

DAFTAR PUSTAKA

- Alfanaar, R., & Notario, D. (2019). Sintesis Senyawa Koordinasi Astaxanthin Dengan Bantuan Gelombang Ultrasonik. *Jurnal Kimia Dan Kemasan*, 41(2), 88. <https://doi.org/10.24817/jkk.v41i2.3366>
- Anantram, A., Kundaikar, H., Degani, M., & Prabhu, A. (2019). Molecular dynamic simulations on an inhibitor of anti-apoptotic Bcl-2 proteins for insights into its interaction mechanism for anti-cancer activity. *Journal of Biomolecular Structure and Dynamics*, 37(12), 3109–3121. <https://doi.org/10.1080/07391102.2018.1508371>
- Balan, B., Dhaulaniya, A. S., Jamwal, R., Amit, Sodhi, K. K., Kelly, S., Cannavan, A., & Singh, D. K. (2020). Application of Attenuated Total Reflectance-Fourier Transform Infrared (ATR-FTIR) spectroscopy coupled with chemometrics for detection and quantification of formalin in cow milk. *Vibrational Spectroscopy*, 107(January), 103033. <https://doi.org/10.1016/j.vibspec.2020.103033>
- Ballester, B., Milara, J., & Cortijo, J. (2019). Idiopathic pulmonary fibrosis and lung cancer: Mechanisms and molecular targets. *International Journal of Molecular Sciences*, 20(3). <https://doi.org/10.3390/ijms20030593>
- Bilaut, I., Gauru, I., Wogo, H. E., Lapailaka, T., Kimia, J., Undana, F. S. T., Adi, J., Penfui, S., & Indonesia, K. (2019). *From Shrimp Shells*. 2(1), 1–10.
- 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>
- Burstein, H. J., & Curigliano, G. (2019). *Estimating the Benefits of Therapy for Early Stage Breast Cancer*.
- Çankaya, N., & Yalçın, S. (2020). Antiproliferative activity and interaction with proteins of N-cyclohexylacrylamide. *Saudi Journal of Biological Sciences*, xxx, 0–4. <https://doi.org/10.1016/j.sjbs.2020.04.030>
- Cao, C., Wang, L., Chen, X., Zou, S., Wang, G., & Xu, S. (2015). Amino Acids in Nine Ligand-Prefer Ramachandran Regions. *BioMed Research International*, 2015. <https://doi.org/10.1155/2015/757495>

- Cardoso, F., Kyriakides, S., Ohno, S., Penault-Llorca, F., Poortmans, P., Rubio, I. T., Zackrisson, S., & Senkus, E. (2019). Early breast cancer: ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up. *Annals of Oncology*, *30*(8), 1194–1220. <https://doi.org/10.1093/annonc/mdz173>
- CDC. (2019). *Colorectal (colon) cancer*. https://www.cdc.gov/cancer/colorectal/basic_info/what-is-colorectal-cancer.htm
- Dana, H., Chalbatani, G. M., Gharagouzloo, E., Miri, S. R., Memari, F., Rasoolzadeh, R., Zinatizadeh, M. R., Zarandi, P. K., & Marmari, V. (2020). In silico analysis, molecular docking, molecular dynamic, cloning, expression and purification of chimeric protein in colorectal cancer treatment. *Drug Design, Development and Therapy*, *14*, 309–329. <https://doi.org/10.2147/DDDT.S231958>
- Dankowska, A., & Kowalewski, W. (2019). Tea types classification with data fusion of UV–Vis, synchronous fluorescence and NIR spectroscopies and chemometric analysis. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, *211*, 195–202. <https://doi.org/10.1016/j.saa.2018.11.063>
- DDSI. (2019). *Colon polyps from colon cancer*. <https://www.okddsi.net/blog/colon-polyps-from-colon-cancer-an-overview>
- Dharmayanti, A., & Kimia, J. (2015). *Sintesis Senyawa Aktif Kompleks Synthesis of Active Complex Manganese (II) With Ligand 2 (4- 2(Ii)*.
- Earthslab. (2018). *The cell cycle*. <https://www.earthslab.com/physiology/the-cell-cycle/>
- El McHichi, L., El Aissouq, A., Kasmi, R., Belhassan, A., El-Mernissi, R., Ouammou, A., Lakhlifi, T., & Bouachrine, M. (2021). In silico design of novel Pyrazole derivatives containing thiourea skeleton as anti-cancer agents using: 3D QSAR, Drug-Likeness studies, ADMET prediction and molecular docking. *Materials Today: Proceedings*, *45*, 7661–7674. <https://doi.org/10.1016/j.matpr.2021.03.152>
- Fuks, L., Anuszevska, E., Kruszewska, H., Krówczyński, A., Dudek, J., & Sadlej-Sosnowska, N. (2010). Platinum(II) complexes with thiourea derivatives containing oxygen, sulfur or selenium in a heterocyclic ring: Computational studies and cytotoxic properties. *Transition Metal Chemistry*, *35*(6), 639–647. <https://doi.org/10.1007/s11243-010-9375-9>

