujic, Hector H Huang, Arun P Wiita, Hui Lu, Lewyn Li, Kirstin A Walther, Mariano Carrion-Vazquez, Hongbin Li, & Julio M Fernandez. (2007). *Contour length and refolding rate of a small protein controlled by engineered disulfide bonds*. *Biophysical Journal* 92(1):225-258. <https://doi.org/10.1529/biophysj.106.091561>
- Angell, Alex R., Leonardo Mata, Rocky de Nys, & Nicholas A. Paul. (2015). *Indirect and Direct Effects of Salinity on the Quantity and Quality of Total Amino Acids in Ulva ohnoi (Chlorophyta)*. *Journal of Phycology* 51(3):536-545. (Jurnal [58]). <https://doi.org/10.1111/jpy.12300>
- Anikeev, Vladimkr & Maohong Fan. (2014). *Supercritical Fluid Technology for Energy and Environmental Applications*. Amsterdam (Netherlands): Elsevier.
- Armarego, Wilfred L.F. & Christina L.L. Chai. (2009). *Purification of Laboratory Chemicals Sixth Edition*. Oxford (UK): Butterworth-Heinemann Elsevier.
- Atta-ur-Rahman (Editor). (2021). *Studies in Natural Products Chemistry: Bioactive Natural Products Volume 68 Chapter 9*. Amsterdam (Netherlands): Elsevier.
- Babar, Zaheer-Ud-Din (Editor Penanggungjawab). (2019). *Encyclopedia of Pharmacy Practice and Clinical Pharmacy*. Cambridge (USA): Academic Press.
- Babu, Suryadevara (Editor). (2016). *Advances in Chemical Mechanical Planarization (CMP)*. England (UK): Woodhead Publishing.

- Bak, Urd G., Cecilie Wrenfeldt Nielsen, Goncalo Silva Marinho, Olavur Gregersen, Rosa Jonsdottir, & Susan Lovstad Holdt. (2019). *The Seasonal Variation in Nitrogen, Amino Acid, Protein and Nitrogen-To-Protein Conversion Factors of Commercially Cultivated Faroese Saccharina Latissima*. *Algal Research* 42:101576. (Jurnal [15]). <https://doi.org/10.1016/j.algal.2019.101576>
- Banies, D., & Brown, D. (2016). *Flavor Enhancers: Characteristics and Uses dalam Encyclopedia of Food and Health* pp.716-723. London (UK): Elsevier. <http://dx.doi.org/10.1016/B978-0-12-384947-2.00297-X>
- Barbarino, E., & Lourenço, S. (2005). *An Evaluation of Methods for Extraction and Quantification of Protein from Marine Macro- and Microalgae*. *Journal of Applied Phycology* 17(5):447-460. <https://doi.org/10.1007/s10811-005-1641-4>
- Barkholt, V. & Arne L. Jensen. (1989). *Amino Acid Analysis: Determination of Cysteine plus Half-Cysteine in Protein after Hydrochloric Acid Hydrolysis with a Disulfida Compound as Additive*. *Analytical Biochemistry* 177:318-322. [https://doi.org/10.1016/0003-2697\(89\)90059-6](https://doi.org/10.1016/0003-2697(89)90059-6)
- Berk, Zeki. (2009). *Food Process Engineering and Technology: A volume in Food Science and Technology*. Cambridge (USA): Academic Press.
- Bhandari, B., Nidhi Bansal, Min Zhang, & Pierre Schuck. (2013). *Handbook of Food Powders: Processes and Properties*. England (UK): Woodhead Publishing.
- Biancarosa, I., M. Espe, C.G. Bruckner, S. Heesch, N. Liland, R. Waagbo, B. Torstensen, & E.J. Lock. (2017). *Amino Acid Composition, Protein Content, and Nitrogen-to-Protein Conversion Factors of 21 Seaweed Species from Norwegian Waters*. *Journal of Applied Phycology* 29(2):1001-1009. (Jurnal [30]). [10.1007/s10811-016-0984-3](https://doi.org/10.1007/s10811-016-0984-3)
- Bidlingmeyer, Brian A., Steven A. Cohen, & Thomas L. Tarvin. (1984). *Rapid Analysis of Amino Acids Using Pre-Column Derivatization*. *Journal of Chromatography B (Biomedical Science and Application)* 336:93-104. [https://doi.org/10.1016/S0378-4347\(00\)85133-6](https://doi.org/10.1016/S0378-4347(00)85133-6)
- Biochrom. (2022). *Biochrom 30+ Series Amino Acid Analyzer*. Diakses dari <http://www.biochrom.co.uk/product/115/biochrom-30+-amino-acid-analyzer-physiological-system-usa-and-other-customers.html>.
- Bonner, Philip L.R. (2019). *Protein Purification Second Edition*. Boca Raton (USA): CRC Press.

- Burdock, George A. (2014). *Encyclopedia of Food & Color Additives*. Boca Raton (USA): CRC Press.
- Caballero, B., Paul M. Finglas, & Fidel Toldra (Editor Penanggungjawab). (2016). *Encyclopedia of Food and Health*. Cambridge (USA): Academic Press.
- Caballero, Benjamin (Editor Penanggungjawab). (2003). *Encyclopedia of Food Sciences Second Edition*. Cambridge (USA): Academic Press.
- Capelo-Martinez, Jose-Luis. (2009). *Ultrasound in Chemistry: Analytical Applications*. Weinheim (Germany): Wiley-VCH.
- Carreira, Erick M. & Hisashi Yamamoto (Editor Penanggungjawab). (2012). *Comprehensive Chirality*. Cambridge (USA): Academic Press.
- Chawla, Gita & Chanda Ranjan. (2016). *Principle, Instrumentation, and Applications of UPLC: A Novel Technique of Liquid Chromatography*. Open Chemistry Journal 3:1-16. <http://dx.doi.org/10.2174/1874842201603010001>
- Chem, G., J.B. Russel, and C.J. Sniffen. (1987). *A Procedure for Measuring Peptides in Rumen Fluid and Evidence that Peptide Uptake can be a Rate-Limiting Step in Ruminal Protein Degradation*. Journal of Dairy Science 70:1211-1219. [https://doi.org/10.3168/jds.s0022-0302\(87\)80133-9](https://doi.org/10.3168/jds.s0022-0302(87)80133-9)
- Ching, C. B., K. Hidajat & M. S. Uddin. (1989). *Evaluation of Equilibrium and Kinetic Parameters of Smaller Molecular Size Amino Acids on KX Zeolite Crystals via Liquid*. Chromatographic Techniques, Separation Science, and Technology 24(7-8):581-597. <http://doi.org/10.1080/01496398908049793>
- Choi, Nak-Eon & Jung H. Han. (2015). *How Flavor Works: The Science of Taste and Aroma*. Hoboken (USA): Willey Blackwell.
- Ciborowski, P. & J. Silberring. (2016). *Proteomic Profiling and Analytical Chemistry Second Edition: The Crossroads*. Amsterdam (Netherlands): Elsevier.
- Commission Regulation (EC). (2009). *The Methods of Sampling and Analysis for The Official Control of Feed*. Diakses dari <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:02009R0152-20170524&qid=1549036706310&from=EN>
- Dabrowski, A. (Editor). (1999). *Adsorption and its Application in Industry and Environmental Protection Volume 120 Part B*. Amsterdam (Netherlands): Elsevier.

