

## DAFTAR PUSTAKA

- Abdullah, Surya Sumantri et al. 2021. "Analisis Sifat Fisikokimia, Farmakokinetik Dan Toksikologi Pada Percarpium Pala (*Myristica Fragrans*) Secara Artificial Intelligence." *Chemistry Progress* 14(2): 81.
- Alhara Yuwanda, Dewi Rahmawati, and Rizky Farmasita B. 2021. *1 Sistem Penghantaran Obat Dan Pentargetan Sediaan Nanopartikel Dan Penghantarannya*. Media Sains Indonesia.
- American Pharmaceutical Review, and Laura Zoibi. 2021. "Kolliphor RH40 from BASF North America".  
<https://www.americanpharmaceuticalreview.com/25260-Excipients/5822087-Kolliphor-RH40/>. (May 29, 2023).
- Andrade Santana, Maria Helena. 2015. "Self-Emulsifying Drug Delivery Systems (SEDDS) in Pharmaceutical Development." *Journal of Advanced Chemical Engineering* 5(3).
- Anung Anindhita, M. and Oktaviani, N. 2016. "Formulasi Self-Nanoemulsifying Drug Delivery System (SNEDDS) Ekstrak Daun Pepaya (*Carica Papaya L.*) Dengan Virgin Coconut Oil (VCO) Sebagai Minyak Pembawa." *Pena Medika* 6(2): 103–11.
- Arynta Dharmayanti, and Fahimah Martak. 2015. "Sintesis Senyawa Aktif Kompleks Mangan(II) Dengan Ligan 2(4-Nitrofenil)-4,5-Difenil-1H-Imidazol." *Jurnal Sains dan Seni ITS* 4(2): 2337–3520.
- Asghar, Faiza et al. 2018. "Synthesis, Spectroscopic Investigation, and DFT Study of N, N'-Disubstituted Ferrocene-Based Thiourea Complexes as Potent Anticancer Agents." *Dalton Transactions* 47(6): 1868–78.
- Bravo-Alfaro, D.A. 2020. "Encapsulation of An Insulin-Modified Phosphatidylcholine Complex In a Self-Nanoemulsifying Drug Delivery System (SNEDDS) for Oral Insulin Delivery." *Journal of Drug Delivery Science and Technology* 57.
- Dini Kesuma, and Harry Santosa. 2013. "Sintesis Senyawa 2,4-Diklorobenzoiltiourea Dari 2,4-Diklorobenzoilklorida Dan Tiourea Sebagai Calon Obat Central Nervous System Depressant Melalui Proses Refluks." *Seminar Nasional Teknik Kimia Indonesia*.
- Drzewiecka-Antonik, Aleksandra et al. 2020. "Structure and Anticancer Activity of Cu (II) Complexes with (Bromophenyl) Thiourea Moiety Attached to the Polycyclic Imide." *Journal of Inorganic Biochemistry* 212(111234).

- Dutta, Aastha. 2017. "Fourier Transform Infrared Spectroscopy." In *Spectroscopic Methods for Nanomaterials Characterization*, Elsevier, 73–93.
- Dwistika, Regina. 2018. "Karakteristik Nanopartikel Perak Hasil Produksi Dengan Teknik Elektrolisis Berdasarkan Uji Spektrofotometer Uv-Vis Dan Particle Size Analyzer (PSA)." *Program Studi Fisika, Fakultas Matematika Dan Ilmu Pengetahuan Alam, Universitas Negeri Yogyakarta, Yogyakarta*.
- Fahmi Mochamad Zakki. 2020. *Nanoteknologi Dalam Perspektif Kesehatan*. Surabaya: Airlangga University Press.
- Fauzi Istiqomah, Winda et al. 2019. "Kinetika Leaching Platinum Dari Spent Katalis Menggunakan Aqua Regia." .” In *Prosiding Seminar Nasional Energi & Teknologi (SINERGI)*: 93–100.
- Fazrin, Egista Istioka et al. 2020. "Review: Sintesis Dan Karakterisasi Nanopartikel Emas (AuNP) Serta Konjugasi AuNP Dengan DNA Dalam Aplikasi Biosensor Elektrokimia." *PENDIPA Journal of Science Education* 4(2): 21–39.
- Febriani, Anna, and Yuly Rahmawati. 2019. "Efek Samping Hematologi Akibat Kemoterapi Dan Tatalaksananya." *Jurnal Respirasi* 5(1): 22.
- Fessenden RJ, and Fessenden JS. 1997. *567 Dasar- Dasar Kimia Organik (Terjemahan Sukmariah Maun)*. Jakarta: Binarupa Aksara.
- Fitria, Annisa et al. 2021. "Design and Characterization of Propolis Extract Loaded Self-Nano Emulsifying Drug Delivery System as Immunostimulant." *Saudi Pharmaceutical Journal* 29(6): 625–34.
- Hasan, M.I. 2012. "Modifikasi Nanopartikel Perak Dengan Polivinil Alkohol Untuk Meningkatkan Selektivitas Dan Stabilitas Indikator Logam Tembaga (Cu): Uji Coba Pada Mikroalga Merah (Kappaphycus Alvarezii)." universitas Indonesia, Jakarta.
- HOPE, R.C. Rowe, P.J. Sheskey, and M.E. Quinn. 2009. "*Handbook of Pharmaceutical Excipients. 6th Edn*". .
- Kazi, Mohsin et al. 2019. "Evaluation of Self-Nanoemulsifying Drug Delivery Systems (SNEDDS) for Poorly Water-Soluble Talinolol: Preparation, in Vitro and in Vivo Assessment." *Frontiers in Pharmacology* 10(MAY).
- Khalidah, Amelia Rizky. 2020. "Literature Review: Mekanisme Resistensi Kemoterapi Berbasis Platinum Literature Review: Mechanism Resistance of Platinum-Based Chemotherapy." *Jurnal Kesehatan* 11(1). <http://ejurnal.poltekkes-tjk.ac.id/index.php/JK>.
- Liu, Chunxia et al. 2018. "Self-Nanoemulsifying Drug Delivery System of Tetrandrine for Improved Bioavailability: Physicochemical

