

DAFTAR PUSTAKA

- Admoun, C. and Mayrovitz, H.N. (2022) *Breast Cancer: The Etiology of Breast Cancer*, Brisbane: Exon Publications.
- Ahmad N. *et al.* (1997) ‘Green tea constituent Epigallocatechin-3-Gallate and induction of apoptosis and cell cycle arrest in human carcinoma cells’, *Journal of The National Cancer Institute*, 89(24), pp. 1881–1886.
- Aiello, N.M. and Kang, Y. (2019) ‘Context-dependent EMT programs in cancer metastasis’, *The Journal of Experimental Medicine*, 216(5), pp. 1016–1026.
- Alikhani, N. *et al.* (2013) ‘Mammary tumor growth and pulmonary metastasis are enhanced in a hyperlipidemic mouse model’, *Oncogene*, 32(8), pp. 961-967.
- Alimun, S.R. *et al.* (2024) ‘Analisis Faktor Risiko Kanker Payudara’, *Fakumi Medical Journal*, 4(6), pp. 473-484.
- American Cancer Society. (2022) ‘Breast Cancer: What is Breast Cancer’, *American Cancer Society [Internet]*. Available at: <http://www.cancer.org/cancer/breast-cancer/about/what-is-breast-cancer.html>
- Amier, A.M.R.A.P. and Pradana, M. (2022) ‘Analisis Bibliometrik tentang Green Marketing: Perkembangan Studi dalam Periode 1999-2022’, *SEIKO: Journal of Management & Business*, 4(3), pp. 121-131.
- Anantaboga, J. (2012) *Tangkal Seabrek Penyakit dengan Teh Hijau*, Yogyakarta: Diva Press.
- Arafah A.B.R. and Notobroto, H.B. (2017) ‘Faktor Yang Berhubungan Dengan Perilaku Ibu Rumah Tangga Melakukan Pemeriksaan Payudara Sendiri (SADARI)’, *The Indonesian Journal of Public Health*, 12(2), pp. 143–153.
- Arita, Y. *et al.* (2002) ‘Adipocyte-derived plasma protein adiponectin acts as a platelet-derived growth factor-BB-binding protein and regulates growth factor-induced common postreceptor signal in vascular smooth muscle cell’, *Circulation*, 105(24), pp.2893–2898.
- Arnold, J.T. and Isaacs, J.T. (2002) ‘Mechanisms Involved in The Progression of Androgen Independent Prostate Cancers: It is not Only the Cancers Cell's Fault’, *Endocrine Related Cancer*, 9(1), pp. 61-73.

- Arteaga, C.L. *et al.* (2011) ‘Treatment of HER2-positive breast cancer: Current status and future perspectives’, *Nature Review Clinical Oncology*, 9(1), pp. 16–32.
- Astari, N., Udaya, M. and Rahmawati, I. (2018) ‘Pengaruh Pemberian Teh Hijau Terhadap Penurunan Kadar Kolesterol Pada Lansia Awal (46-55) Tahun (Di Dusun Ngudirejo Desa Ngydirejo Kecamatan Diwek Kabupaten Jombang)’, *Jurnal Insan Cendekia*, 5(2), pp. 76–82.
- Avtanski, D. and Poretsky, L. (2018) ‘Phyto-polyphenols as Potential Inhibitors of Breast Cancer Metastasis’, *Molecular Medicine*, 24(29).
- Azzahra, R.W. and Zuhrotun, A. (2022) ‘Review Article: Potential Anti-Cholesterol Plant Based on In-Vitro Studies’, *Indonesia Journal of Biological Pharmacy*, 2(2), pp.67-75.
- Azam, S. *et al.* (2004) ‘Prooxidant property of green tea polyphenols epicatechin and epigallocatechin-3-gallate: implications for anticancer properties’, *Toxicology In Vitro*, 18, pp. 555–561.
- Bai, X., Zhang, F. and Lee, I. (2019) ‘Predicting the Citations of Scholarly Paper’, *Journal of Informetrics*, 13(1), pp. 407-418.
- Bakma, I. *et al.* (2020) ‘Korelasi Kadar Adiponektin daengan Kadar Glukosa Puasa Oada Penyandang Obes’, *Jurnal Kesehatan Andalas*, 9(3), pp. 360–367.
- Baliga, M.S., Meleth, S. and Katiyar, S.K. (2005) ‘Growth Inhibitory and Antimetastatic Effect of Green Tea Polyphenols on Metastasis-specific Mouse Mammary Carcinoma 4T1 Cells in Vitro and in Vivo Systems’, *Clinical Cancer Research*, 11(5), pp. 1918-1927.
- Balmaña, J. *et al.* (2011) ‘BRCA in breast cancer: ESMO Clinical Practice Guidelines’, *Annals of Oncology*, 22(6), pp. 31-34.
- Bartosikova, L. and Necas, J. (2018) ‘Epigallocatechin Gallate: A Review’, *Veterinarni Medicina*, 63(10), pp. 443-467.
- Belfiore, A. and Frasca, F. (2008) ‘IGF and insulin receptor signaling in breast cancer’, *Journal Mammary Gland Biology and Neoplasia*, 13(4), pp. 381–406.
- Belfiore, A. *et al.* (2009) ‘Insulin receptor isoforms and insulin receptor/insulin-like growth factor receptor hybrids in physiology and disease’, *Endocrine Reviews*, 30(6), pp. 586–623.

- Berletch, J.B. *et al.* (2008) ‘Epigenetic and genetic mechanisms contribute to telomerase inhibition by EGCG’, *Journal of Cellular Biochemistry*, 103(2), pp. 509–519.
- Bettany-Saltikov, J. (2012) *How to do A Systematic Literature Review in Nursing: A Step by Step Guide*. New York: Open University Press, England: McGraw-Hill.
- Bettuzzi, S. *et al.* (2006) ‘Chemoprevention of Human Prostate Cancer by Oral Administration of Green Tea Catechins in Volunteers with High-grade Prostate Intraepithelial Neoplasia: A Preliminary Report from A One-year Proof-of-principle Study’, *Cancer Research*, 66(2), pp. 1234-1240.
- Bhide, A., Shah, P.S. and Acharya, G. (2018) ‘A Simplified Guide to Randomized Controlled Trials’, *Acta Obstetricia et Gynecologica Scandinavica*, 97(4), pp. 380–387.
- Birchmeier, C. *et al.* (2003) ‘Met, metastasis, motility and more’, *Nature Reviews Molecular Cell Biology*, 4, pp. 915-925.
- Borutinskaite, V. *et al.* (2018) ‘Green teapolyphenol EGCG causes anti-cancerous epigenetic modulations in acute promyelocytic leukemia cells’, *Leukemia & Lymphoma*, 59(2), pp. 469–478.
- Boyd, N.F. *et al.* (1998) ‘Mammographic densities and breast cancer risk’, *Breast Disease*, 10(304), pp. 113–126.
- Boyd, N.F. *et al.* (2005) ‘Mammographic breast density as an intermediate phenotype for breast cancer’, *The Lancet Oncology*, 6(10), pp. 798–808.
- Boyd, N.F. *et al.* (2007) ‘Mammographic density and the risk and detection of breast cancer’, *The New England Journal of Medicine*, 356(3), pp. 227–236.
- Brabletz, T. *et al.* (2018) ‘EMT in cancer’, *Nature Reviews Cancer*, 18(2), pp. 128–134.
- Brammer, W.M. *et al.* (2017) ‘Optimal Database Combinations for Literature Searches in Systematic Reviews: A Prospective Exploratory Study’, *Systematic Reviews*, 6(1), 245.
- Budiyasa, D. and Santoso, A. (2008) ‘Hubungan Adoponektin dengan Gagal Jantung Kongestif’, *Jurnal Penyakit Dalam*, 9(3), pp. 245–253.
- Bule, P. *et al.* (2021) ‘Chemokine-directed tumor microenvironment modulation in cancer immunotherapy’, *International Journal of Molecular Sciences*, 22(18), 9804.

