

## DAFTAR PUSTAKA

- American Psychiatric Association. 2013. *Diagnostic and Statistical Manual of Mental Disorders: DSM-5*, 5<sup>th</sup> ed. Washington, DC: American Psychiatric Association Publishing, Section II, Depressive Disorders.
- American Psychiatric Association. 2016. *Anxiety Disorders: DSM-5(R) Selections*. Virginia: American Psychiatric Association.
- Amitani, M., A. Asakawa, H. Amitani, dan A. Inui. 2013. The role of leptin in the control of insulin-glucose axis. *Frontiers in Neuroscience* 7(51): 1-12.
- Badan Penelitian dan Pengembangan Kesehatan. 2008. *Riset Kesehatan Dasar (RISKESDAS) 2007*. Jakarta: Badan Penelitian dan Pengembangan Kesehatan, Departemen Kesehatan, Republik Indonesia.
- [BPOM] Badan Pengawas Obat dan Makanan. 2018. Peraturan Badan Pengawas Obat dan Makanan Nomor 5 Tahun 2018 tentang Batas Maksimum Cemaran Logam Berat dalam Pangan Olahan. Jakarta: BPOM.
- Banerjee, N. 2014. Neurotransmitters in alcoholism: A review of neurobiological and genetic studies. *Indian Journal of Human Genetics* 20(1): 20-32.
- Banks, W.A., S.A. Farr, T.S. Salameh, M.L. Niehoff, E.M. Rhea, J.E. Morley, A.J. Hanson, K.M. Hansen, dan S. Craft. 2018. Triglycerides cross the blood-brain barrier and induce central leptin and insulin receptor resistance. *International Journal of Obesity* 42: 391-397.
- Barter, P.J. dan K. Rye. 2006. Cardioprotective Properties of Fibrates: Which Fibrate, Which Patients, What Mechanism? *Circulation* 113:1553-1555.
- Barter, P.J. dan K. Rye. 2008. Is There a Role for Fibrates in the Management of Dyslipidemia in the Metabolic Syndrome? *Arteriosclerosis, Thrombosis, and Vascular Biology* 28: 39-46.
- Baynes, J.W. dan M.H. Dominiczak. 2014. *Medical Biochemistry*, Fourth edition. Beijing: Elsevier, hal. 24-26, 154-155, 157, 211.
- Belzung, C. 2010. Open-Field Test. In: I. Stolerman (Ed). *Encyclopedia of Psychopharmacology*. Berlin: Springer, hal. 924.
- Berglund, L., J.D. Brunzell, A.C. Goldberg, I.J. Goldberg, F. Sacks, M.H. Murad, dan A.F.H. Stalenhoef. 2012. Evaluation and Treatment of Hypertriglyceridemia: An Endocrine Society Clinical Practice Guideline. *Journal of Clinical Endocrinology & Metabolism* 97(9): 2969-2989.
- Bettelheim, F.A. W.H. Brown, M.K. Campbell, dan S.O. Farrell. 2010. *Introduction to General, Organic and Biochemistry*. California: Brooks/Cole, hal. 546-548.
- Bianchi, M., C. Moser, C. Lazzarini, E. Vecchiato, dan F. Crespi. 2002. Forced swimming test and fluoxetine treatment: in vivo evidence that peripheral 5-HT in rat platelet-rich plasma mirrors cerebral extracellular 5-HT levels, whilst 5-HT in isolated platelets mirrors neuronal 5-HT changes. *Experimental Brain Research* 143(2): 191-197.
- Braissant, O., F. Fufelle, C. Scotto, M. Dauça, dan W. Wahli. 1996. Differential Expression of Peroxisome Proliferator-Activated Receptors (PPARs): Tissue Distribution of PPAR- $\alpha$ , - $\beta$ , and - $\gamma$  in the Adult Rat. *Endocrinology* 137(1): 354-366.
- Bryda, E.C. 2013. The Mighty Mouse: The Impact of Rodents on Advances in Biomedical Research. *Missouri Medicine* 110(3): 208-211.

- Cannon, J.G. 2007. *Pharmacology for Chemists*, Second Edition. New York: Oxford University Press, p. 77, 79-80.