- Daintith, John (Editor). (2008). *A Dictionary of Chemistry Sixth Edition*. New York (USA): Oxford University Press.
- Davies, Michael G. & Alan J. Thomas. (1973). *An Investigation of Hydrolytic Techniques for the Amino Acid Analysis of Foodstuffs*. *Journal of the Science of Food and Agriculture* 24:1525-1540. <https://doi.org/10.1002/jsfa.2740241208>
- Dayal, A. Mohan & Devleena Mani (Editor). (2017). *Shale Gas: Exploration and Environmental and Economic Impacts*. Amsterdam (Netherlands): Elsevier.
- de Man, J. M., John W. Finley, W. Jeffrey Hurst, & Chang Yong Lee. (2018). *Principles of Food Chemistry Fourth Edition*. Swiss: Springer Nature.
- Devahastin, Sakamon (Editor). (2017). *Food Microstructure and Its Relationship with Quality and Stability*. Cambridge (USA): Academic Press.
- El-Sheekh, Mostafa and Abd El-Fatah Abomohra (Editor). (2021). *Handbook of Algal Biofuels Aspects of Cultivation, Conversion, and Biorefinery*. Amsterdam (Netherlands): Elsevier.
- Fanali, S., Paul R. Haddad, Colin F. Poole, Peter Schoenmakers, & David Lloyd (Editor). (2017). *Liquid Chromatography: Applications*. Amsterdam (Netherlands): Elsevier.
- Fisher Scientific. (2022). *Acetic Acid*. Diakses dari <https://www.fishersci.com/us/en/browse/80013705/Acetic-Acid?categoryKey=80013705&page=2>
- Fountoulakis, Michael & Hans-Werner Lahm. (1998). *Review: Hydrolysis and Amino Acid Composition Analysis of Proteins*. *Journal of Chromatography A* 826:109-134. [https://doi.org/10.1016/s0021-9673\(98\)00721-3](https://doi.org/10.1016/s0021-9673(98)00721-3)
- Gadberry, Bradley A., John Colt, Desmond Maynard, Diane C. Boratyn, Ken Webb, Ronald B. Johnson, Gary W. Saunders, & Richard H. Boyer. (2018). *Intensive Land-Based Production of Red and Green Macroalgae for Human Consumption in the Pacific Northwest: An Evaluation of Seasonal Growth, Yield, Nutritional Composition, and Contaminant Levels*. *Algae* 33(1):109-125. (Jurnal [39]). <https://doi.org/10.4490/algae.2018.33.2.21>
- Gajaria, Tejal K., Poornima Suthar, Ravi S. Baghel, Nikunj B. Balar, Preeti Sharnagat, Vaibhav A. Mantri, & C.R.K. Reddy. (2017). *Integration of Protein Extraction with A Stream of Byproducts from Marine Macroalgae: A Model Forms the Basis for*

Marine Bioeconomy. Bioresource Technology 243:867-873. (Jurnal [10]).
<https://doi.org/10.1016/j.biortech.2017.06.149>

Galanakis, Charis M. (2019). *Proteins: Sustainable Source, Processing, and Applications*. London (UK): Academic Press.

Galluzzi, Lorenzo & Guido Kroemer (Editor). (2014). *Methods in Enzymology Volume 543: Cell-wide Metabolic Alterations Associated with Malignancy*. Cambridge (USA): Academic Press.

Gao, Guang, Anthony S. Clare, Eleni Chatzidimitriou, Craig Rose, & Gary Caldwell. (2018). *Effects of Ocean Warming and Acidification Combined with Eutrophication on Chemical Composition and Functional Properties of Ulva rigida*. Food Chemistry 258:71-78. (Jurnal [16]). [10.1016/j.foodchem.2018.03.040](https://doi.org/10.1016/j.foodchem.2018.03.040)

Garcia-Vaquero, M., M. Lopez-Alonso, & M. Hayes. (2017). *Assessment of the Functional Properties of Protein Extracted from the Brown Seaweed Himanthalia elongata (Linnaeus) S. F. Gray*. Food Research International 99(3):971-978. (Jurnal [8]). <https://doi.org/10.1016/j.foodres.2016.06.023>

Greenfield, H. & D.A.T Southgate. (2003). *Food Composition Data: Production, Management, and Use Second Edition*. Rome: FAO of United Nations.

Gressler, Vanessa, Nair Sumie Yokoya, Mutue Toyota Fujii, Pio Colepicolo, Jorge Mancini Filho, Rosangela Pavan Torres, & Ernani Pinto. (2010). *Lipid, Fatty Acid, Protein, Amino Acid, and Ash Contents in Four Brazilian Red Algae Species*. Food Chemistry 120(2):585-590. <https://doi.org/10.1016/j.foodchem.2009.10.028>

Grumezescu, Alexandru Mihai (Editor). (2018). *Nanoscale Fabrication, Optimization, Scale-up and Biological Aspect of Pharmaceutical Nanotechnology*. Amsterdam (Netherlands): Elsevier.

Guichard, E., Christian Salles, Martine Morzel, dan Anne-Marie Le Bon. (2016). *Flavour: From Food to Perception*. Hoboken, New Jersey (USA): Willey Blackwell.