- Byrne, C. *et al.* (1995) ‘Mammographic features and breast cancer risk: effects with time, age, and menopause status’, *Journal of The National Cancer Institute*, 87(21), pp. 1622–1629.
- Cai Q, Dozmorov M, and Oh Y. (2020) ‘IGFBP-3/IGFBP-3 Receptor System as an Anti-Tumor and Anti-Metastatic Signaling in Cancer’. *Cells*, 9(5), 1261.
- Cao, J. and Yee, D. (2021) ‘Disrupting insulin and IGF receptor function in cancer’, *International Journal of Molecular Sciences*, 22(2), 555.
- Capasso, L. *et al.* (2025) ‘Epigallocatechin Gallate (EGCG): Pharmacological Properties, Biological Activities and Therapeutic Potential’, *Molecules*, 30(3), 654.
- Castellano, G. *et al.* (2008) ‘Activation of The Osteopontin/matrix Metalloproteinase-9 Pathway Correlates with Prostate Cancer Progression’, *Clinical Cancer Research*, 14(22), pp. 7470-7480.
- Chamber, A.F., Groom, A.C. and MacDonald, I.C. (2002) ‘Dissemination and Growth of Cancer Cells in Metastatic Sites’, *National Reviews Cancer*, 2(8), pp. 563-572.
- Chen, L. *et al.* (1997) ‘Absorption, Distribution and Elimination of Tea Polyphenols in Rats’, *Drug Metabolism and Disposition*, 25(9), pp. 1045-1050.
- Chen, S, and Parmigiani, G. (2007) ‘Meta-analysis of BRCA1 and BRCA2 penetrance’, *Journal of Clinical Oncology*, 25(11), pp. 1329-1333.
- Chiang, S.P.H., Cabrera, R.M. and Segall, J.E. (2016) ‘Tumor cell intravasation’, *American Journal of Physiology Cell Physiology*, 311(1), pp. C1–C14.
- Chinnery, H. *et al.* (2017) ‘Scoping Review of The Development of Artificial Eyes Throughout the Years’, *Edorium Journal of Disability and Rehabilitation*, vol. 3.
- Chlebowski, R.T. *et al.* (2009) ‘Breast Cancer after Use of Estrogen Plus Progestin in Postmenopausal Women’, *The New England Journal of Medicine*, 360(6), pp. 573-587.
- Chow, HH.S. *et al.* (2003) ‘Pharmacokinetics and Safety of Green Tea Polyphenols after Multiple-dose Administration of Epigallocatechin Gallate and Polyphenon E in Healthy Individuals’, *Clinical Cancer Research*, 9(9), pp. 3312-3319.

- Ciaula, A.D. *et al.* (2017) ‘Bile Acid Physiology’, *Annals of Hepatology*, 16(Suppl. 1), pp.4-14.
- Clemons, M. and Goss, P. (2001) ‘Estrogen and The Risk of Breast Cancer’, *The New England Journal of Medicine*, 344(4), pp. 276-285.
- Clifford, M.N., Van der Hooft, J.J.J. and Crozier, A. (2013) ‘Human Studies on The Absorption, Distribution, Metabolism, and Excretion of Tea Polyphenols’, *American Journal of Clinical Nutrition*, 98(6 Suppl), pp. 1619S-1630S.
- Cortner J, Vande Woude GF, and Rong S. (1995) ‘The Met-HGF/SF autocrine signaling mechanism is involved in sarcomagenesis’, *EXS* 74, pp. 89-121.
- Cox, R.A. and Garcia-Palmieri, M.R. (1990) ‘Cholesterol, Tryglicerides, and Associated Lipoproteins’, *Clinical Methods: The History, Physical, and Laboratory Examinations*, 3rd edition, Chapter 31.
- Crew, K.D. *et al.* (2012) ‘Phase IB Randomized Double-blinded, Placebo-controlled, Dose Escalation Study of Polyphenon E in Women with Hormone Receptor-negative Breast Cancer’, *Cancer Prevention Research (Phila)*, 5(9), pp. 1144-1154.
- Crew, K.D. *et al.* (2014) ‘Effects of a green tea extract, Polyphenon E, on systemic biomarkers of growth factor signalling in women with hormone receptor-negative breast cancer’, *Journal of Human Nutrition and Dietetics*, 28, pp. 272-282.
- Crowell, J.A. *et al.* (2005) ‘The Pharmacokinetics of EGCG: Preclinical and Clinical Studies’, *Division of Cancer Prevention, National Cancer Institute, Bethesda Maryland*, 20892, pp. 103-105.
- Cui, CJ. *et al.* (2020) ‘Beneficial impact of epigallocatechingallate on LDL-C through PCSK9/LDLR pathway by blocking HNF1 α and activating FoxO3a’, *Journal of Translational Medicine*, 18 (195).
- Cullen, K.J. and Lippman, M.E. (1991) ‘Stromal-epithelial interactions in breast cancer’, *Cancer Treatment and Research*, 61, pp. 413-431.
- Cumpston, M. *et al.* (2023) ‘Chapter I: Introduction’, Cochrane Handbook for Systematic Reviews of Interventions version 6.5. Available at: training.cochrane.org/handbook.
- Cuzick, J. *et al.* (2004) ‘Tamoxifen and breast density in women at increased risk of breast cancer’, *Journal of The National Cancer Institute*, 96(8), pp. 621-628.

- Deb, G. *et al.* (2015) ‘Epigenetic induction of tissue inhibitor of matrix metalloproteinase-3 by green tea polyphenols in breast cancer cells’, *Molecular Carcinogenesis*, 54(6), pp.485–499.
- Dewi, B.A., Wardani, T.S. and Nurhayati, N. (2021) *Fitokimia*. Yogyakarta: Pustaka Baru.
- Dev, A., Vaccher, M. and Prasad, C.P. (2023) ‘ β -catenin inhibitors in cancer therapeutics: intricacies and way forward’, *Bioengineered*, 14(1), 2251696.
- Devos, P. (2011) ‘Research and Bibliometrics: A Long History...’, *Clinics and Research in Hepatology and Gastroenterology*, 35(5), pp. 336-337.
- Di Camilo, B. *et al.* (2016) ‘A rule-based model of insulin signalling pathway’, *BMC Systems Biology*, 10(38).
- Dos Santos, C.R. *et al.* (2014) ‘Plasma level of LDL-cholesterol at diagnosis is a predictor factor of breast tumor progression’, *BMC Cancer*, 14, 132.
- Dostal, A.M. *et al.* (2016) ‘Green Tea Extract and Catechol-O-Methyltransferase Genotype Modify Fasting Serum Insulin and Plasma Adiponectin Concentrations in a Randomized Controlled Trial of Overweight and Obese Postmenopausal Women’, *The Journal of Nutrition*, 146(1), pp. 38-45.
- Dreosti, I.E., Wargovich, M.J. and Yang, C.C. (1997) ‘Inhibition of Carcinogenesis by Tea: The Evidence from Experimental Studies’, *Critical Reviews in Food Science and Nutrition*, 37(8), pp. 761-770.
- Du, G.J. *et al.* (2012) ‘Epigallocatechin Gallate (EGCG) is The Most Effective Cancer Chemopreventive Polyphenol in Green Tea’, *Nutrients*, 4(11), pp. 1679-1691.
- Ekowati, J. *et al.* (2023) ‘Chemopreventive practices in traditional medicine’, *Herbal Medicine Phytochemistry*, 4(11), pp. 1-54.
- Fan, X. *et al.* (2020) ‘Tea bioactive components prevent carcinogenesis via anti-pathogen, anti-inflammation, and cell survival pathways’, *International Union of Biochemistry and Molecular Biology Life*, 73(2), pp. 328-340.
- Fang, H. and Judd, R.L. (2018) ‘Adiponectin Regulation and Function’, *Comprehensive Physiology*, 8(3), pp. 1031-1063.
- Farabegoli, F., Papi, A. and Orlandi, M. (2010) ‘(-)-Epigallocatechin-3-gallate down-regulates EGFR, MMP-2, MMP-9 and EMMPRIN and inhibits the invasion of MCF-7 tamoxifen-resistant cells’, *Bioscience Reports*, 31(2), pp. 99–108.

- Fenton, J.L. *et al.* (2008) ‘Adiponectin blocks multiple signaling cascades associated with leptin-induced cell proliferation in Apc Min/+ colon epithelial cells’, *International Journal of Cancer*, 122(11), pp.2437–2445.
- Filippini, T. *et al.* (2020) ‘Green Tea (*Camelia sinensis*) for the Prevention of Cancer’, *The Cochrane Database of Systematic Reviews*, 3(3), CD005004.
- Folkman, J. (1971) ‘Tumor angiogenesis: therapeutic implications’, *The New England Journal of Medicine*, 285(21), pp. 1182–1186.
- Folkman, J. and Klagsbrun, M. (1987) ‘Angiogenic factors’, *Science*, 235(4787), pp. 442-447.
- Francis, C. and Baldesari (2006) *Systematic Reviews of Qualitative Literature*, Oxford: UK Cochrane Centre.
- Frisca, Sardjono, C.T. and Sandra, F. (2009) ‘Angiogenesis: Patofisiologi dan Aplikasi Klinis’, *Maranatha Journal of Medicine and Health*, 8(2), pp. 174-188.
- Fujisawa, T. *et al.* (2008) ‘Adiponectin suppresses colorectal carcinogenesis under the high-fat diet condition’, *Gut*, 57(11), pp. 1531–1538.
- Gallagher, E.J. *et al.* (2020) ‘Insulin resistance contributes to racial disparities in breast cancer prognosis in US women’, *Breast Cancer Research*, 22(40).
- Gan, L. *et al.* (2015) ‘Green tea polyphenol epigallocatechin-3-gallate ameliorates insulin resistance in non-alcoholic fatty liver disease mice’, *Acta Pharmacologica Sinica*, 36, pp. 597-605.
- Garbisa, S. *et al.* (2001) ‘Tumor gelatinases and invasion inhibited by the green tea flavanol epigallocatechin-3-gallate’, *Cancer*, 91(4), pp. 822–832.
- Gee, J.R. *et al.* (2017) ‘A Phase II Randomized, Double-blind, Presurgical Trial of Polyphenon E in Bladder Cancer Patients to Evaluate Pharmacodynamics and Bladder Tissue Biomarkers’, *Cancer Prevention Research (Phila)*, 10(5), pp. 298-307.
- Goossen, K. *et al.* (2020) ‘Database Combinations to Retrieve Systematic Reviews in Overviews of Reviews: A Methodological Study’, *BMC Medical Research Methodology*, 20(1), 138.
- Goren, H.G. *et al.* (1992) ‘The binding of vascular endothelial growth factor to its receptors is dependent on cell surface-associated heparin-like molecules’, *The Journal of Biological Chemistry*, 267(9), pp. 6093-6098.

