

## DAFTAR PUSTAKA

- Abdelhamed, F.M., Abdeltawab, N.F., ElRakaiby, M.T., Shamma, R.N. and Moneib, N.A. (2022) ‘Antibacterial and Anti-Inflammatory Activities of Thymus vulgaris Essential Oil Nanoemulsion on Acne Vulgaris’, *Microorganisms*, 10(9).
- Abdullah, N.A., Jufri, M., Mun’im, A. and Saputri, F.C. (2022) ‘Formulation and Evaluation of Two Celastrol Nanoemulsions Prepared From Two Oils: Isopropyl Myristate and Virgin Coconut Oil’, *International Journal of Applied Pharmaceutics*, 14(2), pp. 267–275. Available at: <https://doi.org/10.22159/ijap.2022v14i2.43509>.
- Aisyah, Y., Haryani, S., Safriani, N. and El Husna, N. (2018) ‘Optimization of emulsification process parameters of cinnamon oil nanoemulsion’, *International Journal on Advanced Science, Engineering and Information Technology*, 8(5), pp. 2092–2098.
- Al-Bayati, F.A. and Mohammed, M.J. (2009) ‘Isolation, identification, and purification of cinnamaldehyde from Cinnamomum zeylanicum bark oil. An antibacterial study’, *Pharmaceutical Biology*, 47(1), pp. 61–66. Available at: <https://doi.org/10.1080/13880200802430607>.
- Alhasso, B., Ghorri, M.U. and Conway, B.R. (2023) ‘Development of Nanoemulsions for Topical Application of Mupirocin’, *Pharmaceutics*, 15(2), p. 378. Available at: <https://doi.org/10.3390/pharmaceutics15020378>.
- Ali, A., Ansari, V.A., Ahmad, U., Akhtar, J. and Jahan, A. (2017) ‘Nanoemulsion: An Advanced Vehicle for Efficient Drug Delivery’, *Drug Research*, 67(11), pp. 617–631. Available at: <https://doi.org/10.1055/s-0043-115124>.
- Ali, A., Ponnampalam, E.N., Pushpakumara, G., Cottrell, J.J., Suleria, H.A.R. and Dunshea, F.R. (2021) ‘Cinnamon: A natural feed additive for poultry health and production—A review’, *Animals*, 11(7), pp. 1–16. Available at: <https://doi.org/10.3390/ani11072026>.
- Ali, K., Hamed, M.A., Hassan, H., Esmail, A. and Sheneef, A. (2018) ‘Identification of fungal pathogens in otomycosis and their drug sensitivity: Our experience’, *International Archives of Otorhinolaryngology*, 22(4), pp. 400–403. Available at: <https://doi.org/10.1055/s-0038-1626702>.
- Anwar, K. and Gohar, M.S. (2014) ‘Otomycosis; Clinical features, predisposing factors and treatment implications’, *Pakistan Journal of Medical Sciences*, 30(3), pp. 2–5. Available at: <https://doi.org/10.12669/pjms.303.4106>.
- Arendrup, M. (2014) ‘Update on antifungal resistance in Aspergillus and Candida’, *Clinical Microbiology and Infection*, 20, pp. 42–48. Available at: <https://doi.org/10.1111/1469-0691.12513>.

