



KEMENTERIAN SAINS,
TEKNOLOGI DAN INOVASI



SENARAI **ENERBITAN** AGENSI NUKLEAR MALAYSIA 2025

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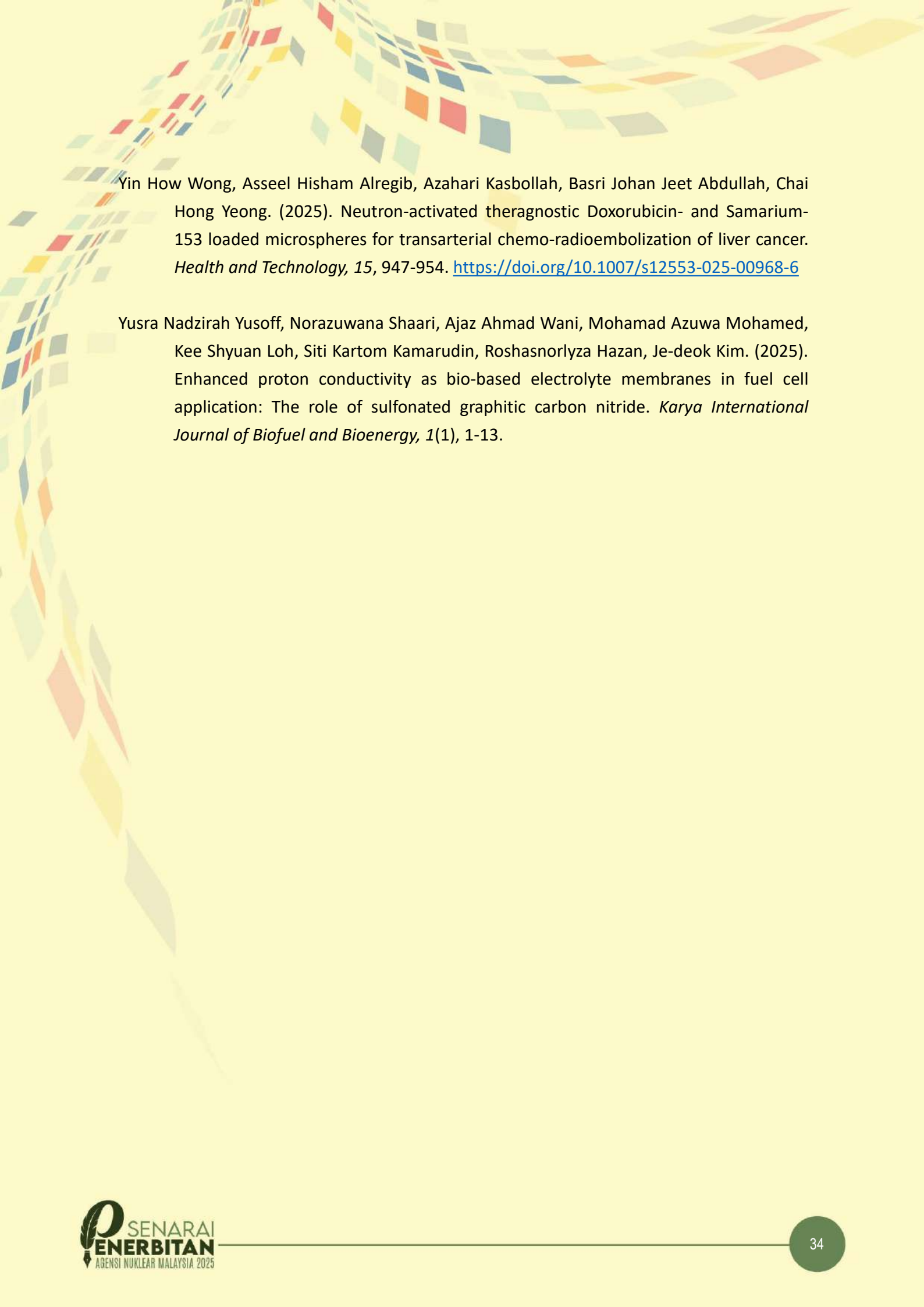
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Muniroh Md Saad, Mustapha Akil, Norazlina Noordin, Shakinah Salleh, Nor Hafiz Talib, Wan Norhanis Ahmad Yarani, Nur Hayati Irwan, Nashimatul Adadiah Yahya, Wan fatini Wan Razat, Nur Safuraa Rozali. (2025, 24-25 September). *Protocol for radiosensitivity assessment of zingiber officinale CV. Halia bentong under acute gamma irradiation*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nadira Kamarudin, Izura Izzudin, Nurliana Roslan, Muhammad Afiq Abdul Razak, Hishamuddin Husain. (2025, 24-25 September). *A quantitative approach to assessing the effects of gamma radiation on Color changes of rare books using spectrophotometry*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Natasha Isnin, Khomsaton Abu Bakar, Sarada Idris Sarala, Selambakkanu, Ting Teo Ming, Jong BorChyan, Pauline Liew Woan Ying. (2025, 24-25 September). *Utilizing bacterial consortiums for sustainable treatment of textile wastewater*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nazaratul Ashifa Abdullah Salim, Norlida Mat Daud. (2024, 14-16 October). *Nutritional profiling and classification of Malaysian whole grain indigenous rice using chemometric analysis. Journal of Food Composition and Analysis, 148, 2108252.*

