

DAFTAR PUSTAKA

- Abidin, Z. 2016. Efek Ekstrak Etanol *Oryza sativa* L. *indica* terhadap Aktivitas Protein Kinase B dan Kadar CA 15-3 Serum pada Tikus *Sprague dawley* Betina. *Ejournal Kesehatan Indonesia*, 4(3): 187-190.
- Adan, A., Alizada, G., Kiraz, Y., Baran, Y., and Nalbant, A. 2017. Flow Cytometry: Basic Principles and Applications. *Critical Reviews in Biotechnology*, 37(2): 163-176.
- Aka, J.A., and Lin, S.X. 2012. Comparison of Functional Proteomic Analyses of Human Breast Cancer Cell Lines T47D and MCF7. *PLoS ONE*, 7(2): 1-9.
- Al-Ghamdi, S.S.A. 2008. Time and Dose Dependent Study of Doxorubicin Induced du-145 Cytotoxicity. *Drug Metabolism Letters*, 2 (1): 1-4.
- Anderson, C.C., Khatri, M., and Roede, J.R. 2020. Time-dependent simvastatin administration enhances doxorubicin toxicity in neuroblastoma. *Toxicology Reports*, (2020): 520-528.
- Annisaa, E., Sasikirana, W., Ekawati, N., and Dini, I.R.E. 2021. Correlation Between Antioxidant and Cytotoxic Activity of Parijoto (*Medinilla speciosa* Blume) Fractions in 4T1 Cell Line. *Indonesian Journal of Cancer Chemoprevention*, 12(1): 21-27.
- Apriani, R., Gaffar, S., and Herlina, T. 2019. Cytotoxic Activity of Ethyl Acetate Fraction *Moringa oleifera* Leaves and Its Effect on Apoptosis Induction Against T47D Breast Cancer Cell Line. *Jurnal Ilmiah Farmako Bahari*, 10(1): 9-16.
- Bae, I.Y., An, J.S., Oh, I.K., and Lee., H.G. 2017. Optimized Preparation of Anthocyanin-rich Extract from Black Rice and Its Effects on In Vitro Digestibility. *Food Science Biotechnology*, 26(5): 1415-1422.
- Bahuguna, A., Khan, I., Bajpai, V.K., and Kang, S.C. 2017. MTT Assay to Evaluate the Cytotoxic Potential of A Drug. *Bangladesh Journal Pharmacology*, 12: 115-118.

- Bignold, L. P. 2020. Growth of cells, growth factors, and oncogenes. *Principles of Tumors*, 87–104.
- Brooks, E.A., Galarza, S., Gencoglu, M.F., Cornelison, R.C., Munson, J.M., and Peyton, S.R. 2018. Applicability of Drug Response Metrics for Cancer Studies using Biomaterials. *bioRxiv* : 1-15. <https://doi.org/10.1101/408583>
- Buanasari., Eden, W.T., and Solichah, A.I. 2017. Extraction of Phenolic Compounds from Petai Leaves (*Parkia speciosa* Hassk.) Using Microwave and Ultrasound Assisted Methods. *Jurnal Bahan Alam Terbarukan*, 6(1): 25-31.
- Buranaamnuay, K. 2021. The MTT assay application to measure the viability of spermatozoa: A variety of the assay protocols. *Open Veterinary Journal*, 11(2): 251-269.
- Cacique, A.P., Barbosa, E.S., Pinho, G.P., and Silverio, F.O. 2020. Maceration extraction conditions for determining the phenolic compounds and the antioxidant activity of *Catharanthus roseus* (L.) G. Don. *Ciência e Agrotecnologia*, 44 : 1-12.
- Choi, M.J., Kim, H.Y., and Cho, E.J. 2012. Anti-aging Effect of Black Rice Against H₂O₂-induced Premature Senescence. *Journal of Medicinal Plant Research*, 8(20): 3672-3680.
- Christanto, D.R., Mose, J.C., Yuniarti, T., Bestari, M.B., Fauziah, P.N., Purwestri, Y.A., and Munthe, J.N. 2021. Anti-angiogenic Effect of Black Rice Bran (*Oryza sativa* L. 'Sembada Hitam') on Soluble Fms-Like Tyrosine Kinase and Placental Growth Factor in Preeclampsia. *Systematic Reviews in Pharmacy*, 12(1): 1594-1597.
- Damasuri, A.R., Sholikhah, E.N., and Mustofa. 2020. Cytotoxicity of ((E)-1-(4-aminophenyl)-3-phenylprop-2-en-1-one)) on Helacell line. *Indonesian Journal of Pharmacology and Therapy*, 1(2): 54-59.
- Davis, J.M. 2011. *Animal Cell Culture Essential Methods*. Wiley-Blackwell, West Sussex. P 121-123.
- Dewatisari, W.F., Rumiyantri, L., dan Rakhmawati, I. 2017. Rendemen dan Skrining Fitokimia pada Ekstrak Daun *Sansevieria* sp. *Jurnal Penelitian Pertanian Terapan*, 17 (3): 197-202.