- Azmi, N.A.N., Elgharbawy, A., Salleh, H.M. and Moniruzzaman, M. (2022) 'Preparation, Characterization and Biological Activities of an Oil-in-Water Nanoemulsion from Fish By-Products and Lemon Oil by Ultrasonication Method', *Molecules*, 24(19).
- Barisik, M., Atalay, S., Beskok, A. and Qian, S. (2014) 'Size dependent surface charge properties of silica nanoparticles', *Journal of Physical Chemistry C*, 118(4), pp. 1836–1842. Available at: <https://doi.org/10.1021/jp410536n>.
- Cheng, M., Zeng, G., Huang, D., Yang, C., Lai, C., Zhang, C. and Liu, Y. (2017) 'Advantages and challenges of Tween 80 surfactant-enhanced technologies for the remediation of soils contaminated with hydrophobic organic compounds', *Chemical Engineering Journal*, 314, pp. 98–113. Available at: <https://doi.org/10.1016/j.cej.2016.12.135>.
- Chong, W.T., Tan, C.P., Cheah, Y.K., Lajis, A.F.B., Dian, N.L.H.M., Kanagaratnam, S. and Lai, O.M. (2018) 'Optimization of process parameters in preparation of tocotrienol-rich red palm oil-based nanoemulsion stabilized by Tween80-Span 80 using response surface methodology', *PLoS ONE*, 13(8), pp. 1–22. Available at: <https://doi.org/10.1371/journal.pone.0202771>.
- Clayton, K.N., Salameh, J.W., Wereley, S.T. and Kinzer-Ursem, T.L. (2016) 'Physical characterization of nanoparticle size and surface modification using particle scattering diffusometry', *Biomicrofluidics*, 10(5), pp. 1–14. Available at: <https://doi.org/10.1063/1.4962992>.
- Dasgupta, N., Ranjan, S. and Gandhi, M. (2019) 'Nanoemulsion ingredients and components', *Environmental Chemistry Letters*, 17(2), pp. 917–928. Available at: <https://doi.org/10.1007/s10311-018-00849-7>.
- Dave, N. and Joshi, T. (2017) 'A Concise Review on Surfactants and Its Significance', *International Journal of Applied Chemistry*, 13(3), pp. 663–672. Available at: <http://www.ripublication.com>.
- Delgado, Y., Ferrer-acosta, Y., Su, I.J., Torres, A., Torres-mart, Z., Daraishka, P., Gonz, M.J., Vel, R.A., Andino, J., Correa-rodr, C., Franco, J.C., Mil, W., Rosario, G., Vel, E., Vega, J., Col, J. and Batista, C. (2021) 'applied sciences Biomedical Effects of the Phytonutrients Turmeric , Garlic ',.
- Fernandes, A.R., Sanchez-Lopez, E., Dos Santos, T., Garcia, M.L., Silva, A.M. and Souto, E.B. (2021) 'Development and characterization of nanoemulsions for ophthalmic applications: Role of cationic surfactants', *Materials*, 14(24), pp. 1–17. Available at: <https://doi.org/10.3390/ma14247541>.
- Ferreira, M.L., Gehrcke, M., Ferrari Cervi, V., Eliete Rodrigues Bitencourt, P., Ferreira da Silveira, E., Hofstatter Azambuja, J., Prates Ramos, A., Nascimento, K., Beatriz Moretto, M., Braganhol, E., Rorato Sagrillo, M. and Cruz, L. (2016) 'Pomegranate seed oil nanoemulsions with selective antiangioma activity: optimization and evaluation of cytotoxicity, genotoxicity

and oxidative effects on mononuclear cells', *Pharmaceutical Biology*, 54(12), pp. 2968–2977.