Nazran Harun. (2025, 24-25 September). *Satellite images classification using python's machine learning as a criteria for siting new nuclear facility.* [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Noor Fadzilah Yusof, Anis Najihah Amir Hamzah, Nor Fatihah Jaazis, Dainee Nor Fardzila Ahmad Tugi dan Mohd Izwan Abdul Adziz. (2025, 24-25 September). *Lead-210: Tiny Energy, Major Challenge Plumbum-210: Tenaga Kecil, Cabaran Besar.* [Pembentangan kertas kerja]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Noor Fadzilah Yusof, Nor Fatihah Jaazis, Anis Najihah Amir Hamzah, Dainee Nor Fardzila Ahmad Tugi dan Mohd Izwan Abdul Adziz. (2025, 24-25 September). *Radon gas monitoring in radiochemistry and environmental laboratory (Pemonitoran gas radon di makmal radiokimia dan alam sekitar).* [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Noor Farhana Husna A Aziz, Muhammad Qusyairy Serat, Mohd Shafi q Sazali, Ahmad Adib Afham Abdul Rahman. (2025, 24-25 September). *Enhancement of IOT-Based Temperature Monitoring System for HPGE detectors using thingsboard platform (Penambahbaikan sistem pemantauan suhu berasaskan IOT untuk detektor HPGE menggunakan platform thingsboard).* [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nooradilah Abdullah, Mohamad Noh Sawon, Mohd Zuhair Mohd Sanusi, Salahuddin Muhamad, Muhammad Izzat Muammar Ramli, Suhaini Sukaimi. (2025, 24-25 September). *Kesan teknik pengeringan terhadap kecekapan pengesanan sinaran gros alfa dan gros beta dalam sampel air.* [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nor Ishadi Ismail, Mohd Rizal Md Chulan, Shaiful Rizaide Mohd Yakin, Wan Muhammad Ikram Wan Ibrahim, Syuhada Ramli, Ruzalina Baharin. (2025, 24-25 September). *Keperluan kompetensi pengendali loji penyinaran MINTec-Sinagama untuk pematuhan operasi selamat.* [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nor Shahidah Mohd Nazer, Zulaikha Nabila Ahmad Pua'ad & Azlan Shah Nerwan Shah. (2025, 13-14 Ogos). *Fractal analysis of landslide morphology: Insights from laboratory simulations under controlled soil and hydrological conditions*. [Paper presentation]. International Conference Geoengineering 2025, Johor, Malaysia.