- Carlson, L.A. 2005. Nicotinic acid: the broad-spectrum lipid drug, A 50<sup>th</sup> anniversary review. *Journal of Internal Medicine* 258: 94-114.
- Casarrubea, M., M.S. Magnusson, G.D. Giovanni, V. Roy, A. Arabo, A. Santangelo, dan G. Crescimanno. 2016. Application of T-Pattern Analysis in the Study of Rodent Behavior: Methodological and Experimental Highlights. In: M.S. Magnusson, J.K. Burgoon, and M. Casarrubea (Eds). *Discovering hidden temporal patterns in behavior and interaction: t-pattern detection and analysis with THEME™*. New York: Springer, hal. 217-235.
- Checkley, S. 1996. The neuroendocrinology of depression and chronic stress. *British Medical Bulletin* 52(3): 597-617.
- Clark, D.L., N.N. Boutros, dan M.F. Mendez. 2010. *The Brain and Behavior: An Introduction to Behavioral Neuroanatomy*, Third Edition. Cambridge: Cambridge University Press, p. 130.
- Cicik, B. dan K. Engin. 2005. The Effects of Cadmium on Levels of Glucose in Serum and Glycogen Reserves in the Liver and Muscle Tissues of *Cyprinus carpio* (L., 1758). *Turkish Journal of Veterinary and Animal Science* 29: 113-117.
- Conti, M.E. dan M. Iacobucci. 2008. Marine organisms as biomonitors. In: M.E. Conti (Ed). *Biological Monitoring: Theory & Applications: Bioindicators and Biomarkers for Environmental Quality and Human Exposure Assessment*. Southampton: WIT Press, hal. 87.
- Cranshaw, W. dan R. Redak. 2013. Bug's Rule!: An Introduction to the World of Insects. New Jersey: Princeton University Press, hal. 472.
- D'souza, A.M., U.H. Neumann, M.M. Glavas, dan T.J. Kieffer. 2017. The glucoregulatory actions of leptin. *Molecular metabolism* 6(9): 1052-1065.
- Davis, S.N., E.M. Lamos, dan L.M. Younk. 2016. Hypoglycemia and Hypoglycemic Syndromes. Dalam: Jameson, J.L., L.J. De Groot, D. de Kretser, L.C. Giudice, A. Grossman, S. Melmed, J.T. Potts, G.C. Weir (Ed). *Endocrinology: adult & pediatric*, 7th edition. Philadelphia: Saunders, hal. 820-821.
- DiaSys Diagnostic Systems. 2015. *Triglycerides FS*. Holzheim: DiaSys Diagnostic Systems GmbH, hal. 1-2.
- Engelking, L.R. 2015. *Textbook of Veterinary Physiological Chemistry*. London: Academic Press, hal. 463.
- Estanislau, C., A.C. Ramos, P.D. Ferraresi, N.F. Costa, H.M.C.P. de Carvalho, dan S. Batistela. 2011. Individual differences in the elevated plus-maze and the forced swim test. *Behavioural Processes* 86: 46-51.
- Falade, A.O. dan G. Oboh. 2015. Thermal Oxidation Induces Lipid Peroxidation and Changes in the Physicochemical Properties and  $\beta$ -Carotene Content of *Arachis* Oil. *International Journal of Food Science* Article ID 806524
- Feitosa, M.L., S.F. Zanini, D.R. de Sousa, E. Fantuzzi, T.C.L. Carraro, C.A. Pinto, R.M. Bertoni, dan G.L. Colnago. 2016. Glucose and lipid profile of obese dogs fed with different starchy sources. *Ciência Rural* 46(12): 2189-2194.

- Forster, J. dan R. Radulovich. 2015. Seaweed and food security. In: B.K. Tiwari & D. Troy (Eds). *Seaweed Sustainability: Food and Non-Food Applications*. California: Academic Press, hal. 306-307.
- Foster, J.R. dan D. Frost. 2018. The History of the Rat. In: A.W. Suttie, J.R. Leininger, & A.E. Bradley (Eds). *Boorman's Pathology of the Rat: Reference and Atlas* Second Edition. London: Academic Press, hal. 2-3.