- Garofalo, M., Grazioso, G., Cavalli, A., & Sgrignani, J. (2020). How computational chemistry and drug delivery techniques can support the development of new anticancer drugs. *Molecules*, 25(7). <https://doi.org/10.3390/molecules25071756>
- Gascón, E., Maisanaba, S., Otal, I., Valero, E., Repetto, G., Jones, P. G., & Jiménez, J. (2020). (Amino)cyclophosphazenes as Multisite Ligands for the Synthesis of Antitumoral and Antibacterial Silver(I) Complexes. *Inorganic Chemistry*, 59(4), 2464–2483. <https://doi.org/10.1021/acs.inorgchem.9b03334>
- Ghosh, S. (2019). Cisplatin: The first metal based anticancer drug. *Bioorganic Chemistry*, 88(April), 102925. <https://doi.org/10.1016/j.bioorg.2019.102925>
- Griffin, R., & Ramirez, R. A. (2017). Molecular targets in non-small cell lung cancer. *Ochsner Journal*, 17(4), 388–392. <https://doi.org/10.1043/TOJ-17-0033>
- Hairunnisa, H., Gusrizal, G., & Rahmalia, W. (2020). Sintesis Kompleks Cu(II) dan Fe(III) dengan Ligan Asam Humat dan Aplikasinya sebagai Sensitizer pada Dye Sensitized Solar Cell (DSSC). *Journal of Chemical Process Engineering*, 5(2), 14–22. <https://doi.org/10.33536/jcpe.v5i2.662>
- Hambali, H., Fadhillah, N., R, H., & Hamid, S. M. (2020). *Jurnal Ilmiah Ecosystem Volume 20 Nomor 2 , Mei - Agustus 2020 Jurnal Ilmiah Ecosystem Volume 20 Nomor 2 , Mei - Agustus 2020*. 20(Ii), 122–131.
- Harrison, P. T., Vyse, S., & Huang, P. H. (2020). Rare epidermal growth factor receptor (EGFR) mutations in non-small cell lung cancer. *Seminars in Cancer Biology*, 61, 167–179. <https://doi.org/10.1016/j.semcan.2019.09.015>
- Jawoor, S. S., Patil, S. A., & Toragalmath, S. S. (2018). Synthesis and characterization of heteroleptic Schiff base transition metal complexes: a study of anticancer, antimicrobial, DNA cleavage and anti-TB activity. *Journal of Coordination Chemistry*, 71(2), 271–283. <https://doi.org/10.1080/00958972.2017.1421951>
- Kairys, V., Baranauskiene, L., Kazlauskiene, M., Matulis, D., & Kazlauskas, E. (2019). Binding affinity in drug design: experimental and computational techniques. *Expert Opinion on Drug Discovery*, 14(8), 755–768. <https://doi.org/10.1080/17460441.2019.1623202>
- Kapara, A., Brunton, V. G., Graham, D., & Faulds, K. (2020). Characterisation of estrogen receptor alpha (ER α) expression in breast cancer cells and effect of drug treatment using targeted nanoparticles and SERS. *Analyst*, 145(22), 7225–7233. <https://doi.org/10.1039/d0an01532f>
- Katzung, G., B., Kruidering, M., & Trevor, A. J. (2019). *Examination & Board Review*, 12e. <https://doi.org/10.19184/multijournal.v2i1.20113>
- Kitchlu, A., McArthur, E., Amir, E., Booth, C. M., Sutradhar, R., Majeed, H., Nash,