Noraishah Binti Othman and Mohamad Rabaie Bin Shari. (2025, 24-25 September). *The development of RT_NEMO System in instep*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Norhashidah Talip, Norafifah Ahmad Fabillah, Maznah Mahmud. (2025, 24-25 September). *Applications and operational principles of Atomic Force Microscopy (AFM)*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Norhaslina Jalaludin, Hanizan Zainon, Ahmad Bazlie Abdul Kadir, Siti Sara Deraman, Hasan Sham, Rozaimah Abd Rahim, Noor Fatin Shuhada Ab Hamid, Syafiqah Ariffin, Roslinda Abd Latif, Rozita Che Rosmi, Mohd Khalid Matori. (2025, 24-25 September). *Calibration of OSL Microstar Reader and Linearity Test OSL Dosimeter*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Norhaslina Jalaludin, Hanizan Zainon, Siti Sara Deraman, Ahmad Bazlie Abdul Kadir, Siti Sara Deraman, Hasan Sham, Rozaimah Abd Rahim, Noor Fatin Shuhada Ab Hamid, Syafiqah Ariffin, Roslinda Abd Latif, Rozita Che Rosmi, Mohd Khalid Matori & Mohd Rizal Abdullah. (2025, 24-25 September). *Kalibrasi pembaca OSL Microstar dan Ujian Kelinearan Dosimeter OSL*. [Pembentangan kertas kerja]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Norzita Yacob, Ainun Zuriyati Mohamed, Khairiah Hj. Badri. (2025, 24-25 September). *Improving starch biofilm performance with cellulose from sago pith waste (Metroxylon Sago Spp.)*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nur Allya Muhamad Rizal, Nazirul Amin Abdullah, Mohammad Malek Faizal Azizi, Nur Hazwani Khairuddin, Nurul Ellyiana Yusri, Muhammad Daniel Nurhakim Yusof, Muhammad Hadif Ridwan Yahaya, Nur Aliah Rosli, Nor'Aishah Hasan, Faiz Ahmad, Sobri Hussein, Asma Aris, Wan Dalila Wan Chik, Muhamad Adib Najmi Ja'far, Mohd Sharkawi Ahmad. (2025, 24-25 September). *Monitoring Bacterial Leaf Blight (BLB) disease and genomic characterization of Pantoea species in mutant rice under multi-locus trial of season 2 in Tanjung Karang, Selangor*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nur Diyana Osman, Ros Anita Ahmad Ramli dan Nurul 'Aisyah Syahira Mohd Azli. (2025, 24-25 September). *Tatacara penggunaan alat spektrometer NIR berdasarkan Prosedur Operasi Standard (SOP) bagi sampel makanan dan makanan haiwan*. [Pembentangan kertas kerja]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nur Diyana Osman, Ros Anita Ahmad Ramli dan Nurul 'Aisyah Syahira Mohd Azli. (2025, 24-25 September). *Tatacara penggunaan alat spektrometer NIR berdasarkan Prosedur Operasi Standard (SOP) bagi sampel makanan dan makanan haiwan*. [Pembentangan kertas kerja]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nur Hazwani Khairuddin , Muhammad Daniel Nurhakim Yusof, Muhammad Hadif Ridwan Yahaya, Nurul Ellyiana Yusri , Nur Allya Muhamad Rizal , Mohammad Malek Faizal Azizi , Faiz Ahmad , Sobri Hussein, Dzarifah Mohamed Zulperi. (2025, 22-23 September). *Characterization of pantoea species associated with Bacterial Leaf Blight (BLB) disease in Malaysian mutant rice lines during Multilocation Trial (MLT) phase using species-specific primer*. [Paper presentation]. The International Conference on Latest Molecular Technology in Agriculture (ICLMTA 2025). Bali, Indonesia.

Nur Hazwani Khairuddin, Mohammad Malek Faizal Azizi, Nurul Ellyiana Yusri, Nur Allya Muhamad Rizal, Faiz Ahmad, Mohd Sharkawi Ahmad, Muhammad Adib Najmi Ja'afar, Wan Dalila Wan Chik, Asma Aris, Sobri Hussein, Dzarifah Mohamed Zulperi. (2025, 24-25 September). *Preliminary assessment of a field-compatible colorimetric loop mediated isothermal amplification lamp (cLAMP) assay for early detection of Pantoea ananatis causing bacterial leaf blight disease in rice (Penilaian awal ujian penguatan isothermal pengulangan gelung berasaskan warna (cLAMP) yang mesra lapangan untuk pengesanan pantas Pantoea ananatis penyebab penyakit hawar daun bakteria pada padi)*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nur Siti Aisyah Zarimin, Saripah Bakar, Ahmad Nazrul Abd Wahid, Ahmad Zainuri Mohd Dzomir, Safwatul 'Athirah Mohd Azmi, Ros Anita Ahmad Ramli, Azania Shazlin Mohammad Razali, Mohd Hafiz Abd Nasir, Nur Diyana Osman and Nurul 'Aisyah Syahira Mohd Azli. (2025, 24-25 September). *Development an irradiation procedure for the wild cocoa pod borer (Conopomorpha Cramerella Snellen) for sterile insect technique application*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nurmaziah Mohammad Shafie, Dr Zainah Adam, Fazliana Mohd Saaya, Daryl Jesus Arapoc, Rosniza Razali, Abang Abdul Rahim Ossen, Lousiana Lulu Lukas, Siti Selina Abdul Hamid. (2025, 24-25 September). *Khidmat analisis farmaseutikal: Antiglycation assay (Khidmat Analisis Farmaseutikal: Ujian Antiglikasi)*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nurrul Assyikeen Md. Jaffary, Badrul Amin Azhad Baharin, Chriscius Anthonius, Mohd Tarmizi Ishak. (2025, September 24–25). *Effects of vacuum pressure on the measurement efficiency and resolution of mixed alpha-emitting radionuclide standards: comparison of hold and pump modes across detector shelves (Kesan tekanan vakum terhadap kecekapan dan resolusi pengukuran bagi radionuklid pemancar alfa campuran piawai: Perbandingan antara mod pegangan dan mod pengepaman merentasi rak pengesan)*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC), Selangor, Malaysia.