- Fox, M.E., dan M.K. Lobo. 2019. The molecular and cellular mechanisms of depression: a focus on reward circuitry. *Molecular Psychiatry* 24: 1798-1815.
- Frick, M.H. et al. 1987. Helsinki Heart Study: Primary-Prevention Trial with Gemfibrozil in Middle-Aged Men with Dyslipidemia. *The New England Journal of Medicine* 317: 1237-1245.
- Fuchs, E. dan G. Flügge. 2006. Experimental animal models for the simulation of depression and anxiety. *Dialogues in Clinical Neuroscience* 8(3): 323-333.
- Garrison, M. dan N. Dayan. 2011. Formulating Cosmetics with Natural Oils, Fats, Butters, and Waxes. Dalam: N. Dayan dan L. Kromidas (Ed). *Formulating, Packaging, and Marketing of Natural Cosmetic Products*. New Jersey: John Wiley & Sons, hal. 217.
- Ge, T., J. Fan, W. Yang, R. Cui, & B. Li. 2018. Leptin in depression: a potential therapeutic target. *Cell Death & Disease* (2018)9: 1096.
- Godard, M., K. Décordé, E. Ventura, G. Soteras, J-C. Baccou, J-P. Cristol, dan J-M. Rouanet. 2009. Polysaccharides from the green alga *Ulva rigida* improve the antioxidant status and prevent fatty streak lesions in the high cholesterol fed hamster, an animal model of nutritionally-induced atherosclerosis. *Food Chemistry* 115(1): 176-180.
- Guiry, W dalam M.D. Guiry dan G.M. Guiry. 2020. *Ulva lactuca* Linnaeus (Daring). AlgaeBase. World-wide electronic publication, National University of Ireland, Galway. Diakses 17 Januari 2020. [https://www.algaebase.org/search/species/detail/?species\\_id=39](https://www.algaebase.org/search/species/detail/?species_id=39)
- Hasler, G., W.C. Drevets, H.K. Manji, dan D.S. Charney. 2004. Discovering Endophenotypes for Major Depression. *Neuropsychopharmacology* 29: 1765-1781.
- Hassan, S., S.A. El-Twab, M. Hetta, dan B. Mahmoud. 2011. Improvement of lipid profile and antioxidant of hypercholesterolemic albino rats by polysaccharides extracted from the green alga *Ulva lactuca* Linnaeus. *Saudi journal of biological sciences* 18: 333-340.
- Haybar, H., M. Goudarzi, S. Mehrzadi, A. Aminzadeh, M.J. Khodayar, M. Kalantar, and I. Fatemi. 2019. Effect of gemfibrozil on cardiotoxicity induced by doxorubicin in male experimental rats. *Biomedicine & Pharmacotherapy* 109: 530-535.
- Holness, M., M. Sugden, dan J. Naish. 2015. Energy metabolism. Dalam: J. Naish dan D.S. Court (Ed). *Medical Sciences*, 2nd edition. Beijing: Saunders, hal. 78.
- Hu, C., Y. Luo, H. Wang, S. Kuang, G. Liang, Y. Yang, S. Mai., dan J. Yang. 2017. Re-evaluation of the interrelationships among the behavioral tests in rats exposed to chronic unpredictable mild stress. *PLoS ONE* 12(9): e0185129.

- Hurd, C.L., P.J. Harrison, K. Bischof, dan C.S. Lobban. 2014. *Seaweed Ecology and Physiology*, Second Edition. Cambridge: Cambridge University Press, hal. 11.
- Hussain, M.M. 2014. Intestinal Lipid Absorption and Lipoprotein Formation. *Current Opinion in Lipidology* 25(3): 200-206.
- Idris, C.A.C., K. Sundram, dan A.F.A. Razis. 2018. Effect of Consumption Heated Oils with or without Dietary Cholesterol on the Development of Atherosclerosis. *Nutrients* 10(10): 1527.
- Ikuta, T., K. Matsuo, K. Harada, M. Nakashima, T. Hobara, N. Higuchi, F. Higuchi, K. Otsuki, T. Shibata, T. Watanuki, T. Matsubara, H. Yamagata, dan Y. Watanabe. 2017. Disconnectivity between Dorsal Raphe Nucleus and Posterior Cingulate Cortex in Later Life Depression. *Frontiers in Aging Neuroscience* 9(236): 1-6.
