

DAFTAR PUSTAKA

- Abdel-Magid, A. F. (2018). Gpr40 Receptor Agonists For The Treatment Of Type 2 Diabetes And Related Diseases. *Acs Medicinal Chemistry Letters*, 9(9), 870–871. <https://doi.org/10.1021/acsmmedchemlett.8b00343>.
- Addepalli, V., & Suryavanshi, S. V. (2018). *Catechin* Attenuates Diabetic Autonomic Neuropathy In Streptozotocin Induced Diabetic Rats. *Biomedicine & Pharmacotherapy*, 108, 1517–1523. <https://doi.org/10.1016/j.biopha.2018.09.179>.
- Adriani. (2018). *Prediksisenyawa Bioaktif Dari Tanaman Sanrego (Lunasia Amara Blanco) Sebagai Inhibitor Enzim Siklooksigenase-2 (Cox-2) Melalui Pendekatan Molecular Docking*.
- Ajisaka, & Sandiantoro. (2012). *Teh : Khasiatnya Dahsyat* (Sandiantoro, Ed.).
- Akbar, N.A., Amin, S., & Wulandari, W. T. (2022). Studi In Silico Senyawa Yang Terkandung Dalam Tanaman Daun Sirih Merah (Piper Crocatum Ruiz & Pav) Sebagai Kandidat Anti Sars Cov-2. *Ejurnal Universitas Bth*, 2, 378–391.
- Amalia, R., & Ruswanto. (2019). Molecular Dinamik Senyawa Turunan Benzimidazol Sebagai Inhibitor Kolinesterase. *Researchgate*. <https://www.researchgate.net/publication/335601715>
- Bachtiar, K. R., Susanti, S., & Mardianingrum, R. (2021). Uji Aktivitas Antiinflamasi Senyawa Dalam Minyak Atsiri Rimpang Bangle (Zingiber Purpureum Roxb) Secara In Silico. *Journal Of Pharmacopolium*, 4(1), 36–43. <https://doi.org/10.36465/jop.v4i1.719>
- Baroroh, U., Muscifa, Z. S., Destiarani, W., Rohmatullah, F. G., & Yusuf, M. (2023). Molecular Interaction Analysis And Visualization Of Protein-Ligand Docking Using Biovia Discovery Studio Visualizer. *Indonesian Journal Of Computational Biology (Ijcb)*, 2(1), 22. <https://doi.org/10.24198/ijcb.v2i1.46322>
- Berutu, M., Zebua, Y. R., Telaumbanua, A., Program, S., Keperawatan, S. S., Keperawatan, F., & Kebidanan, D. (2021). *Penurunan Distress Lansia*

Dengan Diabetes Melalui Senam Ergonomis.

[Http://Jurnal.Globalhealthsciencegroup.Com/Index.Php/Jppp](http://Jurnal.Globalhealthsciencegroup.Com/Index.Php/Jppp)

Cabrera, C., Artacho, R., & Giménez, R. (2006). Beneficial Effects Of Green Tea—A Review. *Journal Of The American College Of Nutrition*, 25(2), 79–99. <https://doi.org/10.1080/07315724.2006.10719518>

Chen, X., Li, H., Tian, L., Li, Q., Luo, J., & Zhang, Y. (2020). Analysis Of The Physicochemical Properties Of Acaricides Based On Lipinski's Rule Of Five. *Journal Of Computational Biology*, 27(9), 1397–1406. <https://doi.org/10.1089/Cmb.2019.0323>

Chikhale, H. U., & Nerkar, A. (2020). Review On In-Silico Techniques An Approach To Drug Discovery. *Current Trends In Pharmacy And Pharmaceutical Chemistry*, 2(1), 24–32.

D'Andrea, G. (2015). *Quercetin: A Flavonol With Multifaceted Therapeutic Applications?*. *Fitoterapia*, 106, 256–271.

Daina, A., Michielin, O., & Zoete, V. (2017). Swissadme: A Free Web Tool To Evaluate Pharmacokinetics, *Drug-likeness* And Medicinal Chemistry Friendliness Of Small Molecules. *Scientific Reports*, 7(1), 42717.