- D. M., Silver, S. A., Garg, A. X., Chan, C. T., Kim, S. J., & Wald, R. (2019). Acute Kidney Injury in Patients Receiving Systemic Treatment for Cancer: A Population-Based Cohort Study. *Journal of the National Cancer Institute*, *111*(7), 727–736. <https://doi.org/10.1093/jnci/djy167>
- Komeda, S., Uemura, M., Yoneyama, H., Harusawa, S., & Hiramoto, K. (2019). In vitro cytotoxicity and in vivo antitumor efficacy of tetrazolato-bridged dinuclear platinum(II) complexes with a bulky substituent at tetrazole C5. *Inorganics*, *7*(1), 1–11. <https://doi.org/10.3390/inorganics7010005>
- Konduri, S., Pogaku, V., Prashanth, J., Siva Krishna, V., Sriram, D., Basavoju, S., Behera, J. N., & Prabhakara Rao, K. (2021). Sacubitril-Based Urea and Thiourea Derivatives as Novel Inhibitors for Anti-Tubercular against Dormant Tuberculosis. *ChemistrySelect*, *6*(16), 3869–3874. <https://doi.org/10.1002/slct.202004724>
- Kong, X., Pan, P., Sun, H., Xia, H., Wang, X., Li, Y., & Hou, T. (2019). Drug Discovery Targeting Anaplastic Lymphoma Kinase (ALK). *Journal of Medicinal Chemistry*, *62*(24), 10927–10954. <https://doi.org/10.1021/acs.jmedchem.9b00446>
- Kumar, S., Sharma, P. P., Shankar, U., Kumar, D., Joshi, S. K., Pena, L., Durvasula, R., Kumar, A., Kempaiah, P., Poonam, & Rathi, B. (2020). Discovery of New Hydroxyethylamine Analogs against 3CLproProtein Target of SARS-CoV-2: Molecular Docking, Molecular Dynamics Simulation, and Structure-Activity Relationship Studies. *Journal of Chemical Information and Modeling*, *60*(12), 5754–5770. <https://doi.org/10.1021/acs.jcim.0c00326>
- Lin, J. J., Langenbacher, A., Gupta, P., Yoda, S., Fetter, I. J., Rooney, M., Do, A., Kem, M., Chang, K. P., Oh, A. Y., Chin, E., Juric, D., Corcoran, R. B., Dagogo-Jack, I., Gainor, J. F., Stone, J. R., Lennerz, J. K., Lawrence, M. S., Hata, A. N., ... Shaw, A. T. (2020). Small cell transformation of ROS1 fusion-positive lung cancer resistant to ROS1 inhibition. *Npj Precision Oncology*, *4*(1). <https://doi.org/10.1038/s41698-020-0127-9>
- Lin, X., Li, X., & Lin, X. (2020). A review on applications of computational methods in drug screening and design. *Molecules*, *25*(6), 1–17. <https://doi.org/10.3390/molecules25061375>

- Martinelli, E., Ciardiello, D., Martini, G., Troiani, T., Cardone, C., Vitiello, P. P., Normanno, N., Rachiglio, A. M., Maiello, E., Latiano, T., De Vita, F., & Ciardiello, F. (2020). Implementing anti-epidermal growth factor receptor (EGFR) therapy in metastatic colorectal cancer: challenges and future perspectives. *Annals of Oncology*, *31*(1), 30–40. <https://doi.org/10.1016/j.annonc.2019.10.007>
- Menon, V. V., Sheena Mary, Y., Shyma Mary, Y., Panicker, C. Y., Bielenica, A., Armaković, S., Armaković, S. J., & Van Alsenoy, C. (2018). Combined spectroscopic, DFT, TD-DFT and MD study of newly synthesized thiourea derivative. *Journal of Molecular Structure*, *1155*, 184–195. <https://doi.org/10.1016/j.molstruc.2017.10.093>
- Mesothelioma Treatment Cancer. (2016). *Absestos cancer & mesothelioma in lungs*. <https://mesotheliomatreatmentcenters.org/mesothelioma-cancer/lung-cancer/>
- Ministry of Health RI. (2019). Infodatin-cancer burden 2019. *Jakarta: Ministry of Health RI*, 3–6.
- Mohapatra, R. K., Das, P. K., Pradhan, M. K., El-Ajaily, M. M., Das, D., Salem, H. F., Mahanta, U., Badhei, G., Parhi, P. K., Maihub, A. A., & E-Zahan, M. K. (2019). Recent Advances in Urea- and Thiourea-Based Metal Complexes: Biological, Sensor, Optical, and Corrosion Inhibition Studies. *Comments on Inorganic Chemistry*, *39*(3), 127–187. <https://doi.org/10.1080/02603594.2019.1594204>
- Mooney, L. M., Al-Sakkaf, K. A., Brown, B. L., & Dobson, P. R. M. (2002). Apoptotic mechanisms in T47D and MCF-7 human breast cancer cells. *British Journal of Cancer*, *87*(8), 909–917. <https://doi.org/10.1038/sj.bjc.6600541>
- Mumpuni, E., Purwanggana, A., Mulatsari, E., & Rasdianti, P. (2021). Sintesis Senyawa 1,5-Bis(3'-Etoksi-4'-Hidroksifenil)-1,4-Pentadien-3-on (Ehp) Dengan Bahan Baku Etil Vanilin Mutu Teknik. *Jurnal Zarah*, *9*(1), 29–35.
- Murti, Y. B., Hartini, Y. S., Hinrichs, W. L. J., Frijlink, H. W., & Setyaningsih, D. (2018). UV-Vis Spectroscopy to Enable Determination of the Dissolution Behavior of Solid Dispersions Containing Curcumin and Piperine. *Journal of Young Pharmacists*, *11*(1), 26–30. <https://doi.org/10.5530/jyp.2019.11.6>
- Nafi'ah, R., & Primadevi, S. (2020). Sintesis Membran Selulosa Termodifikasi Na₂ EDTA dari Bagase Tebu untuk Adsorpsi Logam Pb 1-2. *Cendekia Utama*, *9*(3), 272–281.
- Nandiyanto, A. B. D., Oktiani, R., & Ragadhita, R. (2019). How to read and interpret ftir spectroscopy of organic material. *Indonesian Journal of Science and Technology*, *4*(1), 97–118. <https://doi.org/10.17509/ijost.v4i1.15806>
- Ndagi, U., Mhlongo, N., & Soliman, M. E. (2017). Metal complexes in cancer