- Granja, A., Pinheiro, M. and Reis, S. (2016) ‘Epigallocatechin Gallate Nanodelivery Systems for Cancer Therapy’, *Nutrients*, 8(5), pp. 1-23.
- Gray, A.L. et al. (2014) ‘The polyphenols (-)-epigallocatechin-3-gallate and luteolin synergistically inhibit TGF- β -induced myofibroblast phenotypes through RhoA and ERK inhibition’, *PloS One*, 9(10), e109208.
- Green, S.M., Mostaghel, E.A. and Nelson, P.S. (2011) ‘Androgen Action and Metabolism in Prostate Cancer’, *Molecular and Cellular Endocrinology*, 360(1-2), pp. 3-13.
- Greendale, G.A. et al. (2003) ‘Postmenopausal hormone therapy and change in mammographic density’, *Journal of the National Cancer Institute*, 95(1), pp. 30-37.
- Grimberg, A. (2000) ‘p53 and IGFBP-3: Apoptosis and Cancer Protection’. *Molecular Genetics and Metabolism*, 70(2), pp. 85-98.
- Grkovic, S. et al. (2013). ‘IGFBP-3 binds GRP78, stimulates autophagy and promotes the survival of breast cancer cells exposed to adverse microenvironments’ *Oncogene*, 32(19), pp. 2412–2420.
- Gupta, G.P. and Massagué, J. (2006) ‘Cancer Metastasis: Building A Framework’, *Cell*, 127(4), pp. 679-695.
- Gupta, K. et al. (2002) ‘Insulin: A Novel Factor in Carcinogenesis’, *The American Journal of The Medical Sciences*, 323(3), pp. 140-145.
- Gupta, S. et al. (2000) ‘Growth Inhibition, Cell-cycle Dysregulation, and Induction of Apoptosis by Green Tea Constituent (-)-epigallocatechin-3-gallate in Androgen Sensitive and Androgen-insensitive Human Prostate Carcinoma Cells’, *Toxicology and Applied Pharmacology*, 164(1), pp. 82-90.
- Gutmann, T. et al. (2020) ‘Cryo-EM structure of the complete and ligand-saturated insulin receptor ectodomain’, *The Journal of Cell Biology*, 219(1), e201907210.
- Hadinoto, D. and Nugroho, T. (2009) *Efek Epigallocatechin-3-Gallate (EGCG) Topikal terhadap Ekspresi Siklooksigenase-2 Konjungtivitis Alergi pada Model Tikus Wistar*, Universitas Diponegoro.
- Handayani, R. (2018) *Ekstrak Teh Hijau meningkatkan ekspresi ER- α dan jumlah sel epitel kelenjar endometrium pada tikus wistar yang dipapar simetrin*, Tesis, Universitas Brawijaya.

- Hansen, W.L. (2018) ‘Regulatory Theory and Its Application to Trade Policy’, *Routledge [Internet]*.
- Hashimoto, R. et al. (2000) ‘Inhibition of Radical Reaction of Apolipoprotein B-100 and Alpha-tocopherol in Human Plasma by Green Tea Catechins’, *Journal of Agricultural and Food Chemistry*, 48(12), pp. 6380-6383.
- Heckl, S.M. et al. (2018) ‘Epithelial insulin receptor expression-prognostic relevance in colorectal cancer’, *Oncotarget*, 9, pp. 37497–37508.
- Hevonoja, T. et al. (2000) ‘Structure of Low Density Lipoprotein (LDL) particles: basis for understanding molecular changes in modified LDL’, *Biochimica et Biophysica Acta*, 1488(3), pp. 189-210.
- Higgins, J. and Green, S. (2008) *Cochrane Handbook for Systematic Reviews of Interventions*. England: A John Wiley & Sons, Ltd.
- Hopkins, B.D. et al. (2018) ‘Suppression of insulin feedback enhances the efficacy of PI3K inhibitors’, *Nature*, 560, pp. 499–503.
- Hopkins, B.D., Goncalves, M.D. and Cantley, L. (2020) ‘Insulin-PI3 K signalling: an evolutionarily insulated metabolic driver of cancer’, *Nature Reviews Endocrinology*, 16, pp. 276–283.
- Huang, Y. et al. (2015) ‘Green Tea Polyphenol Epigallocatechin-o-gallate Induces Cell Death by Acid Sphingomyelinase Activation in Chronic Myeloid Leukemia Cells’, *Oncology Report*, 34(3), pp. 1162-1168.
- Hunter, D.J. et al. (1996) ‘Cohort Studies of Fat Intake and The Risk of Breast Cancer - A Pooled Analysis’, *The New England Journal of Medicine*, 334(6), pp. 356-361.
- Imani, S. et al. (2016) ‘Prognostic Value of EMT-inducing Transcription Factors (EMT-TFs) in Metastatic Breast Cancer: A Systematic Review and Meta-analysis’, *Scientific Reports*, 6, 28587.
- Maria, I.L., Sainal, A.A. and Nyorong, M. (2017) ‘Risiko Gaya Hidup Terhadap Kejadian Kanker Payudara Wanita’, *Jurnal MKMI*, 13(2), pp 157-166.
- Inoue, M. et al. (2001) ‘Regular consumption of green tea and the risk of breast cancer recurrence in Japanese patients’, *Cancer Research*, 61(2), pp. 653-657.
- International Agency for Research on Cancer. (1987) *IARC Monographs on The Identification of Carcinogenic Hazard to Humans*.

- Ioannidis, J.P.A. (2016) ‘The Mass Production of Redundant, Misleading, and Conflicted Systematic Reviews and Meta-analyses’, *The Milbank Quarterly*, 94(3), pp. 485-514.
- Isemura, M. et al. (1993) ‘Effects of Catechins on The Mouse Lung Carcinoma Cell Adhesion to The Endothelial Cells’, *Cell Biology International*, 17(6), pp. 559-564.
- Iyengar, N.M. et al. (2016) ‘Systemic correlates of white adipose tissue inflammation in early-stage breast Cancer’, *Clinic Cancer Research*, 22(9), pp. 2283–2289.
- Jain, R.K., Martin, J.D. and Stylianopoulos, T. (2014) ‘The Role of Mechanical Forces in Tumor Growth and Therapy’, *Annual Review of Biomedical Engineering*, 16, pp. 321-346.
- Jang, J.Y. et al. (2013) ‘Exosome derived from epigallocatechin gallate treated breast cancer cells suppresses tumor growth by inhibiting tumor-associated macrophage infiltration and M2 polarization’, *BMC Cancer*, 13, 421.
- Jemal, M. et al. (2024) ‘Non-metabolic enzyme function of pyruvate kinase M2 in breast cancer’, *Frontiers Oncology*, 14, 1450325.
- Kakizoe, T. (2003) ‘Chemoprevention of Cancer Focusing on Clinical Trial’, *Japanese Journal of Clinical Oncology*, 33(9), pp. 421-442.
- Kaklamani, V.G. et al. (2008) ‘Variants of the adiponectin and adiponectin receptor 1 genes and breast cancer risk’, *Cancer Research*, 68(9), pp. 3178–3184.
- Kalluri, R. and Weinberg, R.A (2009) ‘The Basics of Epithelial-mesenchymal Transition’, *The Journal of Clinical Investigation*, 119(6), pp. 1420-1428.
- Kanadaswami, C. et al. (2005) ‘The Antitumor Activities of Flavonoids’, *In Vivo (Brooklyn)*, vol. 19, pp. 895-910.
- Kanamaya, H. (2001) ‘Matrix Metalloproteinases and Bladder Cancer’, *The Journal of Medical Investigation*, 48(102), pp. 31-43.
- Kaunang, W.P.J. et al. (2024) *Kanker Payudara*, Universitas Sam Ratulangi.
- Kaur, S. et al. (2007) ‘Breast Cancer Prevention by Green Tea Catechins and Black Tea Theaflavins in The C3(1) SV40 T, t Antigen Transgenic Mouse Model is Accompanied by Increased Apoptosis and A Decrease in Oxidative DNA Adducts’, *Journal of Agricultural and Food Chemistry*, 55(9), pp. 3378-3385.