Harris, Michael E. & Vernon E. Anderson (Editor). (2017). *Methods in Enzymology Volume 596: Measurement and Analysis of Kinetics Isotope Effect*. Cambridge (USA): Academic Press.

Harrysson, Hanna, Maria Hayes, Friederike Eimer, Nils-Gunnar Carlsson, Gunilla B Toth, & Ingrid Undeland. (2018). *Production of Protein Extracts from Swedish Red, Green, and Brown Seaweeds, Porphyra Umbilicalis Kützing, Ulva Lactuca*

Linnaeus, and Saccharina Latissima (Linnaeus) J. V. Lamouroux Using Three Different Methods. Journal of Applied Phycology 30:3565–3580. (Jurnal [53]). <https://link.springer.com/article/10.1007/s10811-018-1481-7>

Hatti-Kaul, Rajni & Bo Mattiason (Editor). (2003). *Isolation and Purification of Protein.* New York (USA): Marcel Dekker, Inc.

Heldman, Dennis R. & Carmen I. Moraru (Editor). (2011). *Encyclopedia of Agricultural, Food, and Biological Engineering Second Edition.* Boca Raton (USA): CRC Press.

Hsu, C.L., Chen W., Weng Y.M., Tseng C.Y. (2003). *Chemical Composition, Physical Properties, and Antioxidant Activities of Yam Flours as Affected by Different Drying Methods.* Food Chemistry 83:85–92. <http://dx.doi.org/10.2174/1874842201603010001>

Hui, Y.H. (Editor). (2006). *Handbook of Food Science, Technology, and Engineering Volume 3.* Boca Raton (USA): CRC Press.

Ishii, Tetsuro & Giovanni E. Mann. (2014). *Redox Status in Mammalian Cells and Stem Cells during Culture in Vitro: Critical Roles of Nrf2 and Cystine Transporter Activity in the Maintenance of Redox Balance.* Redox Biology 2:786-794. <https://dx.doi.org/10.1016%2Fj.redox.2014.04.008>

Jacob-Lopes, E., Maria Isabel Queiroz, Mariana Manzoni Maroneze, & Leila Queiroz Zepka (Editor). (2020). *Handbook of Microalgae-Based Processes and Products: Fundamentals and Advances in Energy, Food, Feed, Fertilizer, and Bioactive Compounds.* Cambridge (USA): Academic Press.

Jagschies, G., Eva Lindskog, Karol Łacki, & Parrish Galliher (Editor). (2017). *Biopharmaceutical Processing: Development, Design, and Implementation of Manufacturing Processes.* Amsterdam (Netherlands): Elsevier.

Janna, William S. (2009). *Engineering Heat Transfer Third Edition.* Boca Raton (USA): CRC Press.

Jenkins, Mike & Artemis Stamboulis (Editor). (2012). *Durability & Reliability of Medical Polymers.* England (UK): Woodhead Publishing.

Jeol Ltd. (2022). *Jeol JLC-500/V Fully Automatic Amino Acid Analyzer.* Diakses dari <https://www.jeol.co.jp/products/detail/JLC-500V.html>.

- Johns, Paul W. (2021). *Determination of Sulfur Amino Acids in Milk and Plant Proteins*. Food Analytical Methods 14:108–116. <https://doi.org/10.1007/s12161-020-01854-9>
- Jung, Sang Mok., Seul Gi Kang, Ji Su Son, Jae Hyuk Jeon, Han Joo Lee, & Hyun Woung Shin. (2016). *Temporal and Spatial Variations in the Proximate Composition, Amino Acid, and Mineral Content of Pyropia yezoensis*. Journal of Applied Phycology 28(6):3459-3467. (Jurnal [61]). <https://doi.org/10.1007/s10811-016-0862-z>
- Kadam, Shekhar U., Carlos Alvarez, Brijesh K. Tiwari, & Colm P. O'Donnell. (2017). *Extraction and Characterization of Protein from Irish Brown Seaweed Ascophyllum nodosum*. Food Research International 99(3):1021-1027. (Jurnal [1]). <https://doi.org/10.1016/j.foodres.2016.07.018>
- Katoch, Rajan. (2011). *Analytical Techniques in Biochemistry and Molecular Biology*. New York (USA): Springer.
- Khairy, Hanan M. & Shima M. El-Shafay. (2013). *Seasonal variations in the biochemical composition of some common seaweed species from the coast of Abu Qir Bay, Alexandria, Egypt*. Oceanologia 55(2):435–452. (Jurnal [48]). <https://doi.org/10.5697/oc.55-2.435>
- Kim, Se-Kwon & Katarzyna Chojnack. (2015). *Marine Algae Extracts: Processes, Products, and Applications Volume 2*. Weinheim (Germany): Wiley-VCH.
- Kuddus, Mohammed (Editor). (2019). *Enzymes in Food Biotechnology: Production, Application, and Future Prospect*. Cambridge (USA): Academic Press.
- Kumar, R., Vikramachakravarthi D, & Parimal Pal. (2014). *Production and Purification of Glutamic Acid: a Critical Review towards Process Intensification*. Chemical Engineering and Processing 81:59-71. <https://doi.org/10.1016/j.cep.2014.04.012>
- Lafarga, T., Francisco Gabriel Acién-Fernández, & Marco Garcia-Vaquero. (2020). *Review Article: Bioactive Peptides and Carbohydrates from Seaweed for Food Applications: Natural occurrence, isolation, purification, and identification*. Algal Research 48:101909. <https://doi.org/10.1016/j.algal.2020.101909>
- Laohakunjit, Natta, Orrapun Selamassakul, & Orapin Kerdchoechuen. (2014). *Seafood-like Flavour Obtained from the Enzymatic hydrolysis of the Protein By-Product of Seaweed (Gracilaria sp.)*. Food Chemistry 158:162-170. (Jurnal [6]). <https://doi.org/10.1016/j.foodchem.2014.02.101>