Nurul Aizam Idayu Mat Sani, Norzita Yacob. (2025, 24-25 September). *Perubahan sifat terma biojisim melalui analisis termogravimetri*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nurul Ashikin Rusdi, Mohd Taufik Dolah, Ahmad Bazlie Abdul Kadir, Rozaimah Abdul Rahim, Asmawi Adnan, Mohamad Safari Ahmad Ibrahim, Mohd Aiman Marhalim, Zulkifli Mohamed, Zulkefly Mohamad, Zelina Mat Zin, Umi Zurina Shuib, Noor Fatin Shuhada Ab Hamid, John Konsoh Sangau, Hasan Sham, Mohd Khalid Matori. (2025, 24-25 September). *Kawalan kualiti suhu, kelembapan dan tekanan di makmal kalibrasi SSDL sepanjang Tahun 2024*. [Pembentangan kertas kerja]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nurul Azurin Badruzaman, Hasan Sham, Zulkifli Johari, Nurul Fatihah Zamri, Rozaimah Abdul Rahim, Noor Fatin Shuhada Ab Hamid dan Ahmad Bazlie Abdul Kadir. (2025, 24-25 September). *Kemudahan Gamma Cell Ob-Servo Ignis-10 di makmal Standard Dosimetri Sekunder (SSDL) Agensi Nuklear Malaysia*. [Pembentangan kertas kerja]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nurul Ellyiana Yusri, Nur Allya Muhammad Rizal, Nur Aliah Rosli, Nazirul Amin Abdullah, Muhammad Daniel NurHakimYusof, Muhammad Hadif Ridwan Yahaya, Mohammad Malek Faizal Aziz, Nor'Aishah Hasan, Nur Hazwani Khairuddin, Faiz Ahmad, Wan Dalila Wan Chik, Asma Aris, Mohd Sharkawi Ahmad, Muhammad Adib Najmi Ja'afar, Sobri Hussein. (2025, 24-25 September). *Isolation and characterization of curvularia lunata causing brown leaf spot disease in mutant rice lines in peninsular Malaysia*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nurul Huda Mudri, Lim Heng Cheng, Parthiban Siwanayan. (2025, 29-30 April). *Preliminary study on palm oil-based polyurethane acrylate from dihydro stearic acid*. [Poster presentation]. Malaysia Polymer International Conference MPIC 2025, Selangor, Malaysia.