Decroli, E., Manaf, A., Syahbuddin, S., Syafrita, Y., & Dillasamola, D. (2019). The Correlation Between Malondialdehyde And Nerve Growth Factor Serum Level With Diabetic Peripheral Neuropathy Score. *Open Access Macedonian Journal Of Medical Sciences*, 7(1), 103–106. <https://doi.org/10.3889/Oamjms.2019.029>

Deng, S., Li, A., & Zhang, Y. (2023). Discovery Of The New Alpha-Glucosidase Inhibitor With Therapeutic Potential In Type 2 Diabetes Mellitus By A Novel High-Throughput Virtual Screening And Free Energy Evaluation. *Journal Of Molecular Graphics And Modelling*, 121, 108447. <https://doi.org/10.1016/J.Jmgm.2023.108447>

Dermawan, D., Sumirtanurdin, R., & Dewantisari, D. (2019). Molecular Dynamics Simulation Estrogen Receptor Alpha Againsts Andrographolide As Anti Breast Cancer. *Indonesian Journal Of Pharmaceutical Science And Technology*, 6(2), 65. <https://doi.org/10.24198/Ijpst.V6i2.18168>

- Di, L., & Kerns, E. H. (2015). *Drug-Like Properties: Concepts, Structure Design And Methods*. Academic Press.
- Erickson, J. A., Jalaie, M., Robertson, D. H., Lewis, R. A., & Vieth, M. (2004). Lessons In Molecular Recognition: The Effects Of Ligand And Protein Flexibility On Molecular *Docking* Accuracy. *Journal Of Medicinal Chemistry*, 47(1), 45–55. <https://doi.org/10.1021/Jm030209y>
- Forli, S., Huey, R., Pique, M. E., Sanner, M. F., Goodsell, D. S., & Olson, A. J. (2016). Computational Protein–Ligand *Docking* And Virtual Drug Screening With The Autodock Suite. *Nature Protocols*, 11(5), 905–919. <https://doi.org/10.1038/Nprot.2016.051>
- Fransiski, C. H., Hami Seno, D. S., & Safithri, M. (2023). Identifikasi Senyawa Pada Batang Krokot (*Portulaca Oleracea* L.) Dan Potensinya Sebagai Aktivator Superoksida Dismutase In Silico. *Jurnal Farmamedica (Pharmamedica Journal)*, 8(1), 85–94. <https://doi.org/10.47219/Ath.V8i1.197>
- Ganguly, A., Tsai, H. C., Fernández-Pendás, M., Lee, T. S., Giese, T. J., & York, D. M. (2022). Amber Drug Discovery Boost Tools: Automated Workflow For Production Free-Energy Simulation Setup And Analysis (Professa). *Journal Of Chemical Information And Modeling*, 62(23), 6069–6083. <https://doi.org/10.1021/Acs.Jcim.2c00879>
- Ghose, A. K., *Et al.* (1999). *A Knowledge-Based Approach In Designing Combinatorial Or Medicinal Chemistry Libraries For Drug Discovery*. *Journal Of Combinatorial Chemistry*, 1(1), 55–68.
- Gopinath, & Kathiravan. (2021). *Docking* Studies And Molecular Dynamics Simulation Of Triazole Benzene Sulfonamide Derivatives With Human Carbonic Anhydrase Ix Inhibition Activity. *Rsc Advances*, 11(60), 38079–38093. <https://doi.org/10.1039/D1ra07377j>
- Gupta, A., Agarwal, R., & Aggarwal, S. (2018). Toxicological Screening Of Herbal Extracts For Therapeutic Use: A Review. *Journal Of Pharmacognosy And Phytochemistry*, 7(5), 1300–1305.