- Lavelle, C., Herve This, Alan L. Kelly, Roisin Burke (Editor). (2021). *Handbook of Molecular Gastronomy: Scientific Foundations, Educational Practices, and Culinary Applications*. Boca Raton (USA): CRC Press.
- Lee, Jin Hwan & Myoung-Gun Choung. (2011). *Determination of Optimal Acid Hydrolysis Time of Soybean Isoflavones using Drying Oven and Microwave Assisted Methods*. *Food Chemistry* 129:577–582. <https://doi.org/10.1016/j.foodchem.2011.04.069>
- Lee, Wei-Kang, Yi-Yi Lim, Adam Thean-Chor Leow, Parameswari Namasivayam, Janna Ong Abdullah, Chai-Ling Ho. (2017). *Biosynthesis of Agar in Red Seaweeds: A Review*. *Carbohydrate Polymers* 15(164):23-30. <https://doi.org/10.1016/j.carbpol.2017.01.078>
- Lee, Shin Youp, Jin Hwa Chang, & Sun Bok Lee. (2014). *Chemical Composition, Saccharification Yield, and the Potential of the Green Seaweed *Ulva pertusa**. *Biotechnology and Bioprocess Engineering* 19(6):1022-1033. (Jurnal [37]). [10.1007/s12257-014-0654-8](https://doi.org/10.1007/s12257-014-0654-8)
- Lees, Michele (Editor). (2003). *Food Authenticity and Traceability*. England (UK): Woodhead Publishing.
- Lorenzo, Jose M., Ruben Agregan, Paulo E.S. Munekata, Daniel Franco, Javier Carballo, Selin Sahin, Ramon Lacomba, & Francisco J. Barba. (2017). *Proximate Composition and Nutritional Value of Three Macroalgae: *Ascophyllum nodosum*, *Fucus vesiculosus*, and *Bifurcaria bifurcata**. *Marine Drugs* 15(11):360-371. (Jurnal [19]). [10.3390/md15110360](https://doi.org/10.3390/md15110360)
- Machado, Marlene, Susana Machado, Filipa B. Pimentel, Victor Freitas, Rita C. Alves, & M. Beatriz P.P. Oliveira. (2020). *Amino Acid Profile and Protein Quality Assessment of Macroalgae Produced in An Integrated Multi-Trophic Aquaculture System*. *Foods* 9:1382-1396. (Jurnal [22]). <https://doi.org/10.3390/foods9101382>
- Maehre, Hanne K., Guro K. Edvinsen, Karl-Erik Eilertsen, & Edel O. Elvevoll. (2016). *Heat Treatment Increases the Protein Bioaccessibility in the Red Seaweed Dulse (*Palmaria palmata*), but not in the Brown Seaweed Winged Kelp (*Alaria esculenta*)*. *Journal of Applied Phycology* 28(1):581-590. (Jurnal [25]). [10.1007/s10811-015-0587-4](https://doi.org/10.1007/s10811-015-0587-4)
- Maehre, Hanne K., Ida-Johanne Jensen, dan Karl-Erik Eilertsen. (2016). *Enzymatic Pre-Treatment Increases the Protein Bioaccessibility and Extractability in Dulse (*Palmaria palmata*)*. *Marine Drugs* 14(11):196-205. (Jurnal [21]). [10.3390/md14110196](https://doi.org/10.3390/md14110196)

- Maehre, Hanne K., Marian K. Malde, Karl-Erik Eilertsen, & Edel O Elvevoll. (2014). *Characterization of Protein, Lipid, and Mineral Content in Common Norwegian Seaweeds and Evaluation of Their Potential as Food and Feed*. Journal of Science of Food and Agriculture 94(15):3281-3290. (Jurnal [20]). [10.1002/jsfa.6681](https://doi.org/10.1002/jsfa.6681)
- Makowski, Gregory S. (Editor). (2017). *Advances in Clinical Chemistry Volume 79*. Cambridge (USA): Academic Press.
- Makowski, Gregory S. (Editor). (2019). *Advances in Clinical Chemistry Volume 92*. Cambridge (USA): Academic Press.
- Manns, Dirk, Mette Moller Nielsen, Annette Bruhn, Bodo Saake, & Anne S. Meyer. (2017). *Compositional Variations of Brown Seaweeds Laminaria digitata and Saccharina latissima in Danish Waters*. Journal of Applied Phycology 29(3):1493-1506. (Jurnal [23]). <https://doi.org/10.1007/s10811-017-1056-z>
- Marconi, E., G. Panfili, L. Bruschi, V. Vivanti, and L. Pizzoferrato. (1995). *Comparative Study on Microwave and Conventional Methods for Protein Hydrolysis in Food*. Amino Acids 8: 201-208. <https://doi.org/10.1007/bf00806493>
- Marinho, Goncalo S., Susan L. Holdt, & Irini Angelidaki. (2015). *Seasonal Variations in the Amino Acid Profile and Protein Nutritional Value of Saccharina latissima Cultivated in a Commercial IMTA System*. Journal of Applied Phycology 27(5):1991-2000. (Jurnal [62]). <https://doi.org/10.1007/s10811-015-0546-0>
- McNeil, Brian, David Archer, Ioannis Giavasis, & Linda Harvey (Editor). (2013). *Microbial Production of Food Ingredients, Enzymes, and Nutraceuticals*. England (UK): Woodhead Publishing.
- McSweeney, Paul L.H. & John P. McNamara (Editor Penanggungjawab). (2022). *Encyclopedia of Dairy Sciences*. Cambridge (USA): Academic Press.
- McTigue, Nancy E. & James M (Editor). Symons. (2010). *The Water Dictionary Second Edition: A Comprehensive Reference of Water Terminology*. USA: American Water Works Association.
- Medwow. (2022). *Manufacturer Specifications - LC3000, Eppendorf*. Diakses dari http://www.medwow.com/med/amino_acid_analyzer/eppendorf/lc3000/13274.model-spec
- Memmert. (2022). *Waterbath WTB*. Diakses dari <https://www.memmert.com/products/waterbaths/waterbath/#!filters=%7B%7D>