- Institute for Health Metrics and Evaluation. 2017. GBD Compare (Daring). Diakses 26 Juli 2020. <https://vizhub.healthdata.org/gbd-compare/>
- Iskandar, W.Y. Budianto, dan E. Suhartono. 2017. Effect of Cadmium Exposure on Increasing Risk of Diabetes Melitus through the Measurement of Blood Glucose Level and Liver Glucokinase Activity in Rats. *Buletin Kedokteran* 13(2): 137-145.
- Isdadiyanto, S., A.J. Sitasiwi, dan S.M. Mardiaty. 2020. The lipid profile of rats (*Rattus norvegicus* L.) induced by high fat ration after exposed to ethanolic neem (*Azadirachta indica*) leaf extract. *Journal of Physics: Conference Series* 1524, 012126: 1-5.
- Iwaniuk, A.N. 2005. Evolution. Dalam: I.Q. Whishaw & B. Kolb (Eds). *The Behavior of the Laboratory Rat: A Handbook with Tests*. New York: Oxford University Press, hal. 3-12.
- Jacob, H.J. 1999. Functional Genomics and Rat Models. *Genome Research* 9:1013-1016.
- Jameel, M.K. dan A.R. Joshi. 2015. Effect of acute stress on serum cortisol level in female wistar rats. *International Journal of Healthcare and Biomedical Research* 03(04): 109-113.
- James, S.L. dkk. 2018. Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. *The Lancet* 392(10159): 1789-1858.
- Jeng, J-R., C-Y. Jeng, W.H-H. Sheu, M.M-S. Lee, S-H. Huang, and S-M. Shieh. 1997. Gemfibrozil treatment of hypertriglyceridemia: Improvement on fibrinolysis without change of insulin resistance. *American Heart Journal* 134(3): 565-571.
- Jiao, G., G. Yu, J. Zhang, dan H.S. Ewart. 2011. Chemical Structures and Bioactivities of Sulfated Polysaccharides from Marine Algae. *Marine Drugs* 9(2): 196-223.
- Kalueff, A.V., A.M. Stewart, C. Song, K.C. Berridge, A.M. Graybiel, dan J.C. Fentress. 2016. Neurobiology of rodent self-grooming and its value for translational neuroscience. *Nature Reviews Neuroscience* 17(1): 45-59.
- Kamel, M.M., A.H.A.E. Razek, K.A. Ahmed, and G.M. Kamel. 2011. Exposure of Adult Male Rats to Cadmium: Assessment of Sexual Behaviour, Fertility, Aggression as well as Anxiety like Behaviour with Special



- Reference to Biochemical and Pathological Alterations. *Life Science Journal* 8(2): 106-120.
- Kato, S. dkk. 2018. Determination of triacylglycerol oxidation mechanisms in canola oil using liquid chromatography-tandem mass spectrometry. *npj Science of Food* 2(1).
- Kenya, A. and C.K. Vuyiya. 2020. The Neurobiological Effect of Anxiety and Depression on Memory in Academic Learning: A Literature Review. *Journal of Contemporary Chiropractic* 3(1): 36-44.
- Kohn, D.F. dan S.W. Barthold. 1984. Biology and Diseases of Rats. Dalam: J.G. Fox, B.J. Cohen, & F.M. Loew (Ed). *Laboratory Animal Medicine*. Florida: Academic Press, hal. 92.
- Koolhaas, J.M. 2010. The laboratory rat. Dalam: R. Hubrecht & J. Kirkwood (Ed). *The UFAW Handbook on The Care and Management of Laboratory and Other Research Animals*, Eighth Edition. Oxford: Wiley-Blackwell, hal. 312-314.
- Lamprea, M.R., F.P. Cardenas, J. Setem, dan S. Morato. 2008. Thigmotactic responses in an open-field. *Brazilian Journal of Medical and Biological Research* 41: 135-140.