- Dimarti, S.C., Susilaningsih, N., and Yuniati, R. 2020. Phycocyanin from *Spirulina platensis* Induces Cytotoxicity and Apoptosis in T47D Cells. *Biosaintifika: Journal of Biology & Biology Education*, 12(1): 28-34.
- Elmore, S. 2007. Apoptosis: A Review of Programmed Cell Death. *Toxicology pathology*, 35(4): 495-516.
- Fasya, A.G., Dinasti, A.R., Syofiyah, M., Rahmawati, L.M., Millati, N., Safitri, D.A., Handoko, S., Hanapi, A., dan Ningsih, R. 2016. Ekstraksi, Hidrolisis dan Partisi Metabolit Sekunder dari Mikroalga *Chlorella* sp. *ALCHEMY Journal of Chemistry*, 5(1): 5-9.
- Ghasemi, M., Turnbull, T., Sebastian, S., and Kempson, I. 2021. The MTT Assay: Utility, Limitations, Pitfalls, and Interpretation in Bulk and Single-Cell Analysis. *International Journal of Molecular Sciences*, 22(12827): 1-30.
- Gieroba, B., Arczewska, M., Brych, A.S., Rzeski, W., Stepulak, A., and Gagos, M. 2020. Prostate and Breast Cancer Cells Death Induced by Xanthohumol Investigated with Fourier Transform Infrared Spectroscopy. *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 231: 1-13.
- Guo, X.H., Li, Y.H., Zhao, Y.S., Zhai, Y.Z., and Zhang, L.C. 2017. Anti-aging Effects of Melatonin on the Myocardial Mitochondria of rats and Associated Mechanisms. *Molecular Medicine reports*, 15: 403-410.
- Hetharia, G.E., Briliannita, A., Astuti, M., and Marsono, Y. 2020. Antioxidant Extraction Based On Black Rice (*Oryza sativa* L.indica) to Prevent Free Radical. *IOP Conference Series*. 823:1-6.
- Hoang, V.T., Stepniewski, G., Czarnecka, K.H., Kasztelanic, R., Long, V.C., Xuan, K.D., Shao, L., Smietana, M., and Buczynski, R. 2019. Optical Properties of Buffers and Cell Culture Media for Optofluidic and Sensing Applications. *Applied Sciences*, 9(1145): 1-11.
- Hui, C., Bin, Y., Xiaoping, Y., Long, Y., Chunye, C., and Mantian, M. 2010. Anticancer Activities of an Anthocyanin-Rich Extract From Black Rice Against Breast Cancer Cells In Vitro and In Vivo. *Nutrition and Cancer*, 62(8): 1128-1136.