- Merck^a. (2022). *Borate Buffer (89273)*. Diakses dari <https://www.sigmaaldrich.com/ID/en/product/sial/89273>
- Merck^b. (2022). *WHA1004125: Whatman® qualitative filter paper Grade 4*. Diakses dari https://www.sigmaaldrich.com/ID/en/product/aldrich/wha1004125?gclid=EAIAIQobChMIsLjlqOKU9gIVy51LBR0MdQk0EAAYASAAEgLBQfD_BwE.
- Merck^c. (2022). *Z741332: Techne® digital Dri-Block® heaters*. Diakses dari <https://www.sigmaaldrich.com/ID/en/product/sigma/z741332>
- Merck^d. (2022). *MyBath™ Digital Water Bath*. Diakses dari <https://www.sigmaaldrich.com/ID/en/product/aldrich/bmsb200012euk>
- Meyers, Robert A. (Editor Penanggungjawab). (2001). *Encyclopedia of Physical Science and Technology Third Edition*. Cambridge (USA): Academic Press.
- Milinic, J., Paulina Mata, Mario Diniz, & Joao Paulo Noronha. (2021). *Review Article: Umami taste in edible seaweeds: The current comprehension and perception*. International Journal of Gastronomy and Food Science 23:100301. <https://doi.org/10.1016/j.ijgfs.2020.100301>
- Misra, Ambikanandan (Editor). (2011). *Challenges in Celivery of Therapeutic Genomics and Proteomics*. Amsterdam (Netherlands): Elsevier.
- Mols-Mortensen, Agnes, Elma a Geilini Ortind, Charlotte Jacobsen, & Susan Lovstad Holdft. (2017). *Variation in Growth, Yield, and Protein Concentration in Saccharina latissima (Laminariales, Phaeophyceae) Cultivated with Different Wave and Current Exposures in the Faroe Islands*. Journal of Applied Phycology 29(5):2277-2286. (Jurnal [43]). [10.1007/s10811-017-1169-4](https://doi.org/10.1007/s10811-017-1169-4)
- Morris, Scott A. (2011). *Food and Package Engineering*. UK: Wiley-Blackwell.
- Moughan, P.J., Alison J Darragh, William C. Smith, dan Christine A Butts. (1990). *Perchloric and Trichloroacetic Acids as Precipitants of Protein in Endogenous Ileal Digesta from the Rat*. Journal of science of food and agriculture 52:13-21. <https://doi.org/10.1002/jsfa.2740520103>
- Mouritsen, Ole G. & Klavs Styrbæk. (2014). *Umami: Unlocking the Secrets of the Fifth Taste*. New York (USA): Columbia University Press.
- Mouritsen, Ole G. (2013). *Seaweeds: Edible, Available, and Sustainable*. Chicago (USA): The University of Chicago Press.

- Mukherjee, Pulok K. (Editor). (2015). *Evidence-Based Validation of Herbal Medicine*. Amsterdam (Netherlands): Elsevier.
- Murphy, Brian L. & Robert D Morrison (Editor). (2007). *Introduction to Environmental Forensics Second Edition*. Cambridge (USA): Academic Press.
- Nabavi, Seyed Mohammad & Ana Sanches Silva (Editor). (2019). *Nonvitamin & Nonmineral Nutritional Supplements*. Cambridge (USA): Academic Press.
- National Center for Biotechnology Information (NCBI)^a. (2021). *PubChem Compound Summary for CID 313: Hydrochloric Acid*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Hydrochloric-acid>.
- National Center for Biotechnology Information (NCBI)^b. (2021). *PubChem Compound Summary for CID 6395: Methanesulfonic Acid*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Methanesulfonic-acid>.
- National Center for Biotechnology Information (NCBI)^c. (2021). *PubChem Compound Summary for CID 24247: Perchloric Acid*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Perchloric-acid>.
- National Center for Biotechnology Information (NCBI)^d. (2021). *PubChem Compound Summary for CID 962: Water*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Water>.
- National Center for Biotechnology Information (NCBI)^e. (2021). *PubChem Compound Summary for CID 21236: L-Norleucine*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/L-Norleucine>.
- National Center for Biotechnology Information (NCBI)^f. (2021). *PubChem Compound Summary for CID 996: Phenol*. Diakses 12 November 2021. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Phenol>
- National Center for Biotechnology Information (NCBI)^g. (2021). *PubChem Compound Summary for CID 95116: 3,3'-Dithiodipropionic Acid*. Diakses dari https://pubchem.ncbi.nlm.nih.gov/compound/3_3_-Dithiodipropionic-acid.
- National Center for Biotechnology Information (NCBI)^h. (2021). *PubChem Compound Summary for CID 1567: Beta-Mercaptoethanol*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/beta-Mercaptoethanol>.

National Center for Biotechnology Information (NCBI)ⁱ. (2021). *PubChem Compound Summary for CID 702: Ethanol*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Ethanol>.

National Center for Biotechnology Information (NCBI)^j. (2021). *PubChem Compound Summary for CID 44263865: Bromelain*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Bromelain>.

National Center for Biotechnology Information (NCBI)^k. (2021). *PubChem Enzyme Summary for Enzyme 3.4.22.33: Fruit Bromelain*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/protein/EC:3.4.22.33>.

National Center for Biotechnology Information (NCBI)^l. (2021). *PubChem Enzyme Summary for Enzyme 3.4.22.32: Stem Bromelain*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/protein/EC:3.4.22.32>.

National Center for Biotechnology Information (NCBI)^m. (2022). *PubChem Compound Summary for CID 65098: Norvaline*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Norvaline>.

National Center for Biotechnology Information (NCBI)ⁿ. (2022). *PubChem Compound Summary for CID 176: Acetic Acid*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Acetic-acid>.

National Center for Biotechnology Information (NCBI)^o. (2022). *PubChem Compound Summary for CID 19001: Dithiothreitol*. Diakses dari <https://pubchem.ncbi.nlm.nih.gov/compound/Dithiothreitol>.

Neveux, Nicolas, Marie Magnusson, Thomas Maschmeyer, Rocky de Nys, & Nicholas A. Paul. (2014). *Comparing the Potential Production and Value of High-Energy Liquid Fuels and Protein from Marine and Freshwater Macroalgae*. *Global Change Biology Bioenergy* 7(4):673-689. (Jurnal [40]). <https://doi.org/10.1111/gcbb.12171>

Nishimura, Toshihide & Motonaka Kuroda. (2019). *Koku in Food Science and Physiology: recent Research on a Key Concept in Palatability*. Singapore: Springer Nature.

Nollet, Leo M.L. (2004). *Handbook of Food Analysis Second Edition*. New York (USA): Marcel Dekker.