- Kessenbrock, K., Plaks, V. and Werb, Z. (2010) 'Matrix metalloproteinases: regulators of the tumor microenvironment', *Cell*, 141(1), pp. 52– 67.
- Key, T. *et al.* (2002) 'Endogenous Hormones and Breast Cancer Collaborative Group. Endogenous sex hormones and breast cancer in postmenopausal women: reanalysis of nine prospective studies', *Journal of The National Cancer Institute*, 94(8), pp. 606-616.
- Key, T.J. *et al.* (2010) 'Insulin-like growth factor 1 (IGF1), IGF binding protein 3 (IGFBP3), and breast cancer risk: pooled individual data analysis of 17 prospective studies', *The Lancet Oncology*, 11(6), pp. 530–542.
- Khan, N. *et al.* (2006) 'Targeting Multiple Signaling Pathways by Green Tea Polyphenol (-) - epigallocatechin-3-gallate', *Cancer Research*, 66(5), pp. 2500-2505.
- Khan, N., Afaq, F. and Mukhtar, H. (2008) 'Cancer Chemoprevention Through Dietary Antioxidants: Progress and Promise', *Antioxidants & Redox Signaling*, 10(3), pp. 475-510.
- Kido, Y., Nakae, J. and Accili, D. (2001) 'The insulin receptor and its cellular targets', *The Journal of Clinical Endocrinology and Metabolism*, 86, pp. 972–979.
- Kim, E.J. *et al.* (2011) 'Dietary fat increases solid tumor growth and metastasis of 4T1 murine mammary carcinoma cells and mortality in obesity-resistant BALB/c mice', *Breast Cancer Research*, 13(4), R78.
- Kim, HS., Quon, M.J. and Kim, JA. (2015) 'New Insights into The Mechanisms of Polyphenols beyond Antioxidant Properties; Lessons from The Green Tea Polyphenol, Epigallocatechin 3-gallate', *Redox Biology*, 10(2), pp. 187-195.
- Kim, JS. *et al.* (2012) 'Prognostic impact of insulin receptor expression on survival of patients with nonsmall cell lung cancer', *Cancer*, 118(9), pp. 2454–2465.
- Kim, S.J. *et al.* (2014) 'Safety and Chemopreventive Effect of Polyphenon E in Preventing Early and Metastatic Progression of Prostate Cancer in TRAMP Mice', *Cancer Prevention Research*, 7(4), pp. 435-444.
- Kitchenham, B. (2004) *Procedures for Performing Systematic Reviews*. Keele University.
- Knobloch, K., Yoon, U. and Vogt, P.M. (2011) 'Preferred Reporting Items for Systematic Reviews and Meta-analyses (PRISMA) Statement and Publication Bias', *Journal of Cranio-Maxillofacial Surgery*, 39 (2), pp. 91-92.

- Koh, SH. *et al.* (2003) ‘Epigallocatechin Gallate Protects Nerve Growth Factor Differentiated PC12 Cells from Oxidative-radical-stress-induced Apoptosis through Its Effect on Phosphoinositide 3-kinase/Akt and Glycogen Synthase Kinase-3’, *Molecular Brain Research*, 118(1-2), pp. 72-81.
- Kresno, S.B. *et al.* (2007) *Resiko dan Pencegahan Kanker Ditinjau Dari Sisi Genomik dan Non Genomik*, Jakarta: UI Publishing.
- Kumar, N. *et al.* (2007) ‘Green Tea Polyphenols in the Prevention of Colon Cancer’, *Frontiers in Bioscience: A Journal and Virtual Library*, 1, pp. 2309-2315.
- Kumar, N. *et al.* (2015) ‘Randomized, Placebo-Controlled Trial of Green Tea Catechins for Prostate Cancer Prevention’, *Cancer Prevention Research (Phila)*, 8(10), pp. 879-887.
- Kumazoe, M. *et al.* (2013a) ‘67-kDa Laminin Receptor Increases cGMP to Induce Cancer-selective Apoptosis’, *The Journal of Clinical Investigation*, 123(2), pp. 787-799.
- Kumazoe, M. *et al.* (2013b) ‘Phosphodiesterase 5 Inhibitor Acts as A Potent Agent Sensitizing Acute mMyeloid Leukemia Cells to 67-kDa Laminin Receptor-dependent Apoptosis’, *FEBS Letters*, 587(18), pp. 3052-3057.
- Kumazoe, M. *et al.* (2015) ‘Vardenafil a Clinically Available Phosphodiesterase Inhibitor Potentiates The Killing Effect of EGCG on CLL Cells’, *British Journal of Haematology*, 168(4), pp. 610-613.
- Kwon, A. *et al.* (2023) ‘IGFBP-3 Induces Senescence by inhibiting telomerase activity in MCF-7 Breast Cancer cells’, *Scientific Reports*, 13(1), 8739.
- Lambert, J.D., Sang, S. and Yang C.S. (2007) ‘Biotransformation of Green Tea Polyphenols and The Biological Activities of Those Metabolites’, *Molecular Pharmaceutics*, 4(6), pp. 819-825.
- Lecumberri, E. *et al.* (2013) ‘Green tea Polyphenol Epigallocatechin-3-gallate (EGCG) as Adjuvant in Cancer Therapy’, *Clinical Nutrition*, 32(6), pp. 894-903.
- Lee, A.V. *et al.* (1999) ‘Enhancement of IGF Signaling in Human Breast Cancer: Estrogen regulation of Insulin Receptor Substrate-1 expression in vitro and in vivo’, *Molecular Endocrinology (Baltimore Md)*, 13(5), pp. 787-796.
- Lee, MJ. *et al.* (2002) ‘Pharmacokinetics of Tea Catechins after Ingestion of Green Tea and (-)-epigallocatechin-3-gallate by Humans: Formation of Different Metabolites and Individual Variability’, *Cancer Epidemiology, Biomarkers and Prevention*, 11(10 Pt.1), pp. 1025-1032.

- Lee, SO. *et al.* (2008) ‘Suppression of PMA-induced Tumor Cell invasion by Capillarisin via The Inhibition of NF-kappaB-dependent MMP-9 Expression’, *Biochemical and Biophysical Research Communications*, 366(4), pp. 1019-1024.
- Leitner, B.P. *et al.* (2022) ‘Insulin and Cancer: a tangled web’, *Biochemical Journal*, 479(5), pp. 583-607.
- Leong, S.P. and Witte, M.H. (2024) ‘Cancer metastasis through the lymphatic versus blood vessels’, *Clinical & Experimental Metastasis*, 41(4), pp. 387–402.
- Lewin, S. (2009) *Methods to Synthesise Qualitative Evidence Alongside a Cochrane Intervention Review*. London: London School of Hygiene and Tropical Medicine.
- Li, D. *et al.* (2024) ‘The roles of EGCG in tumor microenvironment, metabolic reprogramming, and immunotherapy’, *Frontiers in Immunology*, 15, 1331641.
- Li, M., Li, J. and Gu, Q. (2016) ‘EGCG induces lung cancer A549 cell apoptosis by regulating Ku70 acetylation’, *Oncology Reports*, 35, pp. 2339–2347.
- Li, MJ. *et al.* (2014) ‘Green Tea Compounds in Breast Cancer Prevention and Treatment’, *World Journal of Clinical Oncology*, 5(3), pp. 520-528.
- Liambo, I.S., Fristiohady, A. and Malaka, M.H. (2022) ‘Review: Patofisiologi, Epidemiologi dan Lini Sel Kanker Payudara’, *Pharmauho: Jurnal Farmasi, Sains, dan Kesehatan*, 8(1), pp. 17-22.
- Liang Y.C. *et al.* (1997) ‘Suppression of extracellular signals and cell proliferation through EGF receptor binding by (-)-epigallocatechin gallate in human A431 epidermoid carcinoma cells’, *Journal of Cellular Biochemistry*, 67(1), pp. 55–65.
- Liang, Y.C. *et al.* (1999) ‘Inhibition of Cyclin-dependent Kinases 2 and 4 Activities as Well as Induction of Cdk Inhibitors p21 and p27 During Growth Arrest of Human Breast Cancer Carcinoma Cells by (-)-epigallocatechin-3-gallate’, *Journal of Cellular Biochemistry*, 75(1), pp. 1-12.
- Lim, Y.C. *et al.* (2008) ‘(-) Epigallocatechin-3-gallate (EGCG) inhibits HGF-induced invasion and metastasis in hypopharyngeal carcinoma cells’, *Cancer Letters*, 27(1), pp. 140-152.
- Lin, C. *et al.* (2004) ‘Hypoxia induces HIF-1alpha and VEGF expression in chondrosarcoma cells and chondrocytes’, *Journal of Orthopaedic Research*, 22(6), pp. 1175-1181.