Nurul Wahida A.K., Rafizi S., Mohd Na'imullah A.R., Nariman M., Mohd Nizammuddin A.A., Mohd Zahiruddin J., & Mohd Azam Z. (2025, 24-25 September). *Managing the legacy of radioactive lightning arrestors with a Malaysian perspective on safe transition*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Nurul Wahida A.K., Rafizi S., Mohd Zahiruddin J., Nariman M., Mohd Nizammuddin A.A., Mohd Na'imullah A.R., Mohd Azam Z. & Mohd Faris I. (2025, 24-25 September). *Strategi pengurusan sisa radioaktif dan tindak balas terhadap insiden pencemaran sisa radioaktif di Kilang Logam Sekerap*. [Pembentangan kertas kerja]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Pauline Liew Woan Ying, Jong Bor Chyan, Muhammad Zaidi Zakaria. (2025, 24-25 September). *An analysis of laboratory disinfectants for surface sterilization (Analisa pembersihan permukaan oleh larutan pembasmi kuman makmal)*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Phua Choo Kwai Hoe, Everina Anak Nuri, Ahmad Zainuri Mohamad Dzomir, Mariani Deraman and Mohd. Hafiz Abd Nasir. (2025, 24-25 September). *Gamma irradiation of domestic waste digestate in the development of a sterile carrier-based biofertiliser*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Puteri Nuraliah Husna Mohd Tajuddin, Mohd Faiz Mohd Zin, Dr. Leo Kwee Wah, Rokiah Mohd Sabri, Abd Halim Baijan, Mohd Azhar Ahmad, Mohammad Karimi Manawir, Mohd Noor Shafeek Jaafar. (2025, 24-25 September). *Neutron dose distribution assessment at block 43T using phits for D-D neutron generator*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Raymond Yapp Tze Loong, Nabilah Ramli, Noor Farhana Husna A Aziz. (2025, 24-25 September). *Utilization of The Atomtex Backpack-Based Radiation Detector (BRD) for radiological monitoring in Malaysian Nuclear Agency*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Roshasnorlyza Hazan, Mimi Anisa Romli, Nur Hanisah Asri, Zakiah Zamri, Nur Aqilah Sapiee, Khaironie Mohamed Takip, Norhazirah Azhar, Wilfred Paulus, Jacqueline Kones. (2025, 1-2 Oktober). *Selective yttrium extraction from xenotime leachates: A D2EHPA-Based solvent extraction approach*. [Paper presentation]. Simposium Mineral (SIMPOMIN). Perak, Malaysia.

Roshasnorlyza Hazan, Mimi Anisa Romli, Zakiah Zamri, Nur Hanisah Asri, Khaironie Mohamed Takip, Nur Aqilah Sapiee, Norhazirah Azhar, Wilfred Paulus, & Jacqueline Kones. (2025). *Yttrium recovery: A selective leaching strategy from fused xenotime*. [Paper presentation]. Seminar Pemprosesan Mineral dan Pengekstrakan Nadir Bumi (SMPREE). Selangor, Malaysia.

Roshasnorlyza Hazan, Nurhusnina Akma Kamarudin, Nurhanisah Asri, Nur Aqilah Sapiee, Khaironie Mohamed Takip, Wilfred Paulus, Norhazirah Azhar, Jacqueline Kones. (2024, 14-16 October). Phosphate removal and yttrium recovery from xenotime mineral via alkaline fusion. International Nuclear Science Technology and Engineering Conference (iNuSTEC2024), *IOP Conf. Series: Materials Science and Engineering* 1326, 012006, <https://doi:10.1088/1757-899X/1326/1/012006>

Rosniza Razali, Louisiana Lulu, Daryl Jesus Arapoc, Zainah Adam, Fazliana Mohd Saaya, Abang Abdul Rahim Ossen, Nurmaziah Mohammad Shafie, Ainatul Najwa Mohd Zoolhilmie, Saidah Khairina Roslan. (2025, 24-25 September). *Purity analysis of chalcone derivative using Thin Layer Chromatography (TLC) (Analisis ketulenan terbitan kalkon menggunakan Kromatografi Lapis Nipis (TLC))*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Ruzalina Baharin, Hasan Sham, Sofian Ibrahim, Syuhada Ramli, Mohd Rizal Md Chulan, Siti Zulaiha Hairaldin, Shalina Sheik Muhamad, Harzawardi Hasim. (2025, 24-25 September). *Gap analysis on dosimetry system implementation for radiation processing facilities in Nuclear Malaysia*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Saaidi Bin Ismail, Khairiel Adyani Abd Ghani, Mohamad Safuan Sulaiman, Mohd Fauzi Haris, Mohd Hasnor Hasan, Raja Murzaferi Raja Moktar, Norzalina Nasirudin. (2025, 24-25 September). *Data CIA: Utilising GDC/PDSA infrastructure for a better future (Data Confidentiality / Integrity / Availability : Menggunakan infrastruktur Government Data Center / Pusat Data Sektor Awam untuk masa hadapan lebih baik)*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Saifullizan Mohamad, Wan Hamirul Bahrin Wan Kamal, Ng Yen, Anee Suryani Sued, Siti Aminah Muhamad, Siti Suhaila Md Izah, Manisah Saedon, Muhammad Ridzuan Rosdi, Kafa Zikril Hakim W Kadir. (2025, 24-25 September). *Differential Scanning Calorimetry (DSC): Vast function and application*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Saipo Bahari Abd Ratan, Mohd Fauzi Haris, Saaidi Ismail, Mohd Sabri Minhat, Mohd Khairulezwan Abdul Manan. (2025, 24-25 September). *Inclusive Safety in Nuclear Facilities: Exploring IoT-Based Systems through Disability-Inspired Simulations*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Seri Chempaka Mohd. Yusof, Mohd. Hafiz Abdul Nasir, Cosmos George, Ahsanulkhaliqin Abdul Wahab. (2025, 9-10 August). *Determination of microbiological quality and acceptance of irradiated meat products during storage*. [Paper presentation]. Proceeding: International Symposium On Social Sciences, Business, Education and Technology (Isbet 2025), Kelantan, Malaysia.