therapy – An update from drug design perspective. *Drug Design, Development and Therapy*, 11, 599–616. <https://doi.org/10.2147/DDDT.S119488>

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>

Özgeriş, B. (2021). Design, synthesis, characterization, and biological evaluation of nicotinoyl thioureas as antimicrobial and antioxidant agents. *Journal of Antibiotics*, 74(4), 233–243. <https://doi.org/10.1038/s41429-020-00399-7>

Patel, H. M., Ahmad, I., Pawara, R., Shaikh, M., & Surana, S. (2021). In silico search of triple mutant T790M/C797S allosteric inhibitors to conquer acquired resistance problem in non-small cell lung cancer (NSCLC): a combined approach of structure-based virtual screening and molecular dynamics simulation. *Journal of Biomolecular Structure and Dynamics*, 39(4), 1491–1505. <https://doi.org/10.1080/07391102.2020.1734092>

Pinzi, L., & Rastelli, G. (2019). Molecular docking: Shifting paradigms in drug discovery. *International Journal of Molecular Sciences*, 20(18). <https://doi.org/10.3390/ijms20184331>

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>

PIXTA. (2015). *Diagram of breast cancer*. <https://www.pixtastock.com/illustration/14427092>

Prasetiawati, R., Permana, B., & Soni, D., & Agung, S. N. (2019). MOLECULAR DOCKING STUDY OF XANTHONE DERIVATIVE COMPOUNDS OF MANGOSTEEN RIND (*Garcinia mangostana* L.) TO ER- α (ESTROGEN RECEPTOR ALFA) AND ER- β (ESTROGEN RECEPTOR BETA) AS ANTI-BREASTCANCER. *J Ilm Farmakobahari*, 10(1), 45–50.

Prieto-Martínez, F. D., López-López, E., Eurídice Juárez-Mercado, K., & Medina-Franco, J. L. (2019). Computational Drug Design Methods—Current and Future Perspectives. *In Silico Drug Design*, 3, 19–44. <https://doi.org/10.1016/b978-0-12-816125-8.00002-x>

Print, I., Online, I., Reddy, K. A., Ashma, M., Bai, S. A., Jyothi, V., Jyostna, S., Naidu, S., & Pharmacy, V. (2019). *World Journal of Pharmaceutical Sciences Molecular Properties Prediction of Phenothiazine Derivatives by Using Swiss ADME*, 7(11), 65–71.