- Characterization and Pharmacokinetic Study.” *BioMed Research International* 2018.
- Lubis, Khairiza. 2015. “Metoda-Metoda Karakterisasi Nanopartikel Perak.” *Jurnal Pengabdian Kepada Masyarakat* 21(79) 21(79): 51–56.
- Maharini, Rismarika and Yusnelti. 2020. “Pengaruh Konsentrasi PEG 400 Sebagai Kosurfaktan Pada Formulasi Nanoemulsi Minyak Kepayang.” *Chempublish Jurnal* 5: 1–14.
- Makadia. 2013. “Self-Nano Emulsifying Drug Delivery System (Snedds): Future Aspects.” *Department of Pharmaceutics, S.J. Thakkar Pharmacy College, Kalawad Road, Rajkot-360005*. 3(1): 20–26.
- Mohsin Kazi, Hassan Al-Qarni, Fars K Alanazi. 2017. “Development of Oral Solid Self-Emulsifying Lipid Formulations of Risperidone with Improved in Vitro Dissolution and Digestion.” *Eur J Pharm Biopharm*: 239–49.
- Nasution, Muhammad Sholeh Kurniawan. 2022. “Peranan Senyawa Kompleks Dalam Bidang Medis: Literatur Studi.” *Literatur Studi: Jurnal Impresi Indonesia* 1(5): 546–54.
- NCI. 2021. “What Is Cancer.” *National Cancer Institute*. <https://www.cancer.gov/about-cancer/understanding/what-is-cancer#tissue-changes-not-cancer> (November 2, 2022).
- Nukhasanah et al. 2015. “The Development of Chitosan Nanoparticles From Hibiscus Sabdariffa L Calyx Extract From Indonesia and Thailand.” *International Journal of Pharmaceutical Sciences and Research*. 6(5).
- Nupur Shrivastava, Ankit Parikh, Rikeshwer Prasad Dewangan, Largee Biswas, Anita Kamra Verma, Saurabh Mittal, Javed Ali, Sanjay Garg, and Sanjula Baboota. 2022. “Solid Self-Nano Emulsifying Nanoplatfrom Loaded with Tamoxifen and Resveratrol for Treatment of Breast Cancer.” *Pharmaceutics* 14(7).
- Nuraeni, Witri, Isti Daruwati, Eva W Maria, and dan Maula Eka Sriyani Pusat Teknologi Nuklir Bahan dan Radiometri-Batan. 2013. “Verifikasi Kinerja Alat Particle Size Analyzer (PSA) Horiba LB-550 Untuk Penentuan Distribusi Ukuran Nanopartikel.”
- Nurdianti, Lusi, Ratih Aryani, and Indra Indra. 2017. “Formulasi Dan Karakterisasi SNE (Self Nanoemulsion) Astaxanthin Dari Haematococcus Pluvialis Sebagai Super Antioksidan Alami.” *Jurnal Sains Farmasi & Klinis* 4(1): 36.
- Pires, Douglas E.V., Tom L. Blundell, and David B. Ascher. 2015. “PkCSM: Predicting Small-Molecule Pharmacokinetic and Toxicity Properties Using Graph-Based Signatures.” *Journal of Medicinal Chemistry* 58(9): 4066–72.