- Lipinski, C.A. *et al.* (2012) ‘Experimental and computational approaches to estimate solubility and permeability in drug discovery and development settings’, *Advanced Drug Delivery Review*, 46(1-3), pp. 3–26.
- Liu, C. *et al.* (2019) ‘Advances in the Antagonism of Epigallocatechin-3-gallate in the Treatment of Digestive Tract Tumors’, *Molecules*, 24, 1726.
- Liu, J. *et al.* (2016) ‘Theanine from tea and its semi-synthetic derivative TBrC suppress human cervical cancer growth and migration by inhibiting EGFR/met-Akt/NF- κ Bsignaling’, *European Journal of Pharmacology*. 791, pp. 297–307.
- Liwidjaja-Kuntaraf, K. and Kuntaraf J.O. (2018) *Mengenal Kanker dan Antikanker*, Bandung: Indonesia Publishing House.
- Llaverias, G. *et al.* (2011) ‘Role of cholesterol in the development and progression of breast cancer’, *The American Journal of Pathology*, 178(1), pp. 402-412.
- Lofterod, L. *et al.* (2018) ‘Impact of Prediagnostic Tryglicerides and HDL-Cholesterol on Breast Cancer Recurrence and Survival Cancer by Breast Cancer Subtypes’, *BMC Cancer*, 18(1), 654.
- Luo, H. *et al.* (2019) ‘Naturally Occurring Ati-cancer Compounds: Shining from Chinese Herbal Medicine’, *Chinese Medicine*, 14(48).
- Luo, HQ, *et al.* (2014) ‘EGCG decreases the expression of HIF-1 α and VEGF and cell growth in MCF-7 breast cancer cells’, *Journal of B.U.ON*, 19(2), pp. 435-439.
- MacDougall, J.R. and Matriesian, L.M. (1995) ‘Contributions of Tumor and Stromal Matrix Metalloproteinase to Tumor Progression’, *Cancer Metastasis Reviews*, 14(4), pp. 351-362.
- Magalhães, A. *et al.* (2024) ‘A high-cholesterol diet promotes the intravasation of breast tumor cells through an LDL–LDLR axis’, *Scientific Reports*, 14(1), 9471.
- Mak, J.C.W. (2012) ‘Potential Role of Green Tea Catechins in Various Disease Therapies: Progress and Promise’, *Clinical and Experimental Pharmacology & Physiology*, 39(3), pp. 265-273.
- Marais, A.D. *et al.* (2015) ‘PCSK9 inhibition in LDL cholesterol reduction: genetics and therapeutic implications of very low plasma lipoprotein level’, *Pharmacology & Therapeutics*. 145, pp. 58–66.
- Mardilovich, K., Pankratz, S.L. and Shaw, L.M. (2009) ‘Expression and function of the insulin receptor substrate proteins in cancer’, *Cell Communication and Signalling*, 7(14).

- Martin, L.J. and Boyd, N.F. (2008) 'Mammographic density. Potential mechanisms of breast cancer risk associated with mammographic density: hypotheses based on epidemiological evidence', *Breast Cancer Research*, 10(1), 201.
- Marzec, K.A., Baxter, R.C. and Martine, J.L. (2015) 'Targeting Insulin-like Growth Factor Binding Protein -3 signaling in Triple-Negative Breast Cancer', *Biomed Research International*, 638526.
- Masuda M, et al. (2002) 'Epigallocatechin-3-gallate decreases VEGF production in head and neck and breast carcinoma cells by inhibiting EGFR-related pathways of signal transduction', *Journal of Experimental Therapeutics & Oncology*, 2(6), pp. 350–359.
- Matrisian, L.M. (1990) 'Metalloproteinases and Their Inhibitors in Matrix Remodeling', *Trends in Genetics*, 6(4), pp. 121-125.
- Mazzanti, G., Di Sotto, A. and Vitalone, A. (2015) 'Hepatotoxicity of green tea: an update', *Archive of Toxicology*, 89(8), pp. 1175–1191.
- McCawley, LJ. and Matrisian, LM. (2006) 'Matrix Metalloproteinases: Multifunctional Contributors to Tumor Progression', *Molecular Medicine Today*, 6(4), pp. 149-156.
- McCormack, V.A. and dos Santos, I. (2006) 'Breast density and parenchymal patterns as markers of breast cancer risk: a meta-analysis', *Cancer Epidemiology, Biomarkers & Prevention*, 15(6), pp. 1159–1169.
- McLarty, J. et al. (2009) 'Tea polyphenols decrease serum levels of prostate-specific antigen, hepatocyte growth factor, and vascular endothelial growth factor in prostate cancer patients and inhibit production of hepatocyte growth factor and vascular endothelial growth factor in vitro', *Cancer Prevention Research (Phila)*, 2(7), pp. 673–682.
- McLaughlin, T. et al. (2005) 'Is there a simple way to identify insulin-resistant individuals at increased risk of cardiovascular disease?', *The American Journal of Cardiology*. 96(3), pp. 399–404.
- Meggiorini, M.L. et al. (2008) 'Tamoxifen in women with breast cancer and mammographic density', *European Journal of Gynaecological Oncology*, 29(6), pp. 598-601.
- Mehlen, P. and Puisieux, A. (2006) 'Metastasis: A Question of Life or Death', *Nature Reviews Cancer*, 6(6), pp. 449-458.

- Mendonsa, A.M., Na, TY. and Gumbiner, B.M. (2018) ‘E-cadherin in contact inhibition and cancer’, *Oncogene*, 37(35), pp. 4769–4780.
- Menon, G., Alkabban, F.M. and Ferguson, T. (2024) ‘Breast Cancer’, *StatPearls [Internet]*. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK482286/>
- Miccoli, R. *et al.* (2008) ‘Insulin resistance and lipid disorder’, *Future Lipidology*, 3, pp. 651-664.
- Min, KW., Lee, SH. and Baek, S.J. (2016) ‘Moonlighting proteins in cancer’, *Cancer Letters*, 370(1), pp. 108–116.
- Miranti, Yeni, L.F. and Nurdini, A. (2014) ‘Uji Potensi Anti Kanker Ekstrak Biji Pinang Merah dan Implementasinya dalam Pembelajaran Mitosis’, *Jurnal Pendidikan dan Pembelajaran Untan*, 3(11).
- Molinaro, A. *et al.* (2019) ‘Insulin-driven PI3K-AKT signaling in the hepatocyte is mediated by redundant PI3K α and PI3K β activities and is promoted by RAS’, *Cell Metabolism*, 29(6), pp. 1400–1409.e5.
- Moradzadeh, M. *et al.* (2017) ‘Epigallocatechin-3-gallate Promotes Apoptosis in Human Breast Cancer T47D Cells Through Down-regulation of PI3K/AKT and Telomerase’, *Pharmacological Reports*, 69(5), pp. 924-928.
- Moukassa, S. *et al.* (2018) ‘Virus Induced Cancers in Africa: Epidemiology and Carcinogenesis’, *Open Journal of Pathology*, 08(01), pp. 1-14.
- Mueller, M.M. and Fusenig, N.E. (2004) ‘Friends or foes-bipolar effects of the tumour stroma in cancer’, *Nature Reviews Cancer*. 4(11). pp. 839-849.
- Mukhtar, H. and Ahmad, N. (2000) ‘Tea Polyphenols: Prevention of Cancer and Optimizing Health’, *The American Journal of Clinical Nutrition*, 71(Suppl 6), pp. 1698S-1702S.
- Murakami, A. (2014) ‘Dose-dependent functionality and toxicity of green tea polyphenols in experimental rodents’, *Archives of Biochemistry and Biophysics*, 557, pp. 3–10.
- Myers, M.G. *et al.* (1994) ‘Role of IRS-1-GRB-2 complexes in insulin signaling’, *Molecular and Cellular Biology*, 14, pp. 3577–3587.
- Nafisa, N. *et al.* (2022) ‘Quick Response Code Indonesian Standard (QRIS) Payment in Indonesian MSMEs: A Bibliometric Study’, *Journal of Pharmaceutical Negative Results*, 13(10), pp. 12523-1233.