Shalina Sheik Muhamad, Mohd Azhar Ahmad, Muhd Izham Ahmad Mohd, Mohammad Karimi Manawir and Noor Shafeek Jaafar. (2025, 24-25 September). *Radiation safety assessment at ELV-4 electron accelerator facility*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Shamesh Raj Parthasarathy, Zulkifli Yusof. (2025, 24-25 September). *Mastering laser eye safety: decoding protection and selecting the correct eyewear for Occupational Safety and Health (OSH) environment*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Siti Aishah Ahmad Fuzi, Nurliana Roslan. (2025, 24-25 September). *UV-Vis spectroscopy facility in material technology group, Industrial Technology Division (BTI)*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Siti Aminah Omar, Ezwiza Sanuri, Nazaratul Ashifa Abdullah Salim, Zalina Laili, Mohd Khushairi Awang, Muhammad Khairus Sani Alias, Sharifah Nasyura Syed Asni, Hasmadayu Hashim, Muhamad Haffiz Mohamed Hanifa. (2025, 24-25 September). *Sampling procedure and sample preparation for elemental analysis of soil & tea leaves for environmental and food safety studies*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Siti Amira Adilah Kamarudin, Nor'Aishah Hasan, Faiz Ahmad, Ari Jamsari. (2025, 22-23 September). *Genome-wide comparative variant analysis of MR297 rice variety and its mutant line, ML-1 for Functional SNP/InDel identification*. [Paper presentation]. The International Conference on Latest Molecular Technology in Agriculture 2025 (ICLMTA 2025), Bali, Indonesia.

Siti Sara Deraman, Hanizan Zainon, Noorafiffy Arisa Mohd Makhtar, Siti Khadijah Abu Hadin, Ahmad Bazlie Abdul Kadir, Hasan Sham, Rozaimah Abd Rahim, Noor Fatin Shuhada Ab Hamid, Mohd Rizal Abdullah & Mohd Khalid Matori. (2025, 24-25 September). *Pengujian Kawalan Kualiti Mesin Pembaca TLD Model 4500 Sepanjang Tahun 2024*. [Pembentangan kertas kerja]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Siti Suhaila Md Izah, Wan Hamirul Bahrin Wan Kamal, Ng Yen, Anee Suryani Sued, Saifullizan Mohamad, Siti Aminah Muhamad, Manisah Saedon, Muhammad Ridzuan Rosdi and Kafa Zikril Hakim W. Kadir. (2025, 24-25 September). *Comparative review of ITLC and UHPLC for radiochemical purity assessment in radiopharmaceuticals*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Siti Zulaiha Hairaldin, Shahrina Akma Mansur, Mohd Suhaimi Jusoh@Yusoff, Shalina Sheik Muhamad, Noor Hasni M. Ali. (2025, 24-25 September). *Calibration of CTA Dosimeter for product quality assurance in EPS 300*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Siti Zulaiha Hairaldin, Shahrina Akma Mansur, Mohd Suhaimi Jusoh@Yusoff, Shalina Sheik Muhamad, Noor Hasni M. Ali, Harzawadi Hasim, Azmi Ali, Mohamad Zulhilmee Mohd Zainal, Mohamad Hakiman Mohamad Yusoff, Norfarah Saleh, Muhammad Syukri Azhar. (2025, 24-25 September). *Safety and security practice in Electron Beam Facility (Alurtron)*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Sofian Ibrahim, Chai Chee Keong, Mohd Noorwadi Mat Lazim, Noor Mohd Rizwan Brahim, Khairul Hisyam Mohamed Yusop, Hafizuddin Maseri & Noor Hasni M Ali. (2025, 24-25 September). *Physical properties of prevulcanized natural rubber latex prepared via hybrid ultraviolet A and peroxidation vulcanizations*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Sofian Ibrahim, Chai Chee Keong, Muhammad Hannan Bahrin, Hasan Sham, Mohd Noorwadi Mat Lazim, Anwar Abdul Rahman, Ahmad Bazlie Abdul Kadir, Noor Mohd Rizwan Brahim, Khairul Hisyam Mohamed Yusop, Hafizuddin Maseri, Siti Hajar Said, Wan Ismail Wan Yusof, Muhamad Nor Atan & Noor Hasni M Ali. (2025, 24-25 September). *Study on degradation of hybrid ultraviolet-peroxide prevulcanized natural rubber latex film in the soil*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Susan Maria Sipaun, Zalina Laili and Hearie Hassan. (2025, 25-26 Ogos). *Addressing limitations of low-resolution gamma ray CT for non-invasive inspection of industrial materials*. [Paper presentation]. International Nuclear Science, Technology and Engineering Conference (INuSTEC2025), Johor Bahru, Malaysia.