- Fu, X., Kong, W., Zhang, Y., Jiang, L., Wang, J. and Lei, J. (2015) 'Novel solid-solid phase change materials with biodegradable trihydroxy surfactants for thermal energy storage', *RSC Advances*, 5(84), pp. 68881–68889. Available at: <https://doi.org/10.1039/c5ra11842e>.
- Gharbavi, M., Manjili, H.K., Amani, J., Sharafi, A. and Danafar, H. (2019) 'In vivo and in vitro biocompatibility study of novel microemulsion hybridized with bovine serum albumin as nanocarrier for drug delivery', *Heliyon*, 5(6). Available at: <https://doi.org/10.1016/j.heliyon.2019.e01858>.
- Gheorghe, D.C., Niculescu, A.G., Bîrcă, A.C. and Grumezescu, A.M. (2021) 'Nanoparticles for the treatment of inner ear infections', *Nanomaterials*, 11(5). Available at: <https://doi.org/10.3390/nano11051311>.
- Ghosh, V., Saranya, S., Mukherjee, A. and Chandrasekaran, N. (2013) 'Cinnamon oil nanoemulsion formulation by ultrasonic emulsification: Investigation of its bactericidal activity', *Journal of Nanoscience and Nanotechnology*, 13(1), pp. 114–122. Available at: <https://doi.org/10.1166/jnn.2013.6701>.
- Gumiero, V.C. and da Rocha Filho, P.A. (2012) 'Babassu Nanoemulsions Have Physical and Chemical Stability', *Journal of Dispersion Science and Technology*, 33(11), pp. 1569–1573. Available at: <https://doi.org/10.1080/01932691.2011.625219>.
- Gupta, A. (2019) *Nanoemulsions, Nanoparticles for Biomedical Applications: Fundamental Concepts, Biological Interactions and Clinical Applications*. Elsevier Inc. Available at: <https://doi.org/10.1016/B978-0-12-816662-8.00021-7>.
- Gurpreet, K. and Singh, S.K. (2018) 'Review of nanoemulsion formulation and characterization techniques', *Indian Journal of Pharmaceutical Sciences*, 80(5), pp. 781–789.
- Halnor, V. V., Pande, V. V., Borawake, D.D. and Nagare, H.S. (2018) 'Nanoemulsion: A Novel Platform for Drug Delivery System Classification of Nanoemulsions', *Journal of Materials Science & Nanotechnology*, 6(1), p. 104.
- Handa, M., Ujjwal, R.R., Vasdev, N., Flora, S.J.S. and Shukla, R. (2021) 'Optimization of Surfactant- And Cosurfactant-Aided Pine Oil Nanoemulsions by Isothermal Low-Energy Methods for Anticholinesterase Activity', *ACS Omega*, 6(1), pp. 559–568.
- Hey, M.J. and Kingston, J.G. (2006) 'Maximum stability of a single spherical particle attached to an emulsion drop', *Journal of Colloid and Interface*

*Science*, 298(1), pp. 497–499.

Hien, L.T.M. and Dao, D.T.A. (2019) 'Formation of nanoemulsion from black pepper essential oil by high speed homogenization method', *Vietnam Journal of Chemistry*, 57(3), pp. 352–356.

ITIS. (2022). *Cinnamomum burmannii*. Tersedia di : [https://www.itis.gov/servlet/SingleRpt/SingleRpt?search\\_topic=TSN&search\\_value=501525](https://www.itis.gov/servlet/SingleRpt/SingleRpt?search_topic=TSN&search_value=501525) (diakses : 5 November 2022).

Jain, H. and Chella, N. (2021) 'Methods to improve the solubility of therapeutical natural products: a review', *Environmental Chemistry Letters*, 19(1), pp. 111–121. Available at: <https://doi.org/10.1007/s10311-020-01082-x>.

Jaiswal, M., Dudhe, R. and Sharma, P.K. (2015) 'Nanoemulsion: an advanced mode of drug delivery system', *3 Biotech*, 5(2), pp. 123–127. Available at: <https://doi.org/10.1007/s13205-014-0214-0>.

Jan, Y., Al-Keridis, L.A., Malik, M., Haq, A., Ahmad, S., Kaur, J., Adnan, M., Alshammari, N., Ashraf, S.A. and Panda, B.P. (2022) 'Preparation, modelling, characterization and release profile of vitamin D3 nanoemulsion', *Lwt*, 169(August), p. 113980.

Jeremić, K., Kladar, N., Vučinić, N., Todorović, N. and Hitl, M. (2019) 'Morphological characterization of cinnamon bark and powder available in the Serbian market', *Biologia Serbica*, 41(1), pp. 89–93. Available at: <https://doi.org/10.5281/zenodo.3525428>.