- Lamtai, M., dkk. 2018. Effect of Chronic Administration of Cadmium on Anxiety-Like, Depression-Like and Memory Deficits in Male and Female Rats: Possible Involvement of Oxidative Stress Mechanism. *Journal of Behavioral and Brain Science* 8: 240-268.
- Lawson, E.A., K.K. Miller, J.I. Blum, E. Meenaghan, M. Misra, K.T. Eddy, D.B. Herzog, and A. Klibanski. 2012. Leptin Levels are Associated with Decreased Depressive Symptoms in Women Across the Weight Spectrum, Independent of Body Fat. *Clinical Endocrinology* 76(4): 520-525.
- Lu, X-Y. 2007. The leptin hypothesis of depression: a potential link between mood disorders and obesity. *Current Opinion in Pharmacology* 7(6): 648-652.
- Lubis, N., H. Krisnani, dan M. Fedryansyah. 2015. Pemahaman Masyarakat Mengenai Gangguan Jiwa dan Keterbelakangan Mental. *Share Social Work Journal* 4(2): 137-142.
- Lucki, I. 2010. Behavioral Despair. Dalam: I. Stolerman (Ed). *Encyclopedia of Psychopharmacology*. Berlin: Springer, hal. 202.
- Magara, S., S. Holst, S. Lundberg, E. Roman, and M. Lindskog. 2015. Altered explorative strategies and reactive coping style in the FSL rat model of depression. *Frontiers in Behavioral Neuroscience* 9(89): 1-13.
- Mann, J.J. 1999. Role of the Serotonergic System in the Pathogenesis of Major Depression and Suicidal Behavior. *Neuropsychopharmacology* 21(25): 100S-105S
- Molendijk, M.L. dan E.R. de Kloet. 2015. Immobility in the forced swim test is adaptive and does not reflect depression. *Psychoneuroendocrinology* 62: 389-391.
- Moreno-Fernández, S., M. Garcés-Rimón, G. Vera, J. Astier, J.F. Landrier, dan M. Miguel. 2018. High Fat/High Glucose Diet Induces Metabolic Syndrome in an Experimental Rat Model. *Nutrients* 10(10): 1502.
- Morton, G.J. dan M.M. Schwartz. 2011. Leptin and the CNS Control of Glucose Metabolism. *Physiological Reviews* 91(2): 389-411.

- Mulyati, A.C. Yulistiyanto, M. Hersasanti, dan Z. Rais. 2019. Potensi Nutriulva sebagai Suplemen Hematologis. Laporan Penelitian Kolaborasi Dosen dan Mahasiswa 2019 Fakultas Biologi Universitas Gadjah Mada, hal. 1-18.
- Musser, G.G. dan M.D. Carleton. 2005. Order Rodentia. Dalam: D.E. Wilson and D.M. Reeder (Ed). *Mammal Species of the World: A Taxonomic and Geographic Reference*, Volume 2, 3rd ed. Maryland: The Johns Hopkins University Press, hal. 1478.
- Nurmiyati. 2013. Keragaman, Distribusi dan Nilai Penting Makro Alga di Pantai Sepanjang Gunung Kidul. *Bioedukasi* 6(1):12-21.
- Ozansoy, G., B. Akin, F. Aktan, dan Ç. Karasu. 2001. Short-term gemfibrozil treatment reverses lipid profile and peroxidation but does not alter blood glucose and tissue antioxidant enzymes in chronically diabetic rats. *Molecular and Cellular Biochemistry* 216: 59-63.
- Pagotto, U. 2009. Where Does Insulin Resistance Start? *Diabetes Care* 32(2): 5174-5177.
- Pan, X. and M.M. Hussain. 2012. Gut triglyceride production. *Biochimica et Biophysica Acta* 1821(5): 727-735.
- Panzoldo, N.B., A. Urban, E.S. Parra, R. Oliveira, V.S. Zago, L.R. da Silva, and E.C. de Faria. 2011. Differences and similarities of postprandial lipemia in rodents and humans. *Lipids in Health and Disease* 10: 86.
- Park, J.M., H.Y. Bong, H.I. Jeong, Y.K. Kim, J.Y. Kim, dan O. Kwon. 2009. Postprandial hypoglycemic effect of mulberry leaf in Goto-Kakizaki rats and counterpart control Wistar rats. *Nutrition Research and Practice* 3(4): 272-278.