Syuhada Ramli, Ruzalina Baharin, Mohd Rizal Md Chulan, Nor Ishadi Ismail, Shaiful Rizaide Mohd Yakin, Wan Muhammad Ikram Wan Ibrahim, Cosmos George George, Zarina Mohd Nor. (2025, 24-25 September). *Menilai pelaksanaan pengurusan risiko dalam sistem pengurusan kualiti sinagama*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Umi Zulaikha Mohd Azmi, Muhammad Haziq Sayuti, Muhammad Qusyairy Serat, Norizam Saad, Khair'iah Yazid, Khairol Nizam Mohamed, Mohamad Azman Che Mat Isa, Julia Abdul Karim, Ishak Mansor. (2025, 24-25 September). *Split tube furnace modification for better heat distribution and external protection (Pengubahsuaian relau tiub belah untuk pengagihan haba dan perlindungan luaran yang lebih baik)*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Yii Mei-Wo, Dainee Nor Fardzila Ahmad Tugi, Nor Aza Hassan, Mohd Asri Ramli. (2025, 24-25 September). *Radiological risks of nuggets consumption in Malaysia (Risiko radiologi dari pengambilan nuget di Malaysia)*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Yii Mei-Wo, Rahman Yaccup. (2025, 24-25 September). *Unsur Nadir Bumi – Asal usul, pengekstrakan dan aplikasi (Rare earth element – Origin, extraction and application)*. [Pembentangan kertas kerja]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Yii Mei-Wo, Salahuddin Muhamad. (2025, 24-25 September). *Secular equilibrium of Ra-226 / Rn-222 in water: Is reality or theory? (Keseimbangan sekular Ra-226 / Rn-222 dalam air: Adakah realiti atau teori)*. [Paper presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Zalina Laili, Suzilawati Muhd Sarowi, Nadira Kamarudin, Susan Maria Sipaun, Nazran Harun, Hishamudin Husin Muhamad, Azfar Azman and Muhamad Rawi Zain. (2024, 14-16 October). Characterizing radioactive source casings for nuclear forensics using a multi-technique laboratory approach. International Nuclear Science Technology and Engineering Conference (iNuSTEC2024), *IOP Conf. Series: Materials Science and Engineering* 1326, 012010. <https://doi:10.1088/1757-899X/1326/1/012010>

Zarina Mohd Nor, Syuhada Ramli, Ruzalina Baharin, Mohd Rizal Md Chulan, Cosmos George. (2025, 24-25 September). *Kajian penggunaan research loop untuk menyokong kerja penyelidikan dan pembangunan di Malaysia*. [Poster presentation]. Konvensyen Teknikal Nuklear Malaysia (NTC) 2025, Selangor, Malaysia.

Zulaikha Nabila Ahmad Pua'ad, Nor Shahidah Mohd Nazer, Azlan Shah Nerwan Shah, Mohd Hariri Ariffin, Mohd Rozi Umor & Norsyafina Roslan. (2025, 13-14 Ogos). *Influence of hydraulic parameters on soil detachment in dispersive landslide under controlled rainfall intensity*. [Paper presentation]. International Conference Geoengineering 2025, Johor, Malaysia.

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