- Hardianto, D., Pengkajian, B., & Teknologi, P. (2021). Jurnal Bioteknologi & Biosains Indonesia Insulin: Production, Types, Analysis, And Routes Of Delivery. In *Article In Jurnal Bioteknologi & Biosains Indonesia*. [Http://Ejurnal.Bppt.Go.Id/Index.Php/Jbbi](http://ejurnal.bppt.go.id/index.php/jbbi)
- Hodgson, J. M. (2008). Tea Flavonoids And Cardiovascular Disease. In *Asia Pac J Clin Nutr* (Vol. 17, Issue S1).
- Holidah, D., Yasmin, Y., & Christianty, F. M. (2018). Uji Aktivitas Antidiabetes Ekstrak Teh Hitam Dan Teh Hijau Secara *In vitro* Menggunakan Metode Inhibisi Enzim A-Glukosidase. *Pustaka Kesehatan*, 6(2), 235. <https://doi.org/10.19184/Pk.V6i2.7573>
- Hollingsworth, S. A., & Dror, R. O. (2018). Molecular Dynamics Simulation For All. *Neuron*, 99(6), 1129–1143. <https://doi.org/10.1016/j.neuron.2018.08.011>
- Hu, J., Lai, X., Wu, X., Wang, H., Weng, N., Lu, J., Lyu, M., & Wang, S. (2023). Isolation Of A Novel Anti-Diabetic A-Glucosidase Oligo-Peptide Inhibitor From Fermented Rice Bran. *Foods*, 12(1), 183. <https://doi.org/10.3390/foods12010183>
- Ikhlas, E. N., Rizkuloh, L. R., & Mardianingrum, R. (2023). Analisa In Silico Senyawa Biji Lada Hitam (Piper Nigrum L.) Terhadap Aktivitas Antioksidan. *Jurnal Riset Rumpun Ilmu Kesehatan*, 2(2), 301–321. <https://doi.org/10.55606/jurrikes.V2i2.1815>
- Imenshahidi, M., & Hosseinzadeh, H. (2016). *Berberine And Barberry (Berberis Vulgaris): A Clinical Review*. *Phytotherapy Research*, 30(11), 1745–1764.
- Jin, S. (2013). Therapeutic Potential Of Natural *Catechins* In Antiviral Activity. In *Jsm Biotechnol Bioeng* (Vol. 1, Issue 1).
- Julianti, E. D., Nurjanah, N., Yuniati, H., Ridwan, E., & Sahara, E. (2015). Pengaruh Tapioka Termodifikasi Ekstrak Teh Hijau Terhadap Glukosa Darah Dan Histologi Pankreas Tikus Diabetes. *Penelitian Gizi Dan Makanan (The Journal Of Nutrition And Food Research)*, 38(1). <https://doi.org/10.22435/pgm.V38i1.4422.51-60>

- K. Laxmi, K. L. (2022). Characterization Of Ligand N'-[(1e)-1-Phenylethylidene]-1, 3-Benzothiazole-2-Carbohydrazide By Using Marvin Sketch 20.8 Software. *Oriental Journal Of Chemistry*, 38(1), 77–84. <https://doi.org/10.13005/Ojc/380109>
- Kartasapoetra, G. (2004). *Budidaya Tanaman Berkhasiat Obat*. Rineka Cipta.
- Katja, D. G., Mantiri, S. A., Runtuwene, M. R. J., Supratman, U., & Hilmayanti, E. (2021). Senyawa Katekin (Flavonoid) Dari Kulit Batang Chisocheton *Balanca C.Dc* (Meliaceae). *Jurnal Ilmiah Sains*, 21(2), 161. <https://doi.org/10.35799/Jis.V21i2.35777>
- Kerns, E. H., & Di, L. (2008). *Drug-Like Properties: Concepts, Structure Design And Methods*. Academic Press.
- Khasanah, N. U., Wardani, G. A., & Mardianingrum, R. (2023). *Jurnal Kimia Sains Dan Aplikasi 3-Phenylthiourea) Cobalt (Iii) As Anticancer Candidate*. 26(7), 238–248.
- Khurshid, Z., Zafar, M. S., Zohaib, S., Najeeb, S., & Naseem, M. (2016). Green Tea (*Camellia Sinensis*): Chemistry And Oral Health. *The Open Dentistry Journal*, 10(1), 166–173. <https://doi.org/10.2174/1874210601610010166>
- Laskowski, R. A., Jabłońska, J., Pravda, L., Vařeková, R. S., & Thornton, J. M. (2018). Pdbsum: Structural Summaries Of Pdb Entries. *Protein Science*, 27(1), 129–134. <https://doi.org/10.1002/Pro.3289>
- Lestari, Zulkarnain, & Aisyah Sijid, S. (2021). *Diabetes Melitus: Review Etiologi, Patofisiologi, Gejala, Penyebab, Cara Pemeriksaan, Cara Pengobatan Dan Cara Pencegahan*. <http://journal.uin-alauddin.ac.id/index.php/psb>
- Lipinski, C. A., *Et al.* (2001). *Experimental And Computational Approaches To Estimate Solubility And Permeability In Drug Discovery And Development Settings*. *Advanced Drug Delivery Reviews*, 46(1-3), 3–26.
- Lupita Nasyanka, A., Ratnasari, D., Na'imah, J., & Kesuma, D. (2022). Studi In Silico : Hubungan Kuantitatif Struktur-Aktivitas Antivirus Sars-Cov2 Pada Senyawa Turunan N-4-Benzoil-N'-(4-Fluorofenil) Tiourea. *Journal Syifa Sciences And Clinical Research*, 4(1). <https://doi.org/10.37311/Jsscr.V4i2.15119>

