

DR. MAZDIDA SULAIMAN, MMIC

Ph.D. Universiti Malaya, 2014

MSc. (Chemistry), 2000

BSc. (Hons) (Chemistry), 1995

mazdid@um.edu.my

**Major Recognition**

- Associate Editor, International STEM Journal, 2021
- Reviewer, International Journal of Research and Scientific Innovation (IJRSI), 2021
- Pensyarah Pembimbing bagi Program Diploma Pascasiswazah Pendidikan Universiti Malaya, Fakulti Pendidikan, 2018
- Perwakilan Fungsi, Kuasa dan Kewajipan Tatatertib dibawah Akta Universiti dan Kolej Universiti 1971, Universiti Malaya, 2018
- Ahli Mini Lab bagi Program Asasi, Universiti Malaya, 2018
- Subject Specialist for the Development of Matriculation Science (Chemistry) Courseware, ICT Learning, 2003

Research Interest

- Natural Products Chemistry
- Development of Ion-Conducting Composite Solid Electrolytes
- STEM Education (Chemistry)

Research Highlight

We are exploring on materials that could be useful in many meaningful applications for living things especially in biomedical applications and energy. Currently we are trying to develop materials via eco-friendly approach that is green synthesis using potential plants and non-toxic chemicals for antimicrobial, antibacterial and antiviral activities.

Representative Publications:

1. Sulaiman, M; Su, NC; Mohamed, N.S. (2017). Sol-gel synthesis and characterization of β -MgSO₄:Mg(NO₃)₂-MgO composite solid electrolyte. *Ionics*, 23:443-452.
2. Sulaiman, M., Dzulkarnain, N. A., Rahman, A. A., Mohamed, N. S. (2012). Sol-gel synthesis and characterization of LiNO₃-Al₂O₃ composite solid electrolyte *Solid State Sciences*, 14:127-132.
3. Wiart, C., Kumar, K., Yusof, M. Y., Hamimah, H., Fauzi, Z. M., Sulaiman, M. (2005). Antiviral properties of ent-labdene diterpenes of *Andrographis paniculata* Nees, inhibitors of herpes simplex virus type 1. *Phytother Res.*, 19(12):1069-70.
4. SULAIMAN, Mazdida; A. HADI, A. Hamid; AWANG, Khalijah (2003). Alkaloids and Flavones from *Desmos dumosus*, Roxb. Salt. (Annonaceae). *Malaysian Journal of Science*, 22, n. 1, p. 87-93.
5. Sulaiman, M., Martin, M. T., Pais, M., Hadi, A.H.A. & Awang, K. (1998). Desmosine, an artefact alkaloid from *Desmos dumosus*. *Phytochemistry* 49(7):2191-2192.
6. O. Rozana, S. Mazdida, U. Shasya, K. Awang & A. Hamid A. Hadi. 1999. Chemical Constituents of Three Malaysian Annonaceae. *Malaysian Journal of Science* 18(1):35-40.

Professional Activities:

Member, Malaysian Institute of Chemistry (IKM), 2021

Ordinary Member, Malaysian Analytical Sciences Society (ANALIS), 2021

Life Member, Malaysian Solid State Science and Technology Society (MASS), since 2014

Member, Royal Society of Chemistry, UK (ID 702179)

Website:

<https://www.researchgate.net/profile/Mazdida-Sulaiman>

<https://umexpert.um.edu.my/mazdid>