- Hussain, H., Raj, S.L., Ahmad, S., Razaq, M.F.A., Mohamud, W.N.W., Bakar, J., and Ghazali, H.M. 2019. Determination of cell viability using acridine orange/propidium iodide dual-spectrofluorometry assay. *Cogent Food & Agriculture*, 5(1): 1-9.
- Ibrahim, M.D., Kntayya, S.B., Ain, N.M., Iori, R., Ioannides, C., and Razis, A.F.A. 2018. Induction of Apoptosis and Cytotoxicity by Raphasatin in Human Breast Adenocarcinoma MCF-7 Cells. *Molecules*, 23(3092): 1-16.
- Indriani, S., Siregar, K., and Suyatno. 2017. The Relationship of HER2 Overexpression to the Histopathologic Grading of Breast Cancer. *Stem Cell Oncology*, 2018: 19-22.
- Ismiyati, N., Putri, D.D.P., Kusumastuti, S.S., and Febriansyah, R. 2012. Antiproliferative Effect of Ethanolic Extract *Eugenia uniflora* Lam. Leaves on T47D Cells. *Indonesian Journal of Cancer Chemoprevention*, 3(2): 370-375.
- Istiqomah, M.A., Basytuni, M., and Hasibuan, P.A.Z. 2020. Apoptotic with Double-Staining Test, P53, and Cyclooxygenase-2 to Proliferation Colon Cancer Cell (WiDr) of Dolichol in Three Mangrove Leaves. *Open Access Macedonian Journal of Medical Sciences*, 8(A): 37-42.
- Jablonska, E., Kubasek, J., Vojtech, D., Ruml, T., and Lipov, J. 2021. Test conditions can significantly affect the results of in vitro cytotoxicity testing of degradable metallic biomaterials. *Scientific reports*, 11(6626): 1-9.
- Jenie, R.I., Handayani, S., Susidarti, R.A., and Meiyanto, E. 2020. The Effect of Brazilin from *Caesalpinia sappan* on Cell Cycle Modulation and Cell Senescence of T47D Cells. *Indonesian Journal of Pharmacy*, 31(2): 84-91.
- Kim, H.W., Lim, E.J., Jang, H.H., Cui, X.L., Kang, D.R., Lee, S.H., Kim, H.R., Choe, J.S., Yang, Y.M., Kim, J.B., and Park, J.H. 2015. 24-Methylenecycloartanyl ferulate, a major compound of g-oryzanol, promotes parvin-beta expression through an interaction with peroxisome proliferator-activated receptor-gamma 2 in human breast cancer cells. *Biochemical and Biophysical Research Communications*, 468 (2015): 574-579.

- Kntayya, S.B., Ibrahim, M.D., Ain, N.M., Iori, R., Ioannides, C., and Razis, A.F.A. 2018. Induction of Apoptosis and Cytotoxicity by Isothiocyanate Sulforaphene in Human Hepatocarcinoma HepG2 Cells. *Nutrients*, 10(718): 1-15.
- Kong, Y., Cui, H., Ramkumar, C., and Zhang, H. 2011. Regulation of Senescence in Cancer and Aging. *Journal of Aging Research*, 2011: 1-15.
- Kristamtini., Taryono., Basunanda, P., dan Murti, R.H. 2014. Keragaman genetic Kultivar Padi Beras Hitam Lokal Berdasarkan Penanda Mikrosatelit. *Jurnal AgroBiogen*, 10(2): 69-76.
- Kristamtini., Taryono., Basunanda, P., dan Murti, R.H. 2017. Korelasi Kandungan Antosianin Total dengan Peubah Warna (L^* , a^* , dan b^*) dan Penanda Mikrosatelit pada Beras Hitam. *Penelitian Pertanian Tanaman Pangan*, 1(2): 115-124.
- Kristamtini., Wiranti, E.W., dan Sutarno. 2018. Varietas Lokal Beras Hitam Yogyakarta pada Dua Ketinggian. *Buletin Plasma Nutfah*, 24(2): 99-106.
- Kumar, V., Abbas, A.K., and Aster, J.C. 2015. *Robbins and Cotran Pathologic Basis of Disease*, 9th Ed. Philadelphia, PA: Elsevier Saunders. p 31-68.
- Kurashina, Y., Imashiro, C., Hirano, M., Kuribara, T., Totani, K., Ohnuma, K., Friend, J., and Takemura, K. 2019. Enzyme-free release of adhered cells from standard culture dishes using intermittent ultrasonic traveling waves. *Communications Biology*. 1-11. <https://doi.org/10.1038/s42003-019-0638-5>.
- Le, X.T., Huynh, M.T., Pham, T.N., Than, V.T., Toan, T.Q., Bach, L.G., and Trung, N.Q. 2019. Optimization of Total Anthocyanin Content, Stability, and Antioxidant Evaluation of the Anthocyanin Extract from Vietnamese *Carissa carandas* L. Fruits. *Processes*, 7(468): 1-15.
- Lee, S., and Lee, J.S. 2019. Cellular Senescence: A Promising Strategy for Cancer Therapy. *BMB Report*, 52(1): 35-41.
- Lee, T.J., Wu, T., Kim, Y.J., Park, J.H., Lee, D.S., and Bhang, S.H. 2021. Alternative method for trypsin-based cell dissociation using poly (amino ester) coating and pH 6.0 PBS. *Journal of Bioactive and Compatible Polymers*, 36(1): 77-89.