- Ly, S., Dai, W., Zheng, Y., Dong, P., Yu, Y., Zhao, Y., Sun, S., Bi, D., Liu, C., Han, F., Wu, J., Zhao, T., Ma, Y., Zheng, F., & Sun, P. (2022). Anxiolytic Effect Of Yangshendingzhi Granules: Integrated Network Pharmacology And Hippocampal Metabolomics. *Frontiers In Pharmacology*, 13. <https://doi.org/10.3389/fphar.2022.966218>
- Mardianingrum, R., Bachtiar, K. R., Susanti, S., Aas Nuraisah, A. N., & Ruswanto, R. (2021). Studi In Silico Senyawa 1,4-Naphthalenedione-2-Ethyl-3-Hydroxy Sebagai Antiinflamasi Dan Antikanker Payudara. *Alchemy Jurnal Penelitian Kimia*, 17(1), 83. <https://doi.org/10.20961/Alchemy.17.1.43979.83-95>
- Morris, G. M., Huey, R., & Olson, A. J. (2009). Using Autodock For Ligand-Receptor Docking . *Current Protocols In Bioinformatics*, 8(1), 8-14.
- Muchtar J. (1988). *Budidaya Tanaman Teh*. Balai Penelitian Teh Dan Kina.
- Muljana, W. (1993). *Bercocok Tanam Teh*. Aneka Ilmu.
- Musfiroh, I., Wilar, G., Rosalianti, E., Hadirana, A. A., & Hanifah, Z. S. (2022). Edukasi Tentang Diabetes Melitus Dan Pemanfaatan Kayu Manis Sebagai Tanaman Obat Antidiabetes Kepada Masyarakat. *Journal Of Community Development*, 3(1), 42–50. <https://doi.org/10.47134/Comdev.V3i1.59>
- Muslikh, F. A., Kurniawati, E., & Ma'arif, B. (2023). *Admet Prediction Of The Dominant Compound From Mangosteen (Garcinia Mangostana L.) Using Pkcs: A Computational Approach*. <https://doi.org/10.55927/Ijcs.V1i1.7271>
- Nag, A., Dhull, N., & Gupta, A. (2023). Evaluation Of Tea (Camellia Sinensis L.) Phytochemicals As Multi-Disease Modulators, A Multidimensional In Silico Strategy With The Combinations Of Network Pharmacology, Pharmacophore Analysis, Statistics And Molecular Docking . *Molecular Diversity*, 27(1), 487–509. <https://doi.org/10.1007/S11030-022-10437-1>
- Nandhini, S., Radha, R., & Vadivu, R. (2016). Docking Of Hematoporphyrin On Various Anticancer Drugs Targeting Enzymes. *Asian Journal Of Pharmaceutical Research*, 6(3), 123. <https://doi.org/10.5958/2231-5691.2016.00019.8>