- Nakachi, K. *et al.* (1998) ‘Influence of Drinking Green Tea on Breast Cancer Malignancy among Japanese Patients’, *Japanese Journal of Cancer Research*, 89(3), pp. 254-261.
- Nagao, H. *et al.* (2021) ‘Distinct signaling by insulin and IGF-1 receptors and their extra- and intracellular domains’, *Proceedings of the National Academic of Sciences of the Unites States of America*, 118, e2019474118
- Nagata, C., Kabuto, M. and Shimizu, H. (1998) ‘Association of coffee, green tea, and caffeine intakes with serum concentrations of estradiol and sex hormone-binding globulin in premenopausal Japanese women’, *Nutrition and Cancer*, 30(1), pp. 21–24.
- National Breast and Ovarian Cancer Centre, (2009) ‘Breast Cancer in Australia: an Overview, 2009’, *Australian Institute of Health and Welfare Canberra*, Cancer Series Number 50.
- National Cancer Institute, (2018) ‘*Cancer Causing Substances in The Environment*’, USA: National Cancer Institute, 89(3), pp. 254-261.
- National Cancer Institute. (2018) ‘Cancer Causing Substances in The Environment’, *National Cancer Institute [Internet]*. Available at: <https://www.cancer.gov/about-cancer/causes-prevention/risk/substances>
- Nelson, E.R., Chang, CY. and McDonell, D.P. (2014) ‘Cholesterol and Breast Cancer Pathophysiology’, *Trends in Endocrinology and Metabolism*, 25(12), pp.649-655.
- Nelson, E.R., *et al.* (2013) ‘27-Hydroxycholesterol links hypercholesterolemia and breast cancer pathophysiology’, *Science*, 342(6162), pp. 1094–1098.
- Nemazanyy, I. *et al.* (2013) ‘Role of PI3 K, mTOR and Akt2 signalling in hepatic tumorigenesis via the control of PKM2 expression’, *Biochemical Society Transactions*, 41(4), pp. 917–922.
- Nieto, M.A. *et al.* (2016) ‘EMT: 2016’, *Cell*, 166(1), pp. 21–45.
- Niu, G. and Chen, X. (2010) ‘Vascular Endothelial Growth Factor as an Anti-angiogenic Target for Cancer Therapy’, *Current Drug Targets*, 11(8), pp. 1000–1017.
- Novikov, N.M. *et al.* (2021) ‘Mutational Drivers of Cancer Cell Migration and Invasion’, *British Journal of Cancer*, 124(1), pp. 102-114.

- Nursalam *et al.* (2020) ‘Pedoman Penyusunan Literature Dan Systematic Review’. Available at: <https://ners.unair.ac.id/site/index.php/download/category/6-bidang-akademik?download=265:pedoman-systematic-dan-literature-review>.
- O’Shaughnessy, J. (2005) ‘Extending Survival with Chemotherapy in Metastatic Breast Cancer’, *The Oncologist*, 10(Suppl 3), pp. 20-29.
- Ouyang, J. *et al.* (2020) ‘Prooxidant Effects of Epigallocatechin-3-Gallate in Health Benefits and Potential Adverse Effect’ *Oxidative Medicine and Cellular Longevity*, 9723686.
- Page, M.J. and Moher, D. (2017) ‘Evaluations of The Uptake and Impact of The Preferred Reporting Items for Systematic Reviews and Meta-Analyses (PRISMA) Statement and extensions: A coping Review’, *Systematic Reviews*, 6(1), 263.
- Paluch-Shimon, S. *et al.* (2016) ‘Prevention and screening in BRCA mutation carriers and other breast/ovarian hereditary cancer syndromes: ESMO Clinical Practice Guidelines for cancer prevention and screening’. *Annals of Oncology*, 27(5), pp. 103-110.
- Park, J.H. *et al.* (2016) ‘Fatty acid oxidation-driven Src links mitochondrial energy reprogramming and oncogenic properties in triple negative breast Cancer’, *Cell Reports*, 14(9), pp. 2154–2165.
- Park, M. *et al.* (2022) ‘Breast Cancer Metastasis: Mechanisms and Therapeutic Implications’, *International Journal of Molecular Sciences*, 23(12), 6806.
- Peinado, H., Olmeda, D. and Cano, A. (2007) ‘Snail, Zeb and bHLH Factors in Tumour Progression: An Alliance Against The Epithelial Phenotype?’, *Nature Reviews Cancer*, 7(6), pp. 415-428.
- Pelton, K. *et al.* (2014) ‘Hypercholesterolemia induces angiogenesis and accelerates growth of breast tumors in vivo’, *The American Journal of Pathology*, 184(7), pp. 2099-2110.
- Peristiowati, Y. (2016) *Monograf Catechins Green Tea GMB-4 Sebagai Antidiabetik*, Yogyakarta: Indonesia Pustaka.
- Perks, C.M. (2023) ‘Role of the Insulin-like Growth Factor (IGF) Axis in Diseases’, *International Journal of Molecular Science*, 24(23), 16969.
- Perrot-Applanat, M. and Benedetto, M.D. (2012) ‘Autocrine functions of VEGF in breast tumor cells Adhesion, survival, migration and invasion’, *Cell Adhesion & Migration*, 6(6), pp.547-553.

- Perry, A. and Hammond, N. (2002) ‘Systematic Review: The Experience of a PhD Student’, *Psychology Learning and Teaching*, 2(1), pp. 32-35.
- Pianetti, S. et al. (2002) ‘Green tea polyphenol epigallocatechin-3 gallate inhibits her-2/neu signaling, proliferation, and transformed phenotype of breast cancer cells’, *Cancer Research*, 62(3), pp. 652–655
- Pursell, E. and Mccrae, N. (2020) *How to Perform A Systematic Literature Review*, Switzerland: Springer Nature.
- Porter, A.L., Kongthon, A. and Lu, JC. (2002) ‘Research Profiling: Improving The Literature Review’, *Scientometrics*, vol. 53, pp. 351-370.
- Pollak, M.N., Schernhammer, E.S. and Hankinson, S.E. (2004) ‘Insulin-like growth factors and neoplasia’, *Nature Reviews Cancer*, 4(7), pp. 505–518.
- Pradana, M. et al. (2023) ‘A Guidance to Systematic Literature Review to Young Researchers by Telkom University and The University of Turin’, *To Maega Jurnal Pengabdian Masyarakat*, 6(2), pp. 409-417.
- Pradana, M., Elisa, H.P. and Syarifuddin, S. (2023) ‘The Growing Trend of Islamic Fashion: A Bibliometric and Analysis’, *Cogent Social Sciences*, 9(1), 2184557.
- Raederstorff, D. et al. (2003) ‘Effect of EGCG on Lipid Absorption and Plasma Lipid Levels in Rats’, *The Journal of Nutritional Biochemistry*, 14(6), pp. 326-332.
- Rahayu, R.N. and Tupan, T. (2020) ‘Studi Bibliometrik Artikel Jurnal Perpustakaan Pertanian Periode 2013-2017’, *Jurnal Perpustakaan Pertanian*, 27(2), pp. 44-50.
- Ramachandran, B. et al. (2016) ‘Repeated dose studies with pure Epigallocatechin-3-gallate demonstrated dose and route dependant hepatotoxicity with associated dyslipidemia’, *Toxicology Reports*, 3, pp. 336–345.
- Rhee, JS. and Coussens, L.M. (2002) ‘RECKing MMP Function: Implications for Cancer Development’, *Trends in Cell Biology*, 12(5), pp. 209-211.
- Richardson Dr., K. et al. (2013) ’Statins and cognitive function: A systematic review’, *Annals of Internal Medicine*, 159(10), pp. 688–697.
- Russo, J. and Russo, I.H. (2004) ‘Genotoxicity of steroidal estrogens’, *Trends in Endocrinology and Metabolism*, 15(5), pp. 211–214.
- Sa’adah N.N, Nurhayati, A.P.D. and Shovitri, M. (2016) ‘The Anticancer Activity of the Marine Sponge Aaptos suberitoides to Protein Profile of Fibrosarcoma Mice