- Li, W., Zhou, J., and Xu, Y. 2015. Study of the *In Vitro* Cytotoxicity Testing of Medical Devices (Review). *Biomedical Reports*, 3: 617-620.
- Lin, L., and Baehrecke, E.H. 2015. Autophagy, cell death, and cancer. *Molecular & Cellular Oncology*, 2(3): 1-9.
- Lin, B.W., Gong, C.C., Soong, H.F., and Cui, Y.Y. 2017. Effects of Anthocyanins on the Prevention and Treatment of Cancer. *British Journal of Pharmacology*, 2017(174): 1226-1243.
- Liu, K., Liu, P.C., Liu, R., and Wu, X. 2015. Dual AO/EB Staining to Detect Apoptosis in Osteosarcoma Cells Compared with Flow Cytometry. *Medical Science Monitor Basic Research*, 21: 15-20.
- Lu, X., Zhou, Y., Wu, T., and Hao, L. 2014. Ameliorative Effect of Black Rice Anthocyanin on Senescent Mice Induced by D-galactose. *Food & Function*: 1-25.
- Masota, N.E., Vogg, G., and Holzgrabe, U. 2021. Reproducibility challenges in the search for antibacterial compounds from nature. *PLoS ONE*, 16(7): 1-18.
- Mavrogonatou, E., Pratsinis, H., and Kletsas, D. 2020. The Role of Senescence in Cancer Development. *Seminars in Cancer Biology*, 62(2020): 182-191.
- Naieli, H.R., Victor, O.P., and Lino, S.S. 2019. Identify healthy and dead cells simultaneity of *Bacillus subtilis* MZ through to use of propidium iodide and acridine orange. *ECOFRAN Journal-Republic of Nicaragua*, 5(9): 21-27.
- Nalbantsoy, A., Nu, K., and Sayim, F. 2012. Determination of in vivo toxicity and in vitro cytotoxicity of venom from the Cypriot blunt-nosed viper *Macrovipera lebetina lebetina* and antivenom production. *Journal of Venomous Animals and Toxins including Tropical Diseases*, 18(2): 208-216.
- Ng, J.H., Nesaretnam, K., Reimann, K., and Lai, L.C. 2000. Effect of Retinoic Acid and Palm Oil Carotenoids on Oestrone Sulphatase and Eoestradiol-17 β Hydroxysteroid Dehydrogenase Activities in MCF-7 and MDA-MB-231 Breast Cancer Cell Lines. *International Journal of Cancer*, 88 : 135-138.