- Park, H. dan R. S. Ahima. 2015. Physiology of leptin: energy homeostasis, neuroendocrine function and metabolism. *Metabolism* 64(1): 24-34.
- Pinto, M.E.A., S.G. Araujo, M.I. Morais, N.P. Sa, C.M. Lima, C.A. Rosa, E.P. Siqueira, S. Johann, dan L.A.R.S. Lima. 2017. Antifungal and antioxidant activity of fatty acid methyl esters from vegetable oils. *Annals of the Brazilian Academy of Sciences* 89(3): 1671-1681.
- Planchez, B., A. Surget, dan C. Belzung. 2019. Animal models of major depression: drawbacks and challenges. *Journal of Neural Transmission* 126: 1383-1408.
- Prasetyaningsih, A. dan D. Rahardjo. 2016. Keanekaragaman dan Bioaktivitas Senyawa Aktif Makroalga Pantai Wediombo Kabupaten Gunung Kidul. *Jurnal Agrisains* 17(1): 107-115.
- Rasyid, A. 2017. Evaluation of Nutritional Composition of The Dried Seaweed *Ulva lactuca* from Pameungpeuk Waters, Indonesia. *Tropical Life Sciences Research* 28(2): 119-125.
- Rioux, L.E. dan S.L. Turgeon. 2015. Seaweed Carbohydrates. In: B.K. Tiwari & D. Troy (Ed). *Seaweed Sustainability: Food and Non-Food Applications*. California: Academic Press, hal. 175-176.
- Robertson, M.D., R.A. Henderson, G.E. Vist, dan D.E. Rumsey. 2002. Extended effects of evening meal carbohydrate-to-fat ratio on fasting and postprandial substrate metabolism. *The American Journal of Clinical Nutrition* 75(3): 505-510.

- Rosenthal, L.D. dan J.R. Burchum. 2018. *Lehne's Pharmacotherapeutics for Advanced Practice Providers*. Elsevier. Missouri, p. 52.
- Sahin, Z., H. Solak, A. Koc. R.O. Koca, A. Ozkurkculer, P. Cakan, Z.I.S. Gormus, S. Kutlu, dan H. Kelestimur. 2018. Long-term metabolic cage housing increases anxiety/depression-related behaviours in adult male rats. *Archives of Physiology and Biochemistry*  
DOI: 10.1080/13813455.2018.1441314.
- Sathivel, A., H.R.B. Raghavendran, P. Srinivasan, dan T. Devaki. 2008. Anti-peroxidative and anti-hyperlipidemic nature of *Ulva lactuca* crude polysaccharide on D-Galactosamine induced hepatitis in rats. *Food and Chemical Toxicology* 46(10): 3262-3267.
- Scinicariello, F. dan M.C. Buser. 2015. Blood Cadmium and Depressive Symptoms in Young Adults (20-39 years). *Psychological Medicine* 45(4): 807-815.
- Sestakova, N., A. Puzserova, M. Kluknavsky, and I. Bernatova. 2013. Determination of motor activity and anxiety-related behavior in rodents: methodological aspects and role of nitric oxide. *Interdisciplinary Toxicology* 6(3):126-135.
- Silva, M.E., A.A. Pupo, dan M.J. Ursich. 1987. Effects of a high-carbohydrate diet on blood glucose, insulin and triglyceride levels in normal and obese subjects and in obese subjects with impaired glucose tolerance. *Brazilian Journal of Medical and Biological Research* 20(3-4): 339-350.
- Slattery, D.A. dan J.F. Cryan. 2017. Modelling depression in animals: at the interface of reward and stress pathways. *Psychopharmacology* 234(9-10): 1451-1465.
- Smolinsky, A.N., C.L. Bergner, J.L. LaPorte, dan A.V. Kalueff. 2005. Analysis of Grooming Behavior and Its Utility in Studying Animal Stress, Anxiety, and Depression. *Neuromethods* 42: 21-36.
- Söderlund, J. dan M. Lindskog. 2018. Relevance of Rodent Models of Depression in Clinical Practice: Can We Overcome the Obstacles in Translational Neuropsychiatry? *International Journal of Neuropsychopharmacology* 21(7): 668-676.