- Noer, S., & Khairullah, M. F. (2023). Studi In-Silico Senyawa Luteolin Sebagai Kandidat Obat Antikanker Payudara. *Prosiding Seminar Nasional Sains*. <https://Prediction.Charite.De/>
- Nofartika, F., Susetyowati, S., Pramantara, I. D. P., & Lestari, L. A. (2016). Pengaruh Ekstrak Teh Hijau (*Camellia Sinensis*) Terhadap Kadar Malondialdehid (Mda) Plasma Dan Kekuatan Genggam Tangan Lanjut Usia. *Jurnal Gizi Klinik Indonesia*, 13(2), 59. <https://doi.org/10.22146/ijcn.22833>
- Nusantoro, Y. R., & Fadlan, A. (2020). Analisis Sifat Mirip Obat, Prediksi Admet, Dan Penambatan Molekular Isatinil-2-Aminobenzoilhidrazon Dan Kompleks Logam Transisi Co(Ii), Ni(Ii), Cu(Ii), Zn(Ii) Terhadap Bcl2-Xl. *Akta Kimia Indonesia*, 5(2), 114. <https://doi.org/10.12962/J25493736.V5i2.7881>
- Park, J., Baek, W., & Lee, J. (2009). Ambivalent Role Of Gallated *Catechins* In Glucose Tolerance In Humans: A Novel Insight Into Non-Absorbable Gallated *Catechin*-Derived Inhibitors Of Glucose Absorption. In *Article In Journal Of Physiology And Pharmacology: An Official Journal Of The Polish Physiological Society*. <https://www.researchgate.net/publication/40908086>
- Pires, D. E. V., Blundell, T. L., & Ascher, D. B. (2015). PkcsM: Predicting Small-Molecule Pharmacokinetic And Toxicity Properties Using Graph-Based Signatures. *Journal Of Medicinal Chemistry*, 58(9), 4066–4072. <https://doi.org/10.1021/acs.jmedchem.5b00104>
- Pitaloka, A. D., Nurhijriah, C. Y., Musyaffa, H. A., & Azzahra, A. M. (2023). Molecular *Docking* Of Chemical Constituents Of Dayak Onion (*Eleutherine Palmifolia* (L.) Merr) Towards Vhr Receptors As Candidates For Cervical Anticancer Drugs. *Indonesian Journal Of Biological Pharmacy*, 3(2), 83–95.
- Putri, L. A. L. N., Anjani, N. L. A. K., Laksmiani, N. P. L., & Susanti, N. M. P. (2024). In Silico Molecular *Docking* Of Luteolin As A Potential Antihyperpigmentation Agent. *Pharmacy Reports*, 3(1), 61. <https://doi.org/10.51511/Pr.61>
- Rachmania, R. A., Hariyanti, H., Zikriah, R., & Sultan, A. (2018). Studi In Silico Senyawa Alkaloid Herba Bakung Putih (*Crinum Asiatikum* L.) Pada