- Norazalina, S., Norhaizan, M.E., Hairuszah, I., and Norashareena, M.S. 2010. Anticarcinogenic Efficacy of Phytic Acid Extracted from Rice Bran on Azoxymethane-induced Colon Carcinogenesis in Rats. *Experimental and Toxicologic Pathology*, 62(3): 259-268.
- Nurhidajah., Astuti, R., and Nurrahman. 2019. Black Rice Potential in HDL and LDL Profile in Sprague Dawley Rat with High Cholesterol Diet. *IOP Conference Series: Earth and Environmental Science*, 292(2019): 1-7.
- Obeng, E. 2019. Apoptosis (Programmed Cell Death) and Its Signal – A Review. *Brazilian Journal of Biology*, 81(4): 1133-1143.
- Palungwachira, P., Tancharoen, S., Phruksaniyom, C., Klungsaeng, S., Srichan, R., Kikuchi, K., and Nararatwanchai, T. 2019. Antioxidant and Anti-Inflammatory Properties of Anthocyanins Extracted from *Oryza sativa* L. in Primary Dermal Fibroblast. *Oxidative Medicine and Cellular Longevity*, 2019: 1-18.
- Peng, C., Wang, X., Chen, J., Jiao, R., Wang, L., Li, Y.M., Zuo, Y., Liu, Y., Lei, L., Ma, K.M., Huang, Y., and Chen, Z.Y. 2014. Biology of Ageing and Role of Dietary Antioxidants. *BioMed Research International*, 2014: 1-13.
- Pengkumsri, N., Chaiyasut, C., Saenjum, C., Sirilun, S., Peerajan, S., Suwannallert, P., Sirisattha, S., and Sivamaruthi, S. 2015. Physicochemical and Antioxidative Properties of Black, Brown, and Red Rice Varieties of Northern Thailand. *Food Science and Technology*, 35(2): 331-338.
- Pfeffer, C.M., and Singh, A.T.K. 2018. Apoptosis: A Target for Anticancer Therapy. *International Journal of Molecular Sciences*, 19(448): 1-10.
- Pluquet, O., Abbadie, C., and Coqueret, O. 2019. Connecting Cancer Relapse with Senescence. *Cancer Letters*, 463: 50-58.
- Prakash, O., Kumar, A., Kumar, P., and Ajeet. 2013. Anticancer Potential of Plants and Natural Products: A Review. *American Journal of Pharmacological Sciences*, 1(6): 104-115.
- Prasad, B.J., Sharavanan, P.S., and Sivaraj, R. 2019. Health Benefits of Black Rice-A Review. *Grain & Oil Science and Technology*, 2: 109-113.

- Purwaningdyah, Y.G., Widyaningsih, T.D., dan Wijayanti, N. 2015. Efektivitas Ekstrak Biji Pepaya (*Carica papaya* L.) Sebagai Antidiare Pada Mencit yang Diinduksi *Salmonella typhimurium*. *Jurnal Pangan dan Agroindustri*, 3(4): 1283-1293.
- Putra, B., Wahyuningsih, M.S.H., and Solikhah, E.N. 2017. Cytotoxic Activity of Simvastatin in T47D Breast Cancer Cell Lines and Its Effect on Cyclin D1 Expression and Apoptosis. *Journal Medical Science*, 49(2): 47-55.
- Rangkuti, I.Y., Hasibuan, P.A.Z., Widyawati, T., and Siregar, Y. 2019. Metformin Inhibits Growth of Breast Cancer Cell T47D through Decreasing Expression of Protein p53, BCL2, and Cyclin D1. *Journal of Medical Research and Innovation*, 3(2): 1-11.
- Rukmana, R.M., Soesilo, N.P., Rumiati., and Pratiwi, R. 2016. The Effect of Ethanolic Extract of Black and White Rice Bran (*Oryza sativa* L.) on Cancer Cells. *Indonesian Journal of Biotechnology*, 21(1): 63-69.
- Rukmana, R.M., Soesilo, N.P., Rumiati., and Pratiwi, R. 2017. Chemopreventive Activities of 'Woja Laka' Black Rice Bran Fractions on Liver Carcinoma HepG2 Cells. *Biomedical & Pharmacology Journal*, 10(4): 1677-1684.
- Samec, D., Maretic, M., Lugaric, I., Mesic, A., Sondi, B.S., and Duralija, B. 2016. Assessment of the differences in the physical, chemical and phytochemical properties of four strawberry cultivars using principal component analysis. *Food Chemistry*, 194(2016): 828-834.
- Savitri, I., Suhendra, L., dan Wartini, N.M. 2017. Pengaruh Jenis Pelarut Pada Metode Maserasi Terhadap Karakteristik Ekstrak *Sargassum polycystum*. *Jurnal REKAYASA DAN MANAJEMEN AGROINDUSTRI*, 5(3): 93-101.
- Schosserer, M., Grillari, J., and Breitenbach, M. 2017. The Dual Role of Cellular Senescence in Developing Tumors and Their Response to Cancer Therapy. *Frontiers in Oncology*, 7 (278): 1-13.
- Shokrzadeh, M., and Modanloo, M. 2017. An Overview of The Most Common Methods for Assessing Cell Viability. *Journal of Research in Medical and Dental Sciences*, 5(2): 33-41.

