

## DAFTAR PUSTAKA

- Amir, H., & Murcitra, B. G. (2017). Uji Microtetrazolium (MTT) EKSTRAK METANOL Daun Phaleria macrocarpa (Scheff.) Boerl Terhadap Sel Kanker Payudara MCF-7. *Alotrop*, 1(1), 27–32. <https://doi.org/10.33369/atp.v1i1.2711>
- Anggrianti, P. (2008). *Uji Sitotoksik Ekstrak Etanol 70% Buah Kemusukus (piper cubeba L.) Terhadap Sel HeLa, Padi Anggrianti, Fakultas Farmasi.*
- Belveren, S., Poyraz, S., Pask, C. M., Ülger, M., Sansano, J. M., & Ali Döndaş, H. (2019). Synthesis and biological evaluation of platinum complexes of highly functionalized aroylaminocarbo-N-thioyl proline containing tetrahydropyrrolo[3,4-c]pyrrole-1,3(2H,3aH)-dione moieties. *Inorganica Chimica Acta*, 498(September), 119154. <https://doi.org/10.1016/j.ica.2019.119154>
- Burley, S. K., Berman, H. M., Bhikadiya, C., Bi, C., Chen, L., Di Costanzo, L., Christie, C., Duarte, J. M., Dutta, S., Feng, Z., Ghosh, S., Goodsell, D. S., Green, R. K., Guranovic, V., Guzenko, D., Hudson, B. P., Liang, Y., Lowe, R., Peisach, E., ... Ioannidis, Y. E. (2019). Protein Data Bank: The single global archive for 3D macromolecular structure data. *Nucleic Acids Research*, 47(D1), D520–D528. <https://doi.org/10.1093/nar/gky949>
- Cristiandari, E. M. (2018). Uji Efek Ekstrak dan Fraksinasi daun Salung (Psychotria Viridiflora Reinw. Ex. Blume) pada Sel Kanker Payudara T47D. *JPP (Jurnal Kesehatan Poltekkes Palembang)*, 13(1), 9–20. <https://doi.org/10.36086/jpp.v13i1.81>
- Dachriyanus. (2004). *Analisis Struktur Senyawa Organik Secara Spektroskopi.*
- Dharmayanti, A., & Martak, F. (2015). Sintesis Senyawa Aktif Kompleks Mangan(II) dengan Ligan 2(4-nitrofenil)-4,5-difenil-1H-imidazol. *Jurnal Sains Dan Seni ITS*, 4(2), 1–5.
- Florea, A. M., & Büsselberg, D. (2011). Cisplatin as an anti-tumor drug: Cellular mechanisms of activity, drug resistance and induced side effects. *Cancers*, 3(1), 1351–1371. <https://doi.org/10.3390/cancers3011351>
- Gómez-Ruiz, S., Maksimović-Ivanić, D., Mijatović, S., & Kaluderović, G. N. (2012). On the discovery, biological effects, and use of cisplatin and metallocenes in anticancer chemotherapy. *Bioinorganic Chemistry and Applications*, 2012, 15–17. <https://doi.org/10.1155/2012/140284>
- Haryoto, Muhtadi, Indrayudha, P., Azizah, T., Suhendi, A., & Haryoto, Muhtadi, Peni Indrayudha, Tanti Azizah, A. S. (2013). Aktivitas Sitotoksik Ekstrak Etanol Tumbuhan Sala (Cynometra ramiflora Linn) Terhadap Sel HeLa, T47D dan WiDR. *Jurnal Penelitian Saintek*, 18(Aktivitas Sitotoksik Ekstrak Etanol Tumbuhan Sala Aktivitas Sitotoksik Ekstrak Etanol Tumbuhan Sala