Jusril, N.A., Abu Bakar, S.I., Khalil, K.A., Md Saad, W.M., Wen, N.K. and Adenan, M.I. (2022) 'Development and Optimization of Nanoemulsion from Ethanolic Extract of *Centella asiatica* (NanoSECA) Using D-Optimal Mixture Design to Improve Blood-Brain Barrier Permeability', *Evidence-Based Complementary and Alternative Medicine*, 2022, pp. 1–18. Available at: <https://doi.org/10.1155/2022/3483511>.

Kazemi, A., Majidinia, M., Jaafari, A., Mousavi, S.A.A., Mahmoudabadi, A.Z. and Alikhah, H. (2015) 'Etiologic agents of otomycosis in the North-Western area of Iran', *Jundishapur Journal of Microbiology*, 8(9). Available at: <https://doi.org/10.5812/jjm.21776>.

Khan, A. and Jain, S.K. (2021) 'Antifungal Activity of Essential Oils against Fungi causing Otomycosis', *Bulletin of Environment, Pharmacology and Life Sciences*, 10(8), pp. 90–93.

Khan, R.U., Shah, S.U., Rashid, S.A., Naseem, F., Shah, K.U., Farid, A., Hakeem, K.R., Kamli, M.R., Althubaiti, E.H. and Alamoudi, S.A. (2022) 'Lornoxicam-Loaded Chitosan-Decorated Nanoemulsion: Preparation and In Vitro Evaluation for Enhanced Transdermal Delivery', *Polymers*, 14(9), p. 1922.

- Kotta, S., Khan, A.W., Ansari, S.H., Sharma, R.K. and Ali, J. (2015) 'Formulation of nanoemulsion: A comparison between phase inversion composition method and high-pressure homogenization method', *Drug Delivery*, 22(4), pp. 455–466. Available at: <https://doi.org/10.3109/10717544.2013.866992>.
- Kowalska, J., Tyburski, J., Matysiak, K., Jakubowska, M., Łukaszyk, J. and Krzywińska, J. (2021) 'Cinnamon as a useful preventive substance for the care of human and plant health', *Molecules*, 26(17), pp. 1–13. Available at: <https://doi.org/10.3390/molecules26175299>.
- Laekeman, G. (2011) 'Assessment report on Cinnamomum verum J. S. Presl (Cinnamomum zeylanicum Nees), cortex and corticis aetheroleum', 44(May), pp. 12–13.
- Lin, Y., Liu, J., Gao, Y., Liu, R., Qin, Z. and Guan, Y. (2021) 'Insight into the phase inversion of a turmeric oil nanoemulsion in antifungal process', *International Journal of Food Science and Technology*, 56(2), pp. 785–793. Available at: <https://doi.org/10.1111/ijfs.14722>.
- Malik, M.R., Al-Harbi, F.F., Nawaz, A., Amin, A., Farid, A., Al Mohaini, M., Alsaman, A.J., Al Hawaj, M.A. and Alhashem, Y.N. (2022) 'Formulation and Characterization of Chitosan-Decorated Multiple Nanoemulsion for Topical Delivery In Vitro and Ex Vivo', *Molecules*, 27(10). Available at: <https://doi.org/10.3390/molecules27103183>.
- Marfina, A., Cahyono, E., Mursiti, S. and Harjono (2019) 'Indonesian Journal of Chemical Science Sintesis Nanopartikel Emas dengan Bioreduktor Minyak Atsiri Kayu Manis (Cinnamomum burmannii)', *Indonesian Journal of Chemical Science*, 8(2), p. 127.
- Mazarei, Z. and Rafati, H. (2019) 'Nanoemulsification of Satureja khuzestanica essential oil and pure carvacrol; comparison of physicochemical properties and antimicrobial activity against food pathogens', *Lwt*, 100, pp. 328–334. Available at: <https://doi.org/10.1016/j.lwt.2018.10.094>.
- Mohammed, N.K., Muhiaddin, B.J. and Meor Hussin, A.S. (2020) 'Characterization of nanoemulsion of Nigella sativa oil and its application in ice cream', *Food Science and Nutrition*, 8(6), pp. 2608–2618. Available at: <https://doi.org/10.1002/fsn3.1500>.
- Muthi, B. (2016) 'Formulation And Optimization Of Caffeine Nanoemulsion Using Factorial Design Study', *Icmhs*, pp. 6–9.
- Nastiti, C.M.R.R., Ponto, T., Abd, E., Grice, J.E., Benson, H.A.E. and Roberts, M.S. (2017) 'Topical nano and microemulsions for skin delivery', *Pharmaceutics*, 9(4).
- Nemati, S., Hassanzadeh, R., Khajeh Jahromi, S. and Delkhosh Nasrollah Abadi, A. (2014) 'Otomycosis in the north of Iran: Common pathogens and