- (*Mus musculus*)’, *IPTEK: The Journal for Technology and Science*, 27(3), pp. 53-58.
- Sabatine, M.S. (2019) ‘PCSK9 inhibitors: clinical evidence and implementation’, *Nature Reviews Cardiology* 16(3), pp. 155–65.
- Sainsbury, J.R.C., Anderson, T.J. and Morgan, D.A.L. (2000) ‘Breast Cancer’, *BMJ*, 321(7263), pp. 745-750.
- Saito, N. *et al.* (2007) ‘A Double Three-step Theory of Brain Metastasis in Mice: The Role of The Pia Mater and Matrix Metalloproteinases’, *Neuropathology and Applied Neurobiology*, 33(3), pp. 288-298.
- Samavat, H. and Kurzer, M.S. (2015) ‘Estrogen metabolism and breast cancer’, *Cancer Letters*, 356(2 Pt A), pp. 231-243.
- Samavat, H. *et al.* (2016) ‘Effects of green tea catechin extract on serum lipid in postmenopausal women: a randomized, placebo-controlled clinical trial’, *The American Journal of Clinical Nutrition*, 104(6), pp. 1671-1682.
- Samavat, H. *et al.* (2017) ‘A Randomized Controlled Trial of Green Tea Extract Supplementation and Mammographic Density in Postmenopausal Women at Increased Risk of Breast Cancer’, *Cancer Prevention Research (Phila)*, 10(12), pp. 710-718.
- Samavat, H. *et al.* (2019) ‘Green Tea Catechin Extract Supplementation Does Not Influence Circulating Sex Hormones and Insulin-Like Growth Factors Axis Proteins in a Randomized Controlled Trial of Postmenopausal Women at High Risk of Breast Cancer’, *The Journal of Nutrition*, 149(4), pp. 619-627.
- Sang, S. *et al.* (2011) ‘The Chemistry and Biotransformation of Tea Constituents’, *Pharmacological Research*, 64(2), pp. 87-99.
- Sarbassov, D.D., Ali, S.M. and Sabatini, D.M. (2005) ‘Growing roles for the mTOR pathway’, *Current Opinion in Cell Biology*, 17(6), pp. 596–603.
- Sarma, D.N. *et al.* (2008) ‘Safety of green tea extracts: a systematic review by the US Pharmacopeia’, *Drug Safety*, 31/8(6), pp. 469–484.
- Sartippour, M.R. *et al.* (2001) ‘Green Tea and Its Catechins Inhibit Breast Cancer Xenografts’, *Nutrition and Cancer*, 40(2), pp. 149-156.
- Shanafelt, T.D. *et al.* (2013) ‘Phase 2 trial of daily, oral polyphenon E in patients with asymptomatic, Rai stage 0 to II chronic lymphocytic leukemia’, *Cancer*, 119(2), pp. 363–370.

- Secinaro, S. *et al.* (2022) ‘Electric Vehicles Consumer Behaviours: Mapping the Field and Providing A Research Agenda’, *Journal of Business Research*, vol. 150, pp. 399-416.
- Sen, T. and Chatterjee, A. (2011) ‘Epigallocatechin-3-gallate (EGCG) Downregulates EGF - Induced MMP-9 in Breast Cancer Cells: Involvement of Integrin Receptor $\alpha 5\beta 1$ in the process’, *European Journal of Nutrition*, 50(6), pp. 465-478.
- Sen, T. Dutta, A. and Chatterjee, A. (2010) ‘Epigallocatechin-3-gallate (EGCG) downregulates gelatinase-B (MMP-9) by involvement of FAK/ERK/NFkappaB and AP-1 in the human breast cancer cell line MDA-MB-231’, *Anti-Cancer Drugs*, 21(6), pp. 632–644.
- Sen, T. *et al.* (2009) ‘Multifunctional effect of epigallocatechin-3-gallate (EGCG) in downregulation of gelatinase-a (MMP-2) in human breast cancer cell line MCF-7’, *Life Science*, 84(7-8), pp. 194–204.
- Shammas, M.A. *et al.* (2006) ‘Specific Killing of Multiple Myeloma Cells by (-)-epigallocatechin-3-gallate Extracted from Green Tea: Biologic Activity and Therapeutic Implications’, *Blood*, 108(8), pp. 2804-2810.
- Sharma, R. (2012) ‘Cancer Chemoprevention: Prevention is Better than Cure’, *Cancer Science Therapy*, S3, e001.
- Shimizu, M. *et al.* (2008) ‘Green Tea Extracts for The Prevention of Metachronous Colorectal Adenomas: A Pilot Study’, *Cancer Epidemiology Biomarkers & Prevention*, 17(11), pp. 3020-3025.
- Shimizu, M. *et al.* (2010) ‘Epigallocatechingallate inhibits growth and activation of the VEGF/VEGFRaxis in human colorectal cancer cells’, *Chemico-Biological Interaction*, 185(3), pp. 247–252
- Singh, B.N., Shankar, S. and Srivastava, R.K. (2011) ‘Green tea catechin, Epigallocatechin-3-gallate (EGCG): Mechanisms, Perspectives and Clinical Applications’, *Biochemical Pharmacology*, 82(12), pp. 1807-1821.
- Siregar, K. *et al.* (2021) *Langkah Demi Langkah Systematic Literature Review dan Meta-Analysis di Bidang Kesehatan*, Jakarta: UI Publishing.
- Siregar, M.N., Fatmah, and Sartika, RAD. (2020) ‘Analisis Faktor Utama Kadar Trigliserida Abnormal Pada Penduduk Dewasa di Indonesia’, *Jurnal Delima Harapan*, 7(2), pp. 118-127.

- Siswanto, Siswanto. (2010) ‘Systematic Review Sebagai Metode Penelitian Untuk Mensintesis Hasil-Hasil Penelitian (Sebuah Pengantar)’, *Buletin Penelitian Sistem Kesehatan*, 13(4), pp. 326-333.
- Sofa, T., Wardiyah, A. and Rilyani, R. (2024) ‘Faktor Risiko Kanker Payudara Pada Wanita’, *Jurnal Penelitian Perawat Profesional*, 6(2), pp. 493-502.
- Spinella, F. et al. (2006) ‘Green Tea Polyphenol Epigallocatechin-3-gallate Inhibits the Endothelin Axis and Downstream Signaling Pathways in Ovarian Carcinoma’, *Molecular Cancer Therapeutics*, 5(6), pp. 1483-1492.
- Sporikova, Z. et al. (2018) ‘Genetic Markers in Triple-Negative Breast Cancer’, *Journal Clinical Breast Cancer*, 18(5), pp. 841-850.
- Stewart, B.W. and Wild, C.P. (2014) ‘World Cancer Report 2014’, *International Agency for Research on Cancer 2014*.
- Sun, Y.S. et al. (2017) ‘Risk Factors and Preventions of Breast Cancer’, *International Journal of Biological Sciences*, 13(11), pp. 1387-1397.
- Suryanara, T.M.V. and Mistey, P.B. (2016) ‘Principal Component Regression for Crop Yield Estimation: Review of literature’, *SpringerBriefs in Applied Sciences and Technology*.
- Tachibana, H. et al. (2004) ‘A receptor for green tea polyphenol EGCG’, *Nature Structural & Molecular Biology*, 11(4), pp. 380–381.
- Terao, J., Piskula, M. and Yao, Q. (1994) ‘Protective Effect of Epicatechin, Epicatechin Gallate, and Quercetin on Lipid Peroxidation in Phospholipid Bilayers’, *Archives of Biochemistry Biophysics*, 308(1), pp. 278-284.
- Thomas, M.P. and Potter, B.V. (2013) ‘The structural biology of oestrogen metabolism’, *The Journal of Steroid Biochemistry and Molecular Biology*, 137, pp. 27-49.
- Tsao, A.S. et al. (2009) ‘Phase II Randomized, Placebo-controlled Trial of Green Tea Extract in Patients with High-risk Oral Premalignant Lesions’, *Cancer Prevention Research (Philadelphia)*, 2(11), pp. 931-941.
- Tsukamoto, S. et al. (2012) ‘Green Tea Polyphenol EGCG Induces Lipid-raft Clustering and Apoptotic Cell Death by Activating Protein Kinase C δ and Acid Sphingomyelinase through A 67 kDa Laminin Receptor in Multiple Myeloma Cells’, *Biochemical Journal*, 443(2), pp. 525-534.