- (*Cynometra ramiflora* Linn) Terhadap Sel HeLa, T47D dan WiDR), 21–28.
- Irawan, A. (2019). Kalibrasi Spektrofotometer Sebagai Penjaminan Mutu Hasil Pengukuran dalam Kegiatan Penelitian dan Pengujian. *Indonesian Journal of Laboratory*, 1(2), 1. <https://doi.org/10.22146/ijl.v1i2.44750>
- KEMENKES. (2019). Beban Kanker di Indonesia. *Pusat Data Dan Informasi Kesehatan Kementerian Kesehatan RI*, 1–16.
- Kesuma, D., & Santosa, H. (2009). Sintesis Senyawa 2,4-diklorobenzoiltiourea dari 2,4-diklorobenzoil klorida dan Tiourea Sebagai Calon Obat Central Nervous System Depressant Melalui Proses Refluks. *Seminar Nasional Teknik Kimia Indonesia*.
- Khaerunnisa, Siti. Suhartati. Awaluddin, R. (2020). *Penelitian In Silico Untuk Pemula*. Airlangga University.
- Khalidah, A. R. (2020). Literature Review: Mekanisme Resistensi Kemoterapi Berbasis Platinum. *Jurnal Kesehatan*, 11(1), 151. <https://doi.org/10.26630/jk.v11i1.1537>
- Kumar, A., Singh, P., & Nanda, A. (2020). Hot stage microscopy and its applications in pharmaceutical characterization. *Applied Microscopy*, 50(1). <https://doi.org/10.1186/s42649-020-00032-9>
- Mardiana, M., & Ruswanto. (2019). Simulasi Dinamika Molekular Senyawa Pyridin Pada Protein 2xnb Sebagai Antikanker Menggunakan Aplikasi Gromas. *Journal of the Mining Institute of Japan*, 81(922), 235–236.
- 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/alchemistry.17.1.43979.83-95>
- Morris, G. M., Goodsell, D. S., Huey, R., Hart, W. E., Halliday, S., Belew, R., & Olson, A. J. (2001). User's Guide Autodock 3.0.5. *Methodology*, 86.
- Nauli, T. (2002). Memperkirakan Rumus Kimia Senyawa Organik Dari Data Spektrometri Massa. *Prosiding Pertemuan Dan Presentasi Ilmiah Penelitian Dasar Ilmu Pengetahuan Dan Teknologi Nuklir*, 10–17.
- Nisa, Fatma Zahratun.Hidayati, Manik Nur. Putri, Aprilina. Rahayu, P. (2021). *Bahan Pangan Pencegah Kanker*. Gajah Mada University Press.
- Nurani, L. H. (2012). *Uji Sitotoksitas Dan Atiproliferatif Sel Kanker Payudara T47D dan Sel Vero Biji Nigella Sativa , L . (Cytotoxicity and Antiproliferative Test On T47d And Vero Cell Lines Of Nigella Sativa , L Seed)*.
- Oun, R., Moussa, Y. E., & Wheat, N. J. (2018). *The Side Effects Of Platinum-Based Chemotherapy Drugs: A Review For Chemists*. *Dalton Trans*.
- Pires, D. E. V, Blundell, T. L., & Ascher, D. B. (2015). pkCSM : predicting small-molecule pharmacokinetic properties using graph-based signatures (Theory-