resistance to antifungal agents', *European Archives of Oto-Rhino-Laryngology*, 271(5), pp. 953–957.

- Oh, D.H., Balakrishnan, P., Oh, Y.K., Kim, D.D., Yong, C.S. and Choi, H.G. (2011) 'Effect of process parameters on nanoemulsion droplet size and distribution in SPG membrane emulsification', *International Journal of Pharmaceutics*, 404(1–2), pp. 191–197.
- Ojha, B., Jain, V.K., Gupta, S., Talegaonkar, S. and Jain, K. (2022) 'Nanoemulgel: a promising novel formulation for treatment of skin ailments', *Polymer Bulletin*, 79(7), pp. 4441–4465. Available at: <https://doi.org/10.1007/s00289-021-03729-3>.
- Paim, L.F.N.A., Flores Dalla Lana, D., Giaretta, M., Jacobi Danielli, L., Meneghello Fuentefria, A., Anders Apel, M. and Clemes Külkamp-Guerreiro, I. (2018) 'Poiretia latifolia essential oil as a promising antifungal and anti-inflammatory agent: Chemical composition, biological screening, and development of a nanoemulsion formulation', *Industrial Crops and Products*, 126(April), pp. 280–286. Available at: <https://doi.org/10.1016/j.indcrop.2018.10.016>.
- Pavoni, L., Perinelli, D.R., Bonacucina, G., Cespi, M. and Palmieri, G.F. (2020) 'An overview of micro- and nanoemulsions as vehicles for essential oils: Formulation, preparation and stability', *Nanomaterials*, 10(1). Available at: <https://doi.org/10.3390/nano10010135>.
- Pongsumpun, P., Iwamoto, S. and Siripatrawan, U. (2020) 'Response surface methodology for optimization of cinnamon essential oil nanoemulsion with improved stability and antifungal activity', *Ultrasonics Sonochemistry*, 60. Available at: <https://doi.org/10.1016/j.ultsonch.2019.05.021>.
- Pootong, A., Norrapong, B. and Cowawintaweewat, S. (2017) 'Antifungal activity of cinnamaldehyde against *Candida albicans*', *Southeast Asian Journal of Tropical Medicine and Public Health*, 48(1), pp. 150–158.
- Radwan, I.A., Abed, A.H., Abeer, M.R., Ibrahim, M.A. and Abdallah, A.S. (2014) 'Effect of thyme, clove and cinnamon essential oils on *Candida albicans* and moulds isolated from different sources', *American Journal of Animal and Veterinary Sciences*, 9(4), pp. 303–314. Available at: <https://doi.org/10.3844/ajavsp.2014.303.314>.
- Rao, P.V. and Gan, S.H. (2014) 'Cinnamon: A multifaceted medicinal plant', *Evidence-based Complementary and Alternative Medicine*, 2014. Available at: <https://doi.org/10.1155/2014/642942>.
- Rebolleda, S., Sanz, M.T., Benito, J.M., Beltrán, S., Escudero, I. and González San-José, M.L. (2015) 'Formulation and characterisation of wheat bran oil-in-water nanoemulsions', *Food Chemistry*, 167, pp. 16–23. Available at: <https://doi.org/10.1016/j.foodchem.2014.06.097>.