Puyang, X., Furman, C., Zheng, G. Z., Wu, Z. J., Banka, D., Aithal, K., Agoulnik,

- S., Bolduc, D. M., Buonamici, S., Caleb, B., Das, S., Fekkes, S. E., Hao, M. H., Hart, A., Houtman, R., Irwin, S., Joshi, J. J., Kim, C. K., Kumar, N., ... Korpál, M. (2018). Discovery of selective estrogen receptor covalent antagonists for the treatment of ER α WT and ER α MUT breast cancer. *Cancer Discovery*, 8(9), 1176–1193. <https://doi.org/10.1158/2159-8290.CD-17-1229>
- Rakha, E. A., & Pareja, F. G. (2021). New Advances in Molecular Breast Cancer Pathology. *Seminars in Cancer Biology*, 72(December 2019), 102–113. <https://doi.org/10.1016/j.semcancer.2020.03.014>
- Rastini, M. B. O., Giantari, N. K. M., Adnyani, K. D., & Laksmiani, N. P. L. (2019). Molecular Docking Aktivitas Antikanker Dari Kuersetin Terhadap Kanker Payudara Secara in Silico. *Jurnal Kimia*, 180. <https://doi.org/10.24843/jchem.2019.v13.i02.p09>
- 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>
- 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). <https://doi.org/10.1016/j.jmb.2020.11.003>
- Ruswanto, R., & Nugraha, A. (2015). Sintesis Senyawa 1-(4-Hephtilbenzoil-3-Metiltiourea) Dan Uji Sitotoksitas 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, R., Trisna Wulandari, W., Mardianingrum, R., & Cantika, I. (2021). Synthesis and virtual screening of bis-(4-(tert-butyl)-N-(methylcarbamothioyl) benzamide)-Iron (III) complex as an anticancer candidate. *Pharmaciana*, 11(1), 1. <https://doi.org/10.12928/pharmaciana.v11i1.17837>
- 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.
- Sari, D. P., Basyuni, M., Hasibuan, P. A. Z., & Wati, R. (2018). The inhibition of polyisoprenoids from NYPA fruticans leaves on cyclooxygenase 2 expression

- of widr colon cancer cells. *Asian Journal of Pharmaceutical and Clinical Research*, 11(8), 154–157. <https://doi.org/10.22159/ajpcr.2018.v11i8.26098>
- Savić, A., Marzo, T., Scaletti, F., Massai, L., Bartoli, G., Hoogenboom, R., Messori, L., Van Deun, R., & Van Hecke, K. (2019). New platinum(II) and palladium(II) complexes with substituted terpyridine ligands: synthesis and characterization, cytotoxicity and reactivity towards biomolecules. *BioMetals*, 32(1), 33–47. <https://doi.org/10.1007/s10534-018-0155-x>
- Shadap, L., Tyagi, J. L., Poluri, K. M., Pinder, E., Phillips, R. M., Kaminsky, W., & Kollipara, M. R. (2020). Synthesis, structural and in-vitro functional studies of half-sandwich platinum group metal complexes having various bonding modes of benzhydrazone derivative ligands. *Polyhedron*, 176, 114293. <https://doi.org/10.1016/j.poly.2019.114293>
- Sharma, S., Sharma, A., & Gupta, U. (2021). *Molecular Docking Studies on the Anti-Fungal Activity of Allium Sativum (Garlic) Against Mucormycosis (Black Fungus) by BIOVIA Discovery Studio Visualizer 21.1.0.0.* 1–9. <https://doi.org/10.21203/rs.3.rs-888192/v1>
- Siswandono. (2016). *kimia medisinal*. 2, 185.
- Suhartana, Pardoyo, & Paramitha, L. . (2014). Pengaruh Pelarut pada Rendemen Sintesis Senyawa Kompleks Bis - Asetilasetonatotembaga (II). *Jurnal Kimia Sains Dan Aplikasi*, 17(2), 48–50.
- Sung, H., Ferlay, J., Siegel, R. L., Laversanne, M., Soerjomataram, I., Jemal, A., & Bray, F. (2021). Global Cancer Statistics 2020: GLOBOCAN Estimates of Incidence and Mortality Worldwide for 36 Cancers in 185 Countries. *CA: A Cancer Journal for Clinicians*, 71(3), 209–249. <https://doi.org/10.3322/caac.21660>
- Suryanto, & Anwar, C. (2019). Sintesis Antioksidan 4,6-Dialil-2-Metoksifenol Dari Alil Eugenol Melalui Penataan Ulang Claisen. *Chemistry Progress*, 1(1), 1–8. <https://doi.org/10.35799/cp.1.1.2008.19>