- How to Interpret pkCSM Result). *PKCSM*, 5. <http://biosig.unimelb.edu.au/pkcsm/theory>
- Pratama, Adi Nugraha.Rifai, Yusnita.Marzuki, A. (2017). *Dibromometilsesamin*. *21(3)*, 67–69.
- Raveendran, R., Braude, J. P., Wexselblatt, E., Novohradsky, V., Stuchlikova, O., Brabec, V., Gandin, V., & Gibson, D. (2016). Pt(iv) derivatives of cisplatin and oxaliplatin with phenylbutyrate axial ligands are potent cytotoxic agents that act by several mechanisms of action. *Chemical Science*, *7(3)*, 2381–2391. <https://doi.org/10.1039/c5sc04205d>
- Ruswanto, R. (2018). Characterization And Synthesize Of Fe(III) 4-FLUORO-N'-[(Pyridine-4-YL)Carbonyl]Benzohydrazide Complex As Antituberculosis Candidate. *Journal of Pharmacopolium*, *1(2)*. <https://doi.org/10.36465/jop.v1i2.332>
- Ruswanto, R., Mardianingrum, R., Apriliani, A. Y., Ramdaniah, F. K., Sarwatiningsih, Y., Tri, A., Pratita, K., Nuryani, G. S., Rahayuningsih, N., Lindaswastuti, L., Rahayu, S. S., Wulandari, W. T., Lihandini, G., Tinggi, S., Kesehataan, I., Tunas, B., & Perjuangan, U. (2018). Karakterisasi Dan Sintesis Senyawa Kompleks Fe ( III ) 4-Fluro-N'-[(Pyridine-4-YL)Carbonyl] Benzohydrazine Sebagai Kandidat Anti Tuberkulosis. *Journal of Pharmacopolium*, *1(2)*, 100–106.
- Ruswanto, R., Mardianingrum, R., Lestari, T., Nofianti, T., & Siswandono, S. (2018). 1-(4-Hexylbenzoyl)-3-methylthiourea. *MolBank*, *2018(3)*, 2–6. <https://doi.org/10.3390/M1005>
- Ruswanto, R., & Nugraha, A. (2015). Sintesis Senyawa 1-(4-Hephtilbenzoil-3-Metiltiourea) Dan Uji Sitotoksisitas Terhadap Sel T47D Sebagai Kandidat Antikanker. *Jurnal Kesehatan Bakti Tunas Husada: Jurnal Ilmu-Ilmu Keperawatan, Analisis Kesehatan Dan Farmasi*, *14(1)*, 145. <https://doi.org/10.36465/jkbth.v14i1.123>
- Ruswanto, Siswandono, Richa, M., Tita, N., & Tresna, L. (2017). Molecular docking of 1-benzoyl-3-methylthiourea as anti cancer candidate and its absorption, distribution, and toxicity prediction. *Journal of Pharmaceutical Sciences and Research*, *9(5)*, 680–684.
- S Hardjono, N. D. (2017). *Obat Antikanker*. Erlangga University Press.
- Saputro.Nugroho, agung. (2015). *Konsep Dasar Kimia Koordinasi*. deepublish.
- Sari, Indah Wulan.Junaidin.Pratiwi, D. (2020). *Indah Wulan Sari, Junaidin, Dina Pratiwi 2020*. *VII(2)*, 54–60.
- Saudale. (2020). *Pemodelan Molekuler prediksi dan validasi struktur 3D in silico*. Literasi nusantara.
- Setiawan, H., & Irawan, M. I. (2017). Kajian Pendekatan Penempatan Ligan Pada Protein Menggunakan Algoritma Genetika. *Jurnal Sains Dan Seni ITS*, *6(2)*,

2–6. <https://doi.org/10.12962/j23373520.v6i2.25468>

- Siswandono, S. B. (2000). *Kimia Medisinal edisi 1*. Airlangga University.
- Suarsa, I. W. (2016). *Analisis Gugus Fungsi Pada Bensin Dengan*. 1–36.
- Suharna. (2012). Studi In Silico Senyawa Turunan Flavonoid Terhadap penghambatan Enzim Tirosinase Skripsi. *UIN Alauddin*, 49–56.
- Suhartati, T. (2017). *Dasar- Dasar Spektrofotometri Uv-Vis Dan Spektrometri Massa Untuk Penentuan Struktur Senyawa Organik*. CV. Anugrah Utama Raharja.
- The Global Cancer Observatory. (2020). Cancer Incident in Indonesia. *International Agency for Research on Cancer*, 858, 1–2.
- Zulissetiana, E. F., & Agustina, R. (2016). *Efek Sitotoksik Fraksi Akar Pasak Bumi ( Eurycoma longifolia , Jack ) Cytotoxic Effect of Pasak Bumi Root ( Eurycoma longifolia , Jack ) Fraction on HeLa Cells*. xx, 1–6.