

ChM DR. SYAHIDAH AKMAL MUHAMMAD

BSc. (Pure Chemistry, USM), MSc. (Chemistry, USM), PhD. (Chemistry, Otago)

Senior Lecturer

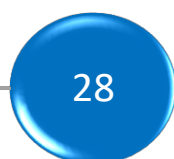
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CITATION INDICES



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Publications



Citations



TEACHING
EXPERIENCE



RESEARCH & PUBLICATIONS

COMPLETED GRANTS	6	JOURNALS (ISI/SCOPUS)	28
ONGOING GRANTS	4	MONOGRAPH	0
BOOKS	0	PATENT	0
CHAPTER IN BOOKS	2	COPYRIGHT	0

RECOGNITION & AWARDS

(MAIN DETAILS)

- IAEA Fellowship, International Atomic Energy Agency, Austria, 2016 (International)
- Geographical Origin of Malaysian Agroproducts Using Isotopic and Elemental Fingerprint, Agensi Nuklear Malaysia, Hari Inovasi ANM, 2018 (National)
- International Invention, Innovation & Technology Exhibition, Malaysian Invention and Design Society, 30th ITEX 2019, 2019 (International)
- Environmental Consultant for Pengurusan Air Selangor Sdn. Bhd., 2021 - current (Industry)

SERVICE TO UNIVERSITY/COMMUNITY/INDUSTRY

UNIT MANAGER

- Unit Pengurusan NMR, ABrC, USM, 2016-current, (University)

TECHNICAL COMMITTEE

- Kumpulan Kerja Madu WG/U/2-1, Standards Malaysia, 25/02/2020-31/12/2020 (National)

COORDINATOR

- IAEA/RCA Regional Training Course: Application of Stable Isotope and Trace Element Analyses (International)
- IAEA/RCA Regional Training Course on the Use of Advanced Nuclear Techniques (International)

TEACHING & SUPERVISION

TEACHING:

Chemistry for Technologists; Treatment and Management of Scheduled Waste; Environmental Forensics; Applied Environmental Forensics

RESEARCH:

Chemical fingerprinting in environmental forensics; Stable isotope profiling in any traceability and forensic applications; Environmental monitoring of organic contaminants



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Source apportionment of environmental pollutants #SDG6 #SDG14
Peaceful Use of Nuclear-Related Analytical Techniques for Food Authenticity and Traceability #SDG12 #SDG17

ACADEMIC PROFESSIONAL SERVICE

VISITING SCIENTIST	8
EDITORIAL BOARD	0
JOURNAL REVIEWER	17
TECHNICAL ASSESSOR	0
CONSULTANCY	11
KEYNOTE SPEAKER	2
PROFESSIONAL MEMBERSHIP	4