- Penghambatan Enzim Siklooksigenase (Cox). *Jurnal Kimia Valensi*, 4(2), 124–136. <https://doi.org/10.15408/jkv.V4i2.7686>
- Renadi, S., Pratita, A. T. K., Mardianingrum, R., & Ruswanto, Dan R. (2023). The Potency Of Alkaloid Derivates As Anti-Breast Cancer Candidates: In Silico Study. *Jurnal Kimia Valensi*, 9(1), 89–108. <https://doi.org/10.15408/jkv.V9i1.31481>
- Rose, Y., Duarte, J. M., Lowe, R., Segura, J., Bi, C., Bhikadiya, C., Chen, L., Rose, A. S., Bittrich, S., Burley, S. K., & Westbrook, J. D. (2021). Rcsb Protein Data Bank: Architectural Advances Towards Integrated Searching And Efficient Access To Macromolecular Structure Data From The Pdb Archive. *Journal Of Molecular Biology*, 433(11), 166704. <https://doi.org/10.1016/j.jmb.2020.11.003>
- Ruswanto, R., Mardianingrum, R., & Yanuar, A. (2022). Computational Studies Of Thiourea Derivatives As Anticancer Candidates Through Inhibition Of Sirtuin-1 (Sirt1). *Jurnal Kimia Sains Dan Aplikasi*, 25(3), 87–96. <https://doi.org/10.14710/jksa.25.3.87-96>
- Ruswanto, R., Mardianingrum, R., Siswandono, S., & Kesuma, D. (2020). Reverse Docking , Molecular Docking , Absorption, Distribution, And Toxicity Prediction Of Artemisinin As An Anti-Diabetic Candidate. *Molekul*, 15(2), 88–96. <https://doi.org/10.20884/1.Jm.2020.15.2.579>
- Ruswanto, R., Nofianti, T., Mardianingrum, R., & Lestari, T. (2018). Desain Dan Studi In Silico Senyawa Turunan Kuwanon-H Sebagai Kandidat Obat Anti-Hiv. *Jurnal Kimia Valensi*, 4(1), 57–66. <https://doi.org/10.15408/jkv.V4i1.6867>
- Ruswanto, R., Richa, M., & Fahmi Muhamad, N. (2023). Desain Dan Studi Interaksi Senyawa Kompleks Cobalt (Ii)-(1-Benzoyl-3-Methyl Thioureas) Dengan Dna Sebagai Kandidat Antikanker. *Pharmacoscript*, 6(2), 152–163. <https://doi.org/10.36423/Pharmacoscript.V6i2.1264>
- Ruswanto, Setiawan, F., Rahayuningsih, N., Mardianingrum, R., Hidayati, N. L. D., & Eryanti, E. (2020). Synthesis, Characterization And In Silico Study Of Fe(Iii) Complex With N'-(4-Chlorobenzoyl)-Isonicotino-Hydrazide As Anti

- Tuberculosis Candidate. *Jurnal Kimia Valensi*, 6(1), 69–80.
<https://doi.org/10.15408/Jkv.V6i1.11788>
- Safitri, A., Dian Permana Angga Dirja, M., Ririn Puspita, S., Siti Khodijah, N., Apriliana, R., Oktalia, H., Sartika Sari, Y., Rahmawati, A., Rezky Amelia, T., Elda Sari, R., Selfiani, T., Puji Astuti, D., & Yatsi Madani, U. (2023). Responsibility Report On Group Activity Therapy On Clients With Diabetes Mellitus At Wisma Pisang Panti Sosial Tresna Werdha Budi Mulya 2 Jakarta Barat Year 2023. *Nusantara Hasana Journal*, 3(2), 205–208.
- Sari, L. O. R. K. (2006). Pemanfaatan Obat Tradisional Dengan Pertimbangan Manfaat Dan Keamanannya. *Pharmaceutical Sciences And Research*, 3(1), 1–7. <https://doi.org/10.7454/psr.V3i1.3394>
- Septian, A. D., Wardani, G. A., Mardianingrum, R., & Ruswanto, R. (2023). The Virtual Screening Of Flavonoid Derivatives On Progesterone, Estrogen, And Her-2 Receptor For Breast Cancer Treatment Candidate. *Jurnal Kimia Valensi*, 9(1), 163–182. <https://doi.org/10.15408/Jkv.V9i1.31482>
- Sim, L., Willemsma, C., Mohan, S., Naim, H. Y., Pinto, B. M., & Rose, D. R. (2010). Structural Basis For Substrate Selectivity In Human Maltase-Glucoamylase And Sucrase-Isomaltase N-Terminal Domains. *Journal Of Biological Chemistry*, 285(23), 17763–17770. <https://doi.org/10.1074/Jbc.M109.078980>
- Sukmadani Rusdi, M. (2020). Hipoglikemia Pada Pasien Diabetes Melitus. *Journal Syifa Sciences And Clinical Research*, 2(2), 83–90. <https://doi.org/10.37311/Jsscr.V2i2.4575>
- Sun, H., *Et al.* (2002). Caco-2 Permeability Of Weakly Basic Drugs: The Effects Of HEPES And Bicarbonate Buffers. *Pharmaceutical Research*, 19(3), 341–346.
- Sya'diyah, H., Widayanti, D. M., Kertapati, Y., Anggoro, S. D., Ismail, A., Atik, T., & Gustayansyah, D. (2020). Penyuluhan Kesehatan Diabetes Melitus Penatalaksanaan Dan Aplikasi Senam Kaki Pada Lansia Di Wilayah Pesisir Surabaya. *Jurnal Pengabdian Kesehatan*, 3(1), 9–27. <https://doi.org/10.31596/Jpk.V3i1.64>