- Romdhane, A., Arousseau, M., Guillet, A. and Mauret, E. (2015) 'Effect of pH and ionic strength on the electrical charge and particle size distribution of starch nanocrystal suspensions', *Starch/Staerke*, 67(3–4), pp. 319–327. Available at: <https://doi.org/10.1002/star.201400181>.
- Saberi, A.H., Fang, Y. and McClements, D.J. (2013) 'Fabrication of vitamin E-enriched nanoemulsions by spontaneous emulsification: Effect of propylene glycol and ethanol on formation, stability, and properties', *Food Research International*, 54(1), pp. 812–820.
- Sadoon, N.A. and Ghareeb, M.M. (2020) 'Formulation and characterization of isradipine as oral nanoemulsion', *Iraqi Journal of Pharmaceutical Sciences*, 29(1), pp. 143–153. Available at: <https://doi.org/10.31351/VOL29ISS1PP143-153>.
- Salim, N., Ahmad, N., Musa, S.H., Hashim, R., Tadros, T.F. and Basri, M. (2016) 'Nanoemulsion as a topical delivery system of antipsoriatic drugs', *RSC Advances*, 6(8), pp. 6234–6250. Available at: <https://doi.org/10.1039/c5ra14946k>.
- Senapati, P.C., Sahoo, S.K. and Sahu, A.N. (2016) 'Mixed surfactant based (SNEDDS) self-nanoemulsifying drug delivery system presenting efavirenz for enhancement of oral bioavailability', *Biomedicine and Pharmacotherapy*, 80, pp. 42–51. Available at: <https://doi.org/10.1016/j.biopha.2016.02.039>.
- Shahavi, M.H., Hosseini, M., Jahanshahi, M., Meyer, R.L. and Darzi, G.N. (2019) 'Evaluation of critical parameters for preparation of stable clove oil nanoemulsion', *Arabian Journal of Chemistry*, 12(8), pp. 3225–3230. Available at: <https://doi.org/10.1016/j.arabjc.2015.08.024>.
- Sheskey, P.J., Cook, W.G. and Cable, C.G. (2017) *Handbook of Pharmaceutical Excipients*. London: Pharmaceutical Press and American Pharmacists Association.
- Shuaib Kayode, A., Kayode Rasaq, A. and Tayo, I. (2020) 'A Prospective Analysis of Otomycosis in a Tertiary Care Hospital', *International Journal of Tropical Diseases*, 3(1), pp. 1–8. Available at: <https://doi.org/10.23937/2643-461x/1710029>.
- Smail, S.S., Ghareeb, M.M., Omer, H.K., Al-Kinani, A.A. and Alany, R.G. (2021) 'Studies on surfactants, cosurfactants, and oils for prospective use in formulation of ketorolac tromethamine ophthalmic nanoemulsions', *Pharmaceutics*, 13(4).
- Stevens, N. and Allred, K. (2022) 'Antidiabetic Potential of Volatile Cinnamon Oil: A Review and Exploration of Mechanisms Using In Silico Molecular Docking Simulations', *Molecules*, 27(3). Available at: <https://doi.org/10.3390/molecules27030853>.