- Tsukamoto, S. et al. (2014) '67-kDa Laminin Receptor-dependent Protein Phosphatase 2A (PP2A) Activation Elicits Melanoma-specific Antitumor Activity Overcoming Drug Resistance', *Journal of Biological Chemistry*, 289(47), pp. 32671-32681.
- Uluyol, B. et al. (2021) 'Mapping Waqf Research: A Thirty-year Bibliometrics Analysis', *Journal of Islamic Accounting and Business Research*, 12(5), pp. 748-767.
- Umeda, D. et al. (2008) 'Green Tea Polyphenol Epigallocatechin-3-gallate Signaling Pathway Through 67-kDa Laminin Receptor', *The Journal of Biological Chemistry*, 283(6), pp. 3050-3058.
- Urban, D. et al. (2013) 'Targeting the proprotein convertase subtilisin/kexin type 9 for the treatment of dyslipidemia and atherosclerosis', *Journal of the American College of Cardiology*, 62(16), pp. 1401-1408.
- Ursin, G. et al. (2003) 'Mammographic density and breast cancer in three ethnic groups', *Cancer Epidemiology, Biomarkers & Prevention*, 12(4), pp. 332–338.
- Van Aller G.S. et al. (2011) 'Epigallocatechin gallate (EGCG), a major component of green tea, is a dual phosphoinositide-3-kinase/mTOR inhibitor', *Biochemical and Biophysical Research Communications*, 406(2), pp. 194–199.
- Van den Steen, P.E. et al. (2002) 'Biochemistry and Molecular Biology of Gelatinase B or Matrix Metalloproteinase-9 (MMP-9)', *Critical Reviews in Biochemistry and Molecular Biology*, 37(6), pp. 375-536.
- Verma, R.P. and Hansch, C. (2007) 'Matrix Metalloproteinases (MMPs): Chemical-biological Functions and (Q) SARs', *Bioorganic & Medicinal Chemistry*, 15(6), pp. 2223-2268.
- Veterini, L. et al. (2024) 'Pemanfaatan Teh Hijau Sebagai Antioksidan dan ANtikanker di Pondok Pesantren Al Hikam Bangkalan', *Community Development Journal*, 5(6), pp. 11092-11095.
- Viengchareun, S. et al. (2002) 'Brown adipocytes are novel sites of expression and regulation of adiponectin and resistin', *FEBS Letters*, 532(3), pp.345–350.
- Vigneri, R., Sciaca, L. and Vigueri, P. (2020) 'Rethinking the Relationship between Insulin and Cancer', *Trends in Endocrinology and Metabolism*, 31(8), pp. 551-560.
- Vollmers, H.P. and Brandelin, S. (2009) 'Natural Antibodies and Cancer', *New Biotechnology*, 25(5), pp. 294-298.

- Wang, H., Bian, S. and Yang, C.S. (2011) ‘Green Tea Polyphenol EGCG Suppresses Lung Cancer Cell Growth through Up-regulating miR-210 Expression caused by Stabilizing HIF-1 α ’, *Carcinogenesis*, 32(11). pp. 1881-1889.
- Wang, J. et al. (2018) ‘A prodrug of green tea polyphenol (–)-epigallocatechin-3-gallate (pro-EGCG) serves as a novel angiogenesis inhibitor in endometrial cancer’, *Cancer Letters*, 412, pp. 10–20.
- Wang, Y.Y. et al. (2017) ‘Mammary adipocytes stimulate breast cancer invasion through metabolic remodeling of tumor Cell’, *JCI Insight*, 2(4), e87489.
- Watanabe, H. et al. (1991) ‘Purification of Human Tumor Cell Autocrine Motility Factor and Molecular Cloning of Its Receptor’, *Journal of Biological Chemistry*, 266(20). pp. 13442-13448.
- Wei, R. et al. (2018) ‘Suppressing glucose metabolism with epigallocatechin-3-gallate (EGCG) reduces breast cancer cell growth in preclinical models’, *Food & Function*, 9(11), pp. 5682–5696.
- Wen, C. et al. (2017) ‘Unifying Mechanism in The Initiation of Breast Cancer by Metabolism of Estrogen’, *Journal Molecular Medicine Reports*, 16(2), pp. 1001-1006.
- Wen, YY. et al. (2017) ‘IGF-1-mediated PKM2/ β -catenin/miR-152 regulatory circuit in breast cancer’, *Scientific Reports*, 7(1), 15897.
- Werner, H., Weinstein, D. and Bentov, I. (2008) ‘Similarities and differences between insulin and IGF-I: structures, receptors, and signalling pathways’, *Archives of Physiology and Biochemistry*, 114, pp. 17–22.
- Wong, C.W., Dye, D.E. and Coombe, D.R. (2012) ‘The role of Immunoglobulin Superfamily Cell Adhesion Molecules in Cancer Metastasis’, *International Journal of Cell Biology*, 340296.
- Wu, A.H. et al. (2003) ‘Tea Intake, COMT Genotype, and Breasr Cancer in Asian-American Women’, *Cancer Research*, 63(21), pp. 7526–7529.
- Wu, A.H. et al. (2005) ‘Tea and circulating estrogen levels in postmenopausal Chinese women in Singapore’, *Carcinogenesis*, 26(5), pp. 976–980.
- Wu, Q. et al. (2013) ‘27-Hydroxycholesterol promotes cell-autonomous, ER-positive breast cancer growth’, *Cell Reports*, 5(3), pp. 637–645.

- Yang, CS. and Wang, ZY. (1993) 'Tea and Cancer', *Journal of The National Cancer Institute*, 85(13), pp. 1038–1049.
- Yang, C.S. et al. (2009) 'Cancer Prevention by Tea: Animal Studies, Molecular Mechanisms and Human Relevance', *Nature Reviews Cancer*, 9(6), pp. 429-439.
- Yang, C.S. et al. (2011) 'Cancer prevention by tea: Evidence from laboratory studies', *Pharmacological Research*, 64(2), pp. 113–122.
- Yang, J. Wei, D. and Liu, J. (2005) 'Repressions of MMP-9 expression and NF-kappaB localization are involved in inhibition of lung carcinoma 95-D cell invasion by (-)-epigallocatechin-3-gallate', *Biomedicine & Pharmacotherapy*, 59(3), pp. 98–103.
- Yang, J. and Weinberg, R.A. (2008) 'Epithelial-mesenchymal Transition: at The Crossroads of Development and Tumor Metastasis', *Developmental Cell*, 14(6), pp. 818-829.
- Yashin, A., Nemzer, B. and Yashin, A. (2012) 'Bioavailability of Tea Components', *Journal of Food Research*, 1(2), pp. 281-290.
- Yonezawa, K. et al. (1994) 'Signal transduction pathways from insulin receptors to Ras. Analysis by mutant insulin receptors', *Journal of Biological Chemistry*, 269(6), pp. 4634–4640.
- Yoon, MS. (2017) 'The role of mammalian target of rapamycin (mTOR) in insulin signaling', *Nutrients*, 9(11), E1176.
- Young, E. et al. (2010) 'SU11248, a selective tyrosine kinases inhibitor suppresses breast tumor angiogenesis and growth via targeting both tumor vasculature and breast cancer cells', *Cancer Biology and Therapy*, 10(7), pp. 703-711.
- Yudistira, A. (2017) 'Uji Aktivitas Anti Kanker Payudara Ekstrak Daun Sesewanua (Clerodendron squatum Vahl.) Terhadap Sel Kanker Payudara T47D', *Jurnal Ilmiah Farmasi - UNSRAT*, 6(2), pp. 45-51.
- Zetter, B.R. (1990) 'The Cellular Basis of Site-specific Tumor Metastasis', *The New England Journal of Medicine*, 329(9), pp. 605-612.
- Zhao, B.L. et al. (1989) 'Scavenging Effect of Extract of Green Tea and Natural Antioxidants on Active Oxygen Radicals', *Cell Biophysics*, 14(2), pp. 175-185.
- Zhang, G. et al. (2012) 'Anti-Cancer Activities of Tea Epigallocatechin-3-Gallate in Breast Cancer Patients under Radiotherapy', *Current Molecular Medicine*, 12(2), pp. 163–176.

- Zhang, Q. *et al.* (2006) ‘Green tea extract and (-)-epigallocatechin-3-gallate inhibit hypoxia- and serum-induced HIF-1alpha protein accumulation and VEGF expression in human cervical carcinoma and hepatoma cells’, *Molecular Cancer Therapeutics*, 5(5), pp.1227-1238.
- Zhang, S. *et al.* (2003) ‘The role of the Grb2-p38 MAPK signaling pathway in cardiac hypertrophy and fibrosis’, *The Journal of Clinical Investigation*, 111(6), pp. 833–841.
- Zhang, W. and Liu, H.T. (2002) ‘MAPK signal pathways in the regulation of cell proliferation in mammalian cells’, *Cell Research*, 12(1), pp. 9–18.
- Zhang, Y. *et al.* (2015) ‘Epigallocatechin-3-gallate Induces the Apoptosis of Hepatocellular Carcinoma LM6 Cells but Not Noncancerous Liver Cells’, *International Journal of Molecular Medicine*, 35(1), pp. 117-124.
- Zhu, M., Chen, Y. and Li, R.C. (2000) ‘Oral Absorption and Bioavailability of Tea Catechins’, *Planta Medica*, 66(5), pp. 444-447.
- Zielinska, H. *et al.* (2020) ‘Interaction between GRP78 and IGFBP-3 Affects tumourigenesis and prognosis in Breast Cancer Patients’, *Cancers (Basel)*, 12(12), 382.
- Ziemke, F. and Mantzoros, C.S. (2010) ‘Adiponectin in insulin resistance; lessons from translational research’, *The American Journal of Clinical Nutrition*, 91(1), pp. 258S-261S.