- Singh, M., McKenzie, K., and Ma, X. 2017. Effect of dimethyl sulfoxide on in vitro proliferation of skin fibroblast cells. *Journal of Biotech Research*, 8: 78-82.
- Siregar, F., dan Hadijono, B.S. 2000. Uji Sitotoksitas dengan Esei MTT. *Jurnal Kedokteran Gigi Universitas Indonesia*, 2000(7): 28-32.
- Sjafaraenan., Johannes, E., and Wulandari, S.N. 2019. Pengaruh Interval Dosis 2,44-19,53 $\mu\text{g/mL}$ Ekstrak N-Heksana dari Hydroid *Aglaopheniapressina* Lamoureaux terhadap Aktivitas Pertumbuhan Sel Hela. *BIOMA: JURNAL BIOLOGI MAKASSAR*, 4(1): 11-19.
- Sladowski, D., Steer, S.J., Clothier, R.H., and Balls, M. 1993. An Improved MTT Assay. *Journal of Immunological Methods*, 157: 203-207.
- Stanoeva, J.P., Balshikevska, E., Stefova, M., Tusevski, O., and Simic, S.G. 2020. Comparison of the Effect of Acids in Solvent Mixtures for Extraction of Phenolic Compounds From *Aronia melanocarpa*. *Natural Product Communications*, 15(7): 1-10.
- Sun, C., Wu, Z., Wang, Z., and Zhang, H. 2015. Effect of Ethanol/Water Solvents on Phenolic Profiles and Antioxidant Properties of Beijing Propolis Extracts. *Evidence-Based Complementary and Alternative Medicine*, 2015: 1-10.
- Susanty., dan Bachmid, F. 2016. Perbandingan Metode Ekstraksi Maserasi dan Refluks Terhadap Kadar Fenolik Dari Ekstrak Tongkol Jagung (*Zea mays* L.). *KONVERSI*, 5(2): 87-93.
- Tacar, O., Sriamornsak, P., and Dass, C.R. 2012. Doxorubicin: an update on anticancer molecular action, toxicity and novel drug delivery. *Journal of Pharmacy and Pharmacology*, 65 : 157-170.
- Tan, B.L., and Norhaizan, M.E. 2017. Scientific Evidence of Rice By-Products for Cancer Prevention: Chemopreventive Properties of Waste Products from Rice Milling on Carcinogenesis In Vitro and In Vivo. *BioMed Research International* : 1-19.
- Taghavi, T., Patel, H., and Rafie, R. 2022. Anthocyanin Extraction Method and Sample Preparation Affect Anthocyanin Yield of Strawberries. *Natural Produces Communications*, 17(5): 1-7.