- Sugumar, S., Mukherjee, A. and Chandrasekaran, N. (2015) 'Eucalyptus oil nanoemulsion-impregnated chitosan film: Antibacterial effects against a clinical pathogen, *Staphylococcus aureus*, in vitro', *International Journal of Nanomedicine*, 10, pp. 67–75.
- Sun, Q., Li, J., Sun, Y., Chen, Q., Zhang, L. and Le, T. (2020) 'The antifungal effects of cinnamaldehyde against *Aspergillus niger* and its application in bread preservation', *Food Chemistry*, 317, p. 126405. Available at: <https://doi.org/10.1016/j.foodchem.2020.126405>.
- Tadros, T.F. (2015) '9. Low energy methods for preparation of nanoemulsions and practical examples of nanoemulsions', *Nanodispersions*, pp. 217–238. Available at: <https://doi.org/10.1515/9783110290349-010>.
- Ullah, N., Amin, A., Alamoudi, Rana A., Rasheed, S.A., Alamoudi, Ruaa A., Nawaz, A., Raza, M., Nawaz, T., Ishtiaq, S. and Abbas, S.S. (2022) 'Fabrication and Optimization of Essential-Oil-Loaded Nanoemulsion Using Box–Behnken Design against *Staphylococcus aureus* and *Staphylococcus epidermidis* Isolated from Oral Cavity', *Pharmaceutics*, 14(8). Available at: <https://doi.org/10.3390/pharmaceutics14081640>.
- Vandeputte, P., Ferrari, S. and Coste, A.T. (2012) 'Antifungal resistance and new strategies to control fungal infections', *International Journal of Microbiology*, 2012. Available at: <https://doi.org/10.1155/2012/713687>.
- Wong, Y.C., Ahmad-Mudzaqqir, M.Y. and Wan-Nurdiyana, W.A. (2014) 'Extraction of essential oil from cinnamon (*Cinnamomum zeylanicum*)', *Oriental Journal of Chemistry*, 30(1), pp. 37–47. Available at: <https://doi.org/10.13005/ojc/300105>.
- Wu, S., Cheng, Y., Lin, S. and Liu, H. (2021) 'A Comparison of Antifungal Drugs and Traditional Antiseptic Medication for Otomycosis Treatment: A Systematic Review and Meta-Analysis', *Frontiers in Surgery*, 8(December), pp. 1–11. Available at: <https://doi.org/10.3389/fsurg.2021.739360>.
- Xiao, Y., Zhang, F., Xu, H., Yang, C., Song, X., Zhou, Y., Zhou, X., Liu, X. and Miao, J. (2022) 'Cinnamaldehyde microcapsules enhance bioavailability and regulate intestinal flora in mice', *Food Chemistry: X*, 15(July), p. 100441. Available at: <https://doi.org/10.1016/j.fochx.2022.100441>.
- Yakoubi, S., Kobayashi, I., Uemura, K., Nakajima, M., Isoda, H., Ksouri, R., Saidani-Tounsi, M. and Neves, M.A. (2021) 'Essential-oil-loaded nanoemulsion lipidic-phase optimization and modeling by response surface methodology (Rsm): Enhancement of their antimicrobial potential and bioavailability in nanoscale food delivery system', *Foods*, 10(12). Available at: <https://doi.org/10.3390/foods10123149>.
- Yamashita, Y. and Sakamoto, K. (2016) 'Hydrophilic-Lipophilic Balance (HLB): Classical Indexation and Novel Indexation of Surfactant', *Encyclopedia of*



*Biocolloid and Biointerface Science 2V Set*, 1, pp. 570–574. Available at: <https://doi.org/10.1002/9781119075691.ch45>.

Ying Li, Kröger, M. and Liua, W.K. (2015) ‘Shape Effect in Cellular Uptake of PEGylated Nanopar-ticles: Comparison between sphere, rod, cube and disk’, *nanoscale*, 3, pp. 10715–10722.

Zeng, L., Liu, Y., Pan, J. and Liu, X. (2019) ‘Formulation and evaluation of norcanthridin nanoemulsions against the *Plutella xylostella* (Lepidoptera: Plutellidae)’, *BMC Biotechnology*, 19(1), pp. 1–11. Available at: <https://doi.org/10.1186/s12896-019-0508-8>.

Zhang, C. and Li, B. (2022) ‘Fabrication of nanoemulsion delivery system with high bioaccessibility of carotenoids from *Lycium barbarum* by spontaneous emulsification’, *Food Science and Nutrition*, 10(8), pp. 2582–2589. Available at: <https://doi.org/10.1002/fsn3.2863>.

Zhao, X., Zhu, Y., Zhang, C., Lei, J., Ma, Y. and Du, F. (2017) ‘Positive charge pesticide nanoemulsions prepared by the phase inversion composition method with ionic liquids’, *RSC Advances*, 7(77), pp. 48586–48596. Available at: <https://doi.org/10.1039/c7ra08653a>.