- Szkudelski, T., Szkudelska, K. (2021). *Trigonelline – Properties And Potential Applications*. *Phytochemistry Reviews*, 20(5), 1199–1210.
- Thahara, C. A., Rizarullah, R., Atika, R. A., & Wahab, A. (2022). Potensi Pendekatan In Silico Sebagai Penghambat Aktivitas Protein Protease Utama Sars-Cov-2 Dari Tiga Senyawa Tanaman Obat Jahe Merah. *Jurnal Ipa & Pembelajaran Ipa*, 6(3), 207–218. <https://doi.org/10.24815/Jipi.V6i3.24914>
- Veber, D. F., *Et al.* (2002). *Molecular Properties That Influence The Oral Bioavailability Of Drug Candidates*. *Journal Of Medicinal Chemistry*, 45(12), 2615–2623.
- Wang, C., Han, J., Pu, Y., & Wang, X. (2022). Tea (*Camellia Sinensis*): A Review Of Nutritional Composition, Potential Applications, And Omics Research. *Applied Sciences*, 12(12), 5874. <https://doi.org/10.3390/App12125874>
- Wati, P. K., & Saktiningsih, H. (2020). Gambaran Kadar Kolesterol Pada Wanita Lansia Yang Mengonsumsi Teh Hitam Di Panti Jompo Aisyiyah Kelurahan Sumber. *Avicenna : Journal Of Health Research*, 3(1). <https://doi.org/10.36419/Avicenna.V3i1.338>
- Yang, H.-Y., Yang, S.-C., Chao, J. C.-J., & Chen, J.-R. (2012). Beneficial Effects Of *Catechin*-Rich Green Tea And Inulin On The Body Composition Of Overweight Adults. *British Journal Of Nutrition*, 107(5), 749–754. <https://doi.org/10.1017/S0007114511005095>
- Yeni, Y., Supandi, S., & Merdekawati, F. (2018). In Silico Toxicity Prediction Of 1-Phenyl-1-(Quinazolin-4-Yl) Ethanol Compounds By Using Toxtree, PkcsM And Preadmet. *Pharmaciana*, 8(2), 216. <https://doi.org/10.12928/Pharmaciana.V8i2.9508>
- Yilmazer-Musa, M., Griffith, A. M., Michels, A. J., Schneider, E., & Frei, B. (2012). Grape Seed And Tea Extracts And *Catechin* 3-Gallates Are Potent Inhibitors Of α -Amylase And α -Glucosidase Activity. *Journal Of Agricultural And Food Chemistry*, 60(36), 8924–8929. <https://doi.org/10.1021/Jf301147n>

- Zanger, U. M., & Schwab, M. (2013). Cytochrome P450 Enzymes In Drug Metabolism: Regulation Of Gene Expression, Enzyme Activities, And Impact Of Genetic Variation. *Pharmacology & Therapeutics*, 138(1), 103–141.
- Zhao, T., Li, C., Wang, S., & Song, X. (2022). Green Tea (*Camellia Sinensis*): A Review Of Its Phytochemistry, Pharmacology, And Toxicology. *Molecules*, 27(12), 3909. <https://doi.org/10.3390/Molecules27123909>
- Zubair, M. S., Maulana, S., & Mukaddas, A. (2020). Penambatan Molekuler Dan Simulasi Dinamika Molekuler Senyawa Dari Genus *Nigella* Terhadap Penghambatan Aktivitas Enzim Protease Hiv-1. *Jurnal Farmasi Galenika (Galenika Journal Of Pharmacy) (E-Journal)*, 6(1), 132–140. <https://doi.org/10.22487/J24428744.2020.V6.I1.14982>