Nouri, Mahdi and Eberhard Lucke (Editor). (2021). *Life Cycle of a Process Plant*. Amsterdam (Netherlands): Elsevier.

- O'Connor, Jack, Steve Meaney, Gwilym A. Williams, & Maria Hayes. (2020). *Extraction of Protein from Four Different Seaweeds Using Three Different Physical Pre-Treatment Strategies*. *Molecules* 25(8):2005-2015. (Jurnal [44]). <https://dx.doi.org/10.3390%2Fmolecules25082005>
- O'Connor, Kaori. (2017). *Seaweed: A Global History*. London (UK): Reaktion Books Ltd.
- Paiva, L., Elisabete Lima, Ana Isabel Neto, Massimo Marcone, & Jose Baptista. (2017). *Nutritional and functional bioactivity value of selected azorean macroalgae: *Ulva compressa*, *Ulva rigida*, *Gelidium microdon*, and *Pterocladia capillacea**. *Journal of Food Science* 82: 1757–1764. (Jurnal [50]). <https://doi.org/10.1111/1750-3841.13778>
- Paiva, Lisete, Elisabete Lima, Rita Ferreira Patarra, Ana Isabel Neto, dan Jose Baptista. (2014). *Edible Azorean Macroalgae as Source of Rich Nutrients with Impact on Human Health*. *Food Chemistry* 164:128-135. (Jurnal [17]). <https://doi.org/10.1016/j.foodchem.2014.04.119>
- Panda, D. & Sivakuma Manickam. (2019). *Review: Cavitation Technology-The Future of Greener Extraction Method: A Review on Extraction of Natural Products and Process Intensification Mechanism and Perspective*. *Applied Sciences* 9(4):766-786. <https://doi.org/10.3390/app9040766>
- Park, Chan Sun, Kyung Yang Park, Eun Kyoung Hwang, & Makoto Kakinuma. (2013). *Effects of Deep Seawater Medium on Growth and Amino Acid Profile of a Sterile *Ulva pertusa* Kjellman (Ulvaceae, Chlorophyta)*. *Journal of Applied Phycology* 25(3):781-786. (Jurnal [63]). <https://doi.org/10.1007/s10811-013-9985-7>
- Park, Jin-Seok, Yu-Rin Jeong, & Byung-Soo Chun. (2019). *Physiological Activities and Bioactive Compound from Laver (*Pyropia yezoensis*) hydrolysates by Using Subcritical Water Hydrolysis*. *The Journal of Supercritical Fluids* 148:130-136. (Jurnal [14]). <https://doi.org/10.1016/j.supflu.2019.03.004>
- Pawliszyn, Janusz (Editor Penanggungjawab). (2012). *Comprehensive Sampling and Sample Preparation: Analytical Technique for Scientists*. Cambridge (USA): Academic Press.
- Peinado, I., J. Giron, G. Koutsidis, dan J.M. Ames. (2014). *Chemical Composition, Antioxidant Activity and Sensory Evaluation of Five Different Species of Brown Edible Seaweeds*. *Food Research International* 66:36-44. (Jurnal [4]). <https://doi.org/10.1016/j.foodres.2014.08.035>

- Pico, Yolanda. (2012). *Chemical Analysis of Food Technique and Application*. Cambridge (USA): Academic Press.
- Pirian, Kiana, Zahra Zarei Jeliani, Jelveh Sohrabipour, Mitra Arman, Mohammad Mehdi Faghihi, & Morteza Yousefzadi. (2018). *Nutritional and Bioactivity Evaluation of Common Seaweed Species from the Persian Gulf*. Iranian Journal of Science and Technology 42:1795-1804. (Jurnal [24]). <https://doi.org/10.1007/s40995-017-0383-x>
- Povey, M.J.W. & Timothy J. Mason. (1998). *Ultrasound in Food Processing*. London (UK): Blackie Academic & Professional.
- PRISMA (*Preferred Reporting Items for Systematic Reviews and Meta-Analysis*). 2020. PRISMA 2020: Checklist, Flow Diagram, Statement, Explanation, and Elaboration. Diakses dari <https://prisma-statement.org/>
- Quiroz-Castañeda, R.E. dan Folch-Mallol, J.L. (2013). *Hydrolysis of Biomass Mediated by Cellulases for The Production of Sugars in Sustainable Degradation of Lignocellulosic Biomass-Techniques, Applications and Commercialization*. New York (USA): InTech North America.
- Rajalingam, D., Charles loftis, Jiashous J. Xu, dan Thallapuram Krishnaswamy S. Kumar. (2009). *Trichloroacetic Acid-Induced Protein Precipitation Involves The Reversible Association of A Stable Partially Structured Intermediate*. Protein Science 18(5):980-993. <https://doi.org/10.1002/pro.108>
- Rawlings, Neil D. & Guy Salvesen (Editor). (2013). *Handbook of Proteolytic Enzymes Third Edition*. London (UK): Academic Press.
- Richard, Burgess R. & Murray P. Deutscher. (2009). *Methods in Enzymology Volume 463: Guide to Protein Purification*. London (UK): Elsevier.
- Robertson, David and Gordon H. Williams (Editor). (2017). *Clinical and Translational Science: Principle of Human Research Second Edition*. Cambridge (USA): Academic Press.
- Robic, A., Sassi, J. F., & Lahaye, M. (2008). *Impact of Stabilization Treatments of the Green Seaweed *Ulva rotundata* (Chlorophyta) on the Extraction Yield, the Physico-chemical and Rheological Properties of Ulvan*. Carbohydrate Polymers 74(3): 344–352. <http://doi.org/10.1016/j.carbpol.2008.02.020>.
- Ronzio, Robert. (2003). *The Encyclopedia of Nutrition and Good Health Second Edition*. New York (USA): Fact On File Inc.