- Swamy, K. M. K., Eom, S., Liu, Y., Kim, G., Lee, D., & Yoon, J. (2019). Rhodamine derivatives bearing thiourea groups serve as fluorescent probes for selective detection of ATP in mitochondria and lysosomes. *Sensors and Actuators, B: Chemical*, 281, 350–358. <https://doi.org/10.1016/j.snb.2018.10.135>
- Syahdi, R. R., Iqbal, J. T., Munim, A., & Yanuar, A. (2019). HerbalDB 2.0: Optimization of construction of three-dimensional chemical compound structures to update Indonesian medicinal plant database. *Pharmacognosy Journal*, 11(6), 1189–1194. <https://doi.org/10.5530/pj.2019.11.184>
- Tang, Z. R., Zhang, R., Lian, Z. X., Deng, S. L., & Yu, K. (2019). Estrogen-Receptor Expression and Function in Female Reproductive Disease. *Cells*, 8(10), 1–15. <https://doi.org/10.3390/cells8101123>
- Tao, X., Huang, Y., Wang, C., Chen, F., Yang, L., Ling, L., Che, Z., & Chen, X. (2020). Recent developments in molecular docking technology applied in food science: a review. *International Journal of Food Science and Technology*, 55(1), 33–45. <https://doi.org/10.1111/ijfs.14325>
- Terrón, A., Buils, J., Mooibroek, T. J., Barceló-Oliver, M., García-Raso, A., Fiol, J. J., & Frontera, A. (2020). Synthesis, X-ray characterization and regium bonding interactions of a trichlorido(1-hexylcytosine)gold(iii) complex. *Chemical Communications*, 56(24), 3524–3527. <https://doi.org/10.1039/d0cc00505c>
- Torres, P. H. M., Sodero, A. C. R., Jofily, P., & Silva-Jr, F. P. (2019). Key topics in molecular docking for drug design. *International Journal of Molecular Sciences*, 20(18), 1–29. <https://doi.org/10.3390/ijms20184574>
- Toubia, I., Nguyen, C., Diring, S., Ali, L. M. A., Larue, L., Aoun, R., Frochot, C., Gary-Bobo, M., Kobeissi, M., & Odobel, F. (2019). Synthesis and Anticancer Activity of Gold Porphyrin Linked to Malonate Diamine Platinum Complexes. *Inorganic Chemistry*, 58(18), 12395–12406. <https://doi.org/10.1021/acs.inorgchem.9b01981>
- Varma, A. K., Patil, R., Das, S., Stanley, A., Yadav, L., & Sudhakar, A. (2010). Optimized hydrophobic interactions and hydrogen bonding at the target-ligand interface leads the pathways of Drug-Designing. *PLoS ONE*, 5(8). <https://doi.org/10.1371/journal.pone.0012029>
- Wang, S., Zimmermann, S., Parikh, K., Mansfield, A. S., & Adjei, A. A. (2019). Current Diagnosis and Management of Small-Cell Lung Cancer. *Mayo Clinic Proceedings*, 94(8), 1599–1622. <https://doi.org/10.1016/j.mayocp.2019.01.034>
- Wijaya, S. M., Pitaloka, A. B., & Saputra, A. H. (2021). Sintesis dan Karakterisasi

Carboxymethyl Cellulose (CMC) dari Selulosa Eceng Gondok (*Eichhornia crassipes*) dengan Media Reaksi Isopropanol Etanol. *International Conference on Advance Material and Practical Nanotechnology (ICAMPN)*, 3(1), 1–11.

- Wulandari, F., Ikawati, M., Kirihata, M., Kato, J. Y., & Meiyanto, E. (2021). A new curcumin analog, CCA-1.1, induces cell death and cell cycle arrest in WiDr colon cancer cells via ROS generation. *Journal of Applied Pharmaceutical Science*, 11(9), 099–105. <https://doi.org/10.7324/JAPS.2021.1101014>
- Zhang, Yu, Zhang, X., Qiao, L., Ding, Z., Hang, X., Qin, B., Song, J., & Huang, J. (2019). Synthesis, structures, drug-likeness, in vitro evaluation and in silico docking on novel N-benzoyl-N'-phenyl thiourea derivatives. *Journal of Molecular Structure*, 1176, 335–345. <https://doi.org/10.1016/j.molstruc.2018.08.069>
- Zhang, Yuqi, Forli, S., Omelchenko, A., & Sanner, M. F. (2019). AutoGridFR: Improvements on AutoDock Affinity Maps and Associated Software Tools. *Journal of Computational Chemistry*, 40(32), 2882–2886. <https://doi.org/10.1002/jcc.26054>