Associate Professor Dr. Azizan Ahmad is fellow of Polymer Research Center (PORCE) and Fuel Cell Institute at The National University of Malaysia (UKM). He graduated from UKM with First Class Hons. BSc in Chemistry in 1996. He obtained his MSc (Environmental Science) from Universiti Putra Malaysia in 1999 and PhD (Chemistry) from UKM in 2004. He was promoted to Associate Professor in 2011. His research interest covers synthesis of new polymer, modification of biopolymer, polymer nanocomposite and solid polymer electrolyte for energy storage application. He developed Polymer-Ionic Research Group at UKM since 2006.

Associate Prof. Dr. Azizan is the principal supervisors of more than 20 MSc and 15 PhD students. He had published more than 70 papers in international refereed journal. He was appointed as reviewer for more than 10 international refereed journals. He had been awarded among the best researcher and lecturer from The National University of Malaysia in year 2012.

He built international research networking and collaboration with University of Trento, Italy, Politecnico di Torino & Italian Institute of Technology, Italy, Graduate School of Engineering, Osaka University, Japan, Japan Advanced Institute of Science and Technology (JAIST), Kanazawa, Japan, Sustainable Energy Technologies, King Saud University, Saudi Arabia, Department of Chemistry, University Mohammad Premier, University Mohammad V and Caddi Ayyad University in Morocco.

The list of recent publications;

1. Su'ait, M.S., Ahmad, A., Badri, K.H., Mohamed, N.S., Rahman, M.Y.A., Ricardo, C.L.A., Scardi, P. The potential of polyurethane bio-based solid polymer electrolyte for photoelectrochemical cell application. (2014) **International Journal of Hydrogen Energy**,39, 3005-3017.

2. Imperiyka, M., Ahmad, A., Hanifah, S.A., Mohamed, N.S., Rahman, M.Y.A. Investigation of plasticized UV-curable glycidyl methacrylate based solid polymer electrolyte for photoelectrochemical cell (PEC) application. (2014) **International Journal of Hydrogen Energy**, 39, 3018-3024.
3. Mie, R., Samsudin, M.W., Din, L.B., Ahmad, A., Ibrahim, N., Adnan, S.N.A. Synthesis of silver nanoparticles with antibacterial activity using the lichen Parmotrema praesorediosum. (2013) **International Journal of Nanomedicine**, 9 (1), pp. 121-127.
4. Jafirin, S., Ahmad, I., Ahmad, A. Potential use of cellulose from kenaf in polymer electrolytes based on MG49 rubber composites. (2013) **BioResources**, 8 (4), pp. 5947-5964.
5. Mobarak, N.N., Ahmad, A., Abdullah, M.P., Ramli, N., Rahman, M.Y.A. Conductivity enhancement via chemical modification of chitosan based green polymer electrolyte. (2013) **Electrochimica Acta**, 92, pp. 161-167
6. Mobarak, N.N., Ramli, N., Ahmad, A., Abdullah, M.P. Development of carboxymethyl chitosan based green polymer electrolyte. (2013) **Journal of Biobased Materials and Bioenergy**, 7 (2), pp. 267-268.
7. Mobarak, N.N., Ramli, N., Ahmad, A., Rahman, M.Y.A. Chemical interaction and conductivity of carboxymethyl κ-carrageenan based green polymer electrolyte. (2012) **Solid State Ionics**, 224, pp. 51-57.
8. Fahmi, E.M., Ahmad, A., Rahman, M.Y.A., Hamzah, H. Effect of NiO nanofiller concentration on the properties of PEO-NiO-LiClO 4 composite polymer electrolyte. (2012) **Journal of Solid State Electrochemistry**, 16 (7), pp. 2487-2491.

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