- Rosemary, Thomas, Abimannan Arulkumar, Sadayan Paramasivam, Alicia Mondragon-Portocarrero, & Jose Manuel Miranda. (2019). *Biochemical, Micronutrient and Physicochemical Properties of the Dried Red Seaweeds Gracilaria edulis and Gracilaria corticata*. *Molecules* 24(12):2225-2239. (Jurnal [33]). <https://doi.org/10.3390/molecules24122225>
- Rosenberg, Ian M. (1996). *Protein Analysis and Purification: Benchtop Techniques Second Edition*. New York (USA): Springer Science & Business Media.
- Rostagno, Mauricio A. & Juliana M. Prado (Editor). (2013). *Natural Product Extraction: Principle and Applications*. Cambridge (UK): The Royal Society of Chemistry (RSC).
- Rutherford, Shane M & G Sarwar Gilani. (2009). *Amino Acid Analysis*. *Current Protocol in Protein Science* 58(1):11.9.1-11.9.37. <https://doi.org/10.1002/0471140864.ps1109s58>
- Sakthivel, Ravi & Kasi Pandima Devi. (2015). *Evaluation of Physicochemical Properties, Proximate, and Nutritional Composition of Gracilaria edulis Collected from Palk Bay*. *Food Chemistry* 174:68-74. (Jurnal [13]). <https://doi.org/10.1016/j.foodchem.2014.10.142>
- Scopes, R. K. (1994). *Protein Purification: Principle and Practice Third Edition*. New York (USA): Springer Science+Business.
- Sharma, Sandeep, Luiza Neves, Jon Funderud, Liv Torunn Mydland, Margareth Overland, & Svein Jarle Horn. (2018). *Seasonal and Depth Variations in the Chemical Composition of Cultivated Saccharina latissima*. *Algal Research* 32:107-112. (Jurnal [54]). <https://doi.org/10.1016/j.algal.2018.03.012>
- Shen, Chang-Hui. (2019). *Diagnostic Molecular Biology*. Cambridge (USA): Academic Press.
- Show, Pau L., Chien Wei Ooi, dan Tau Chuan Liang. (2019). *Bioprocess Engineering Downstream Processing*. Boca Raton (USA): CRC Press.
- Shuuluka, Diina, John J. Bolton, & Robert J. Anderson. (2013). *Protein Content, Amino Acid Composition, and Nitrogen-to-Protein Conversion Factors of Ulva rigida and Ulva capensis from Natural Population and Ulva lactuca from an Aquaculture System, in South Africa*. *Journal of Applied Phycology* 25(2):677-685. (Jurnal [35]). [10.1007/s10811-012-9902-5](https://doi.org/10.1007/s10811-012-9902-5)

- Siegel, Jay A., Pekka J. Saukko, & Max M. Houck (Editor Penanggungjawab). (2013). *Encyclopedia of Forensic Sciences*. Cambridge (USA): Academic Press.
- Sikorski, Zdzislaw E. (Editor). (2001). *Chemical and Functional Properties of Food Proteins*. Boca Raton (USA): CRC Press.
- Sivaraman, T., T.K.S. Kumar, G Jayaraman, and C. Yu. (1997). *The Mechanism of 2,2,2-Trichloroacetic Acid-Induced Protein Precipitation*. *Journal of Protein Chemistry* 16(4):291-297. <https://doi.org/10.1023/a:1026357009886>
- Smith, R., Hiroshi Inomata, Cor Peters (Editor). (2013). *Introduction to Supercritical Fluids A Spreadsheet-based Approach*. Amsterdam (Netherlands): Elsevier.
- Sparkman, O. David, Zelda E. Penton, & Fulton G. Kitson. (2011). *Gas Chromatography and Mass Spectrometry: A Practical Guide Second Edition*. Cambridge (USA): Academic Press.
- Speinght, James G. (2017). *Environmental Organic Chemistry for Engineers*. Oxford (UK): Butterworth-Heinemann Elsevier.
- Speinght, James G. (2018). *Reaction Mechanisms in Environmental Engineering: Analysis and Prediction*. Oxford (UK): Butterworth-Heinemann Elsevier.
- Stabler, D., Eileen F. Power, Anne M. Borland, Jeremy D. Barnes, & Geraldine A. Wright. (2018). *A Method for Analysing Small Samples of Floral Pollen for Free and Protein-Bound Amino Acids*. *Methods in Ecology and Evolution* 9:430-438. <https://doi.org/10.1111/2041-210X.12867>
- Stanbury, P. F., Allan Whitaker, & Stephen J. Hall. (2016). *Principles of Fermentation Technology Third Edition*. Oxford (UK): Butterworth-Heinemann Elsevier.
- Stauffer, E., Julia A. Dolan, & Reta Newman. (2008). *Fire Debris Analysis*. Cambridge (USA): Academic Press.
- Stevant, Pierrick, Erlend Indergard, Aolalheieur Olafsdottir, Helene Marfaing, Wenche Emblem Larssen, Joel Fleurence, Michael Y. Roleda, Turid Rustad, Rasa Slizyte, & Tom Stale Nordtvedt. (2018). *Effects of Drying on the Nutrient Content and Physico-Chemical and Sensory Characteristics of the Edible Kelp*. *Journal of Applied Phycology* 30:2587-2599. (Jurnal [41]). [10.1007/s10811-018-1451-0](https://doi.org/10.1007/s10811-018-1451-0)
- Syad, Arif N., Karutha Pandian Shunmugiah, & Pandima Devi Kasi. (2013). *Seaweeds as Nutritional Supplements: Analysis of Nutritional Profile, Physicochemical Properties and Proximate Composition of G. acerosa and S. wightii*. *Biomedicine*

& Preventive Nutrition 3:139-144. (Jurnal [7]).
<https://doi.org/10.1016/j.bionut.2012.12.002>

Syed, S.H. Rizvi (Editor). (2010). *Separation, Extraction, Concentration Processes in the Food, Beverage, and Nutraceutical Industries*. England (UK): Woodhead Publishing.

Tabarsa, Mehdi, Masoud Rezaei, Zohreh Ramezanpour, dan Joseph Robert Waaland. (2012). *Chemical Composition of the Marine Algae Gracilaria salicornia (Rhodophyta) and Ulva lactuca (Chlorophyta) as a Potential Food Source*. Journal of the Science of Food and Agriculture 92(12):2500-2506. (Jurnal [60]).
<https://doi.org/10.1002/jsfa.5659>

Taboada, M.C., R. Millan, & M.I. Miguez. (2013). *Nutritional value of the marine algae wakame (Undaria pinnatifida) and nori (Porphyra purpurea) as food supplements*. Journal of Applied Phycology 25:1271-1276. (Jurnal [52]).
<https://doi.org/10.1007/s10811-012-9951-9>

Taleuzzaman, M, Ali S, Gilani SJ, Imam SS & Hafeez A. (2015). *Ultra Performance Liquid Chromatography (UPLC) - A Review*. Journal of Analytical Pharmaceutical Chemistry. 2(6): 1056.