- Thanuja, B., and Parimalavalli, R. 2018. Role of Black Rice in Health and Diseases. *International Journal of Health Sciences and Research*, 8(2): 241-248.
- Tunjung, W.A., and Sayekti, P.R. 2019. Apoptosis Induction of Human Breast Cancer T47D Cell Line by Extracts of *Ancorina* sp. *F1000Research*, 8(168): 1-16.
- Verma, A., Verma, M., and Singh, A. 2020. Animal tissue culture principles and applications. *Animal Biotechnology*, 269–293.
- Wang, C.C., Lin, S.Y., Lai, Y.H., Liu, Y.J., Hsu, Y.L., and Chen, J.J.W. 2012. Dimethyl Sulfoxide Promotes the Multiple Functions of the Tumor Suppressor HLJ1 through Activator Protein-1 Activation in NSCLC Cells. *PLoS ONE*, 7(4): 1-10.
- Wangen, R., Asebo, E., Trentani, A., Doskeland, S.O., Bruserus, O., Selheim, F., and Valladares, M.H. 2018. Preservation Method and Phosphate Buffered Saline Washing Affect the Acute Myeloid Leukemia Proteome. *International Journal of Molecular Sciences*, 19(296): 1-11.
- Wardiansah., Adnindya, M.R., and Hidayat, R. 2021. The Potential of CO2 Incubator "Sriwijaya CO2 Incubator" Against Cell Culture Proliferation in Invitro Study as Smart Controlling-Based CO2 Incubator for Cell Culture. *Bioscientia Medicina: Journal of Biomedicine & Translational Research*. 268-271. <https://doi.org/10.32539/bsm.v5i3.207>
- Widyaningtiyas, L.A.M., Yudono, P., dan Supriyanta. 2020. Identifikasi Karakter Morfologi dan Agronomi Penentu Kehampaan Malai Padi (*Oryza sativa* L.). *Vegetalika*, 9(2): 399-413.
- Wlodkowic, D., Skommer, J., and Darzynkiewicz, Z. 2009. Flow Cytometry-based Apoptosis Detection. *Methods Molecular Biology*, 599: 1-14.
- Wyld, L., Bellantuono, H., Tchkonja, T., Morgan, J., Turner, O., Foss, F., George, J., Danson, S., and Kirkland, J.L. 2020. Senescence and Cancer: A Review of Clinical Implications of Senescence and Senotherapies. *Cancers*, 12(2134): 1-20.
- Yu, M. S., Lai, C.S.W., Ho, Y.S., Zee, S.Y., So, K.F., Yuen, W.H., and Chang, R.C.C. 2007. Characterization of the Effects of Anti-aging Medicine

Fructus lycii on Beta-amyloid Peptide Neurotoxicity. *International Journal of Molecular Medicine*, 20: 261-268.

- Yu, S., Kim, T., Yoo, K.H., and Kang, K. 2017. The T47D Cell Line is an Ideal Experimental Model to Elucidate the Progesterone-specific Effects of a Luminal A Subtype of Breast Cancer. *Biochemical and Biophysical Research Communications*, 2017: 1-7.
- Yulianingtyas, A., dan Kusmartono, B. 2016. Optimisasi Volume Pelarut dan Waktu Maserasi Pengambilan Flavonoid Daun Belimbing Wuluh (*Averrhoa bilimbi* L.). *Jurnal Teknik Kimia*, 10(2): 58-64.
- Yusuf, H., Satria, D., Suryawati, S., dan Fahriani, M. 2020. Combination Therapy of Eurycomanone and Doxorubicin As Anticancer on T47D and MCF-7 Cell Lines. *Systematic Reviews in Pharmacy*, 11(10): 335-341.
- Zeng, S., Shen, W.H., and Liu, L. 2018. Senescence and Cancer. *Cancer Translational Medicine*, 4(3): 70-74.
- Zhang, Q.W., Lin, L.G., and Ye, W.C. 2018. Techniques for Extraction and Isolation of Natural Products: A Comprehensive Review. *Chinese Medicine*, 13(20): 1-26.
- Zhao, M., and Ramaswamy, B. 2014. Mechanisms and Therapeutic Advances in The Management of Endocrine-resistant Breast Cancer. *World Journal of Clinical Oncology*, 5(3): 248-262.
- Zhou, W., Gao, Y., Xu, S., Yang, Z., and Xu, T. 2014. Purification of a Mannose –Binding Lectin *Pinellia ternata* Agglutinin and Its Induction of Apoptosis in Bel-7404 Cells. *Protein Express and Purification*, 93(2014): 11-17.