- Taber, K.H., D.N. Black, L.J. Porrino, R.A. Hurley. 2012. Neuroanatomy of Dopamine: Reward and Addiction. *The Journal of Neuropsychiatry and Clinical Neurosciences* 24:1
- Takeoka, G.R., G.H. Full, dan L.T. Dao. 1997. Effect of Heating on the Characteristics and Chemical Composition of Selected Frying Oils and Fats. *Journal of Agricultural Food Chemistry* 45: 3244-3249.
- Tseng, C.K. dan C.F. Chang. 1984. Chinese seaweeds in herbal medicine. Dalam: C.J. Bird & M.A. Ragan (Ed). *Eleventh International Seaweed Symposium*. Dordrecht: Dr. W. Junk Publishers, hal. 152-154.
- Valente, D., I. Golani, dan P.P. Mitra. 2007. Analysis of the Trajectory of *Drosophila melanogaster* in a Circular Open Field Arena. *PLoS ONE* 2(10): e1083.
- Walz, N., A. Muhlberger, dan P. Pauli. 2016. A Human Open Field Test Reveals Thigmotaxis Related to Agoraphobic Fear. *Biological Psychiatry* 80: 390-397.

- Wang, Z. Y. Yuexin, X. Xiang, Y. Zhu, J. Men, M. He. 2010. Estimation of the normal range of blood glucose in rats. *Wei sheng yan jiu = Journal of hygiene research*. 39: 133-137, 142.
- Westphal, S., J. Dierkes, dan C. Luley. 2001. Effects of fenofibrate and gemfibrozil on plasma homocysteine. *The Lancet* 358(9275): 39-40.
- White, W.L. dan P. Wilson. 2015. World seaweed utilization. Dalam: B.K. Tiwari dan D. Troy (Ed). *Seaweed Sustainability: Food and Non-Food Applications*. California: Academic Press, hal. 9.
- Widyaningsih, W., N. Salamah, dan F.Q. Maulida. 2016. The effects of ethanolic extract of green algae (*Ulva lactuca* L.) on blood cholesterol levels in male rats induced by a high fat diet. *Jurnal Kedokteran dan Kesehatan Indonesia* 7(5): 181-186.
- World Health Organization. 2017. *Depression and Other Common Mental Disorders: Global Health Estimates*. Geneva: WHO Document Production Services, hal. 20
- Yang, J., Y. Pei, Y-L. Pan, J. Jia, C. Shi, Y. Yu, J-H. Deng, B. Li, X-L. Gong, X. Wang, X-M. Wang, dan X. Ma. 2013. Enhanced Antidepressant-Like Effects of Electroacupuncture Combined with Citalopram in a Rat Model of Depression. *Evidence-Based Complementary and Alternative Medicine* 107380.
- Yankelevitch-Yahav, R., M. Franko, A. Huly, dan R. Doron. 2015. The Forced Swim Test as a Model of Depressive-like Behavior. *Journal of Visualized Experiments* (97): e52587.
- Yu-Qing, T., K. Mahmood, R. Shehzadi, dan M.F. Ashraf. 2016. *Ulva lactuca* and its Polysaccharides: Food and Biomedical Aspects. *Journal of Biology, Agriculture and Healthcare* 6(1): 140-151.
- Yuan, G., K.Z. Al-Shali, dan R.A. Hegele. 2007. Hypertriglyceridemia: its etiology, effects and treatment. *Canadian Medical Association Journal* 176(8): 1113-1120.
- Zeb, A. and A. Akbar. 2018. Ellagic Acid Suppresses the Oxidative Stress Induced by Dietary-Oxidized Tallow. *Oxidative Medicine and Cellular Longevity* Article ID 7408370.
- Zicha, J., O. Pechánová, S. Čáčányiová, M. Cebová, F. Kristek, J. Török, F. Šimko, Z. Dobešová, dan J. Kuneš. 2006. Hereditary Hypertriglyceridemic Rat: a Suitable Model of Cardiovascular Disease and Metabolic Syndrome? *Physiological Research* 55(Suppl.1): S49-S63.