Terriente-Palacios, Carlos, Isabel Diaz, & Massimo Castellari. (2019). *A Validated Ultra-Performance Liquid Chromatography with Diode Array Detection Coupled to Electrospray Ionization and Triple Quadrupole Mass Spectrometry Method to Simultaneously Quantify Taurine, Homotaurine, Hypotaurine and Amino Acids in Macro- and Microalgae*. Journal of Chromatography A 1589:83-92. (Jurnal [12]).
<https://doi.org/10.1016/j.chroma.2018.12.058>

Tiwari, Brijesh K. & Declan Troy. (2015). *Seaweed Sustainability: Food and Non-Food Applications*. Cambridge (USA): Academic Press.

Toldra, Fidel & Leo M.L. Nollet (Editor). (2021). *Handbook of Dairy Foods Analysis Second Edition*. Boca Raton (USA): CRC Press.

Tzia, Constantina & George Liadakis (Editor). (2003). *Extraction Optimization in Food Engineering*. New York: Marcel Dekker Inc.

Uribe, Elsa, Antonio Vega-Galves, Vivian Garcia, Alexis Pasten, Jessica Lopez, & Gabriela Goni. (2019). *Effect of Different Drying Methods on Phytochemical Content and Amino Acid and Fatty Acid Profiles of the Green Seaweed, Ulva spp.* Journal of Applied Phycology 31(3):1967-1979. (Jurnal [27]). [10.1007/s10811-018-1686-9](https://doi.org/10.1007/s10811-018-1686-9)

- Vaclavik, Vickie A. & Elizabeth W. Christian. (2008). *Essentials of Food Science Third Edition*. New York (USA): Springer.
- Valko, Klara I. (Editor). (2020). *Handbook of Analytical Separation Volume 8: Separation Method in Drug Synthesis and Purification*. Amsterdam (Netherlands): Elsevier.
- Varzakas, Theodoros & Constantina Tzia (Editor). (2016). *Handbook of Food Processing: Food Safety, Quality, and Manufacturing Processes*. Boca Raton (USA): CRC Press.
- Vekey, K., Andras Telekes, & Akos Vertes (Editor). (2008). *Medical Application of Mass Spectrometry*. Amsterdam (Netherlands): Elsevier Science.
- Verma, A.S., Surajit DAS, & Anchal Singh. (2014). *Laboratory Manual for Biotechnology*. India: S.CAND&co.
- Vieira, Elsa F., Soares Cristina, Susana Machado, Manuela Correia, Maria Joao R., Maria Teresa O., Ana Paula C., Valentina Fernandes D., Filipa Antunes, Teresa Azevedo C.O., Somine Morais, & Cristina Delerue-Matos. (2018). *Seaweeds from the Portuguese Coast as a Source of Proteinaceous Material: Total and Free Amino Acid Composition Profile*. *Food Chemistry* 269:264-275. (Jurnal [2]). <https://doi.org/10.1016/j.foodchem.2018.06.145>
- Waldron, H.A. (1989). *Occupational Health Practice Third Edition*. Oxford (UK): Butterworth-Heinemann Elsevier.
- Walsh, Gary. (2002). *Proteins Biochemistry and Biotechnology*. England (UK): Wiley.
- Wei, Gang & Sangamesh G. Kumbar (Editor). (2020). *Artificial Protein and Peptide Nanofibers: Design, fabrication, Characterization, and Applications*. England (UK): Woodhead Publishing.
- Wen, S., Jian Liu, & Jiushuai Deng. (2019). *Fluid Inclusion Effect in Floatation of Sulfide Minerals*. Amsterdam (Netherlands): Elsevier Science.
- Wexler, Philip (Editor Penanggungjawab). (2014). *Encyclopedia of Toxicology Third Edition*. Academic Press, USA.
- Wilson, Ian D. (Editor Penanggungjawab). (2000). *Encyclopedia of Separation Science*. Cambridge (USA): Academic Press.

- Winter, Ruth M.S. (2009). *A Consumer's Dictionary of Food Additives: Description in Plain English of More Than 12.000 Ingredients Both Harmful and Desirable Found in Foods*. New York (USA): Three Rivers Press.
- Wong, Kahing dan Peter Chikeung Cheung. (2001). *Influence of Drying Treatment on Three Sargassum Species 2: Protein Extractability, In Vitro Protein Digestibility, and Amino Acid Profile of Protein Concentrates*. *Journal of Applied Phycology* 13(1):51-58. <https://doi.org/10.1023/A:1008188830177>
- Worsfold, P., Alan Townshend & Colin Poole (Editor Penanggungjawab). (2005). *Encyclopedia of Analytical Science Second Edition*. Amsterdam (Netherlands): Elsevier.
- Worsfold, P., Colin Poole, Alan Townshend, & Manuel Miró (Editor Penanggungjawab). (2019). *Encyclopedia of Analytical Science Third Edition*. Amsterdam (Netherlands): Elsevier.
- Yaich, Hela, Haikel Garna, Souhail Besbes, Michel Paquot, Christophe Blecker, & Hamadi Attia. (2011). *Chemical Composition and Functional Properties of Ulva Lactuca Seaweed Collected in Tunisia*. *Food Chemistry* 128:895-901. (Jurnal [9]). <https://doi.org/10.1016/j.foodchem.2011.03.114>
- Zhong, Jian & Xichang Wang (Editor). (2019). *Evaluation Technologies for Food Quality*. England (UK): Woodhead Publishing.
- Zhou, April Yongdong, John Robertson, Nazimah Hamid, Qianli Ma, & Jun Lu. (2015). *Changes in Total Nitrogen and Amino Acid Composition of New Zealand Undaria pinnatifida with Growth, Location, and Plant Parts*. *Food Chemistry* 186:319-325. (Jurnal [56]). <https://doi.org/10.1016/j.foodchem.2014.06.016>