- Prasetiowati, Andi Lana et al. 2018. 7 *J. Chem. Sci Indonesian Journal of Chemical Science Sintesis Nanopartikel Perak Dengan Bioreduktor Ekstrak Daun Belimbing Wuluh (Averrhoa Bilimbi L.) Sebagai Antibakteri*. <http://journal.unnes.ac.id/sju/index.php/ijcs>.
- Priani, Sani Ega, Sri Yulianingsih Somantri, and Ratih Aryani. 2020. "Formulasi Dan Karakterisasi SNEDDS (Self Nanoemulsifying Drug Delivery System) Mengandung Minyak Jintan Hitam Dan Minyak Zaitun." *Jurnal Sains Farmasi & Klinis* 7(1): 31.
- Pudyastuti, B. et al. 2021. "Karakterisasi Ukuran Partikel Self-Nanoemulsifying Drug Delivery System Etil Para Metoksi Sinamat Dengan Kombinasi Surfaktan" .” *Prosiding Seminar Nasional dan Call for Papers*: 333-339.
- Rachman, Himas A A, Henry F Aritonang, and Harry S J Koleangan. 2017. "Sintesis Dan Karakterisasi Nanopartikel Platina (Pt) Dari Larutan Kalium Tetrakloroplatinat(II) (K<sub>2</sub>PtCl<sub>4</sub>)." *Chem. Prog* 10(2).
- Radhika Reddy, Muthadi, and Kumar Shiva Gubbiyappa. 2021. "Comprehensive Review On Supersaturable Self-Nanoemulsifying Drug Delivery System A." 14: 2021. <http://dx.doi.org/10.22159/ajpcr.2021v14i8.41987>.
- Rengga, Wara Dyah Pita, Arie Yufitasari, and Wismoyo Adi. 2017. "Synthesis of Silver Nanoparticles from Silver Nitrate Solution Using Green Tea Extract (Camelia Sinensis) as Bioreductor." *Jurnal Bahan Alam Terbarukan* 6(1): 32–38.
- Reza Sadrolhosseini, Amir, Mohd Adzir Mahdi, Farideh Alizadeh, and Suraya Abdul Rashid. 2019. "Laser Ablation Technique for Synthesis of Metal Nanoparticle in Liquid." *Laser Technology and its Applications*: 63–81.
- Rizky Pratama, Paundra, Felysia Isman, and Dan Arif Fadlan. 9 *Jurnal Ilmu Kimia dan Terapan PENYELIDIKAN AKTIVITAS ANTIKANKER PAYUDARA OLEH MINYAK ATSIRI BUNGA MICHELIA ALBA SECARA IN SILICO*. <https://pubchem.ncbi.nlm.nih.gov/>.
- Rizqy Prabhata, Wimzy et al. 2022a. "Review Artikel: Strategi Pengembangan Senyawa Thiourea Sebagai Agen Antikanker." *Generics: Journal of Research in Pharmacy* 2(2): 127–38.
- Rodríguez-Rodríguez, Rogelio et al. 2019. "Mesquite Gum/Chitosan Insoluble Complexes: Relationship between the Water State and Viscoelastic Properties." *Journal of Dispersion Science and Technology* 40(9): 1345–52.
- Ruswanto, Amir M. Miftah, Daryono H. Tjahjono, and Siswandono. 2014. "Sintesis Senyawa 1-(2-Klorobenzoyl)-3-Metil Tiourea Sebagai Kandidat Anti Kanker." *Seminar Nasional Kimia* : 238–46.

- Ruswanto, Ruswanto et al. 2018. “Karakterisasi Dan Sintesis Senyawa Kompleks Fe (III) 4-Fluoro-N’-[(Pyridin-4-YL)Carbonyl]Benzolhydrazine Sebagai Kandidat Antituberkulosis.” *Journal of Pharmacopolium* 1(2): 100–106.
- Ruswanto, Ruswanto, and Asep Nugraha. 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, Analis Kesehatan dan Farmasi* 14(1): 145.
- Savale, S. K. 2015. “ A Review - Self Nanoemulsifying Drug Delivery System (Snedds).” *International Journal of Research in Pharmaceutical and Nano Sciences*.
- Shinta, Diyanti. 2022. *Karkterisasi Dan Studi Komputasi Kompleks Platinum (II)-1(2-Chlorobenzoyl-3-Methylthiourea) Sebagai Kandidat Antikanker*. Tasikmalaya.
- Singh, Y. et al. 2017. “‘Nanoemulsion: Concepts, Development and Applications in Drug Delivery,’ *Journal of Controlled Release*. .” *Elsevier B.V*: 28–49.
- Sung, Hyuna et al. 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): 209–49.
- Yoshida, M. et al. 2019. “‘Homogeneous Nucleation of Corundum Nanocrystallites by Rapid Heating of Aluminum Formate Hydroxide-Based Precursor Powder,’ .” *Scientific Reports* 9(1).
- Zhang, Y., Li, Q., Li, W., Li, S., & Li, Y. 2019. “Preparation of Platinum Nanoparticles by Self-Nanoemulsifying Drug Delivery System for Cancer Therapy.” *Journal of Drug Delivery Science and Technology* 51: 542–48.