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Emeka Emmanuel Oguzie is a Reader in the Department of Chemistry, Federal University of Technology Owerri and Head of the Electrochemistry and Materials Science Research Unit (EMRU). He holds a B.Sc. (Hons) degree in Pure Chemistry from the University of Nigeria Nsukka (1995), M.Sc. in Analytical Chemistry from the Federal University of Technology Owerri (1998) and a Ph.D. in Physical Chemistry from the University of Calabar (2006). He was a visiting (CAS-TWAS) postdoctoral research fellow (2006-2007) and TWAS-UNESCO Associate (2008-2011) at the State Key Laboratory for Corrosion and Protection, Institute of Metal Research, Chinese Academy of Sciences, Shenyang China. He has made outstanding contributions to expounding adsorption and corrosion inhibition mechanisms of organic molecules as well as application of natural products for materials protection and has over 70 publications in international journals, with several presentations at national and international conferences. Dr. Oguzie belongs to various professional associations and was a pioneer TWAS Young Affiliate (2007 - 2012). His name is cited in Marquis Who is Who in Science and Engineering, 19th Edition (2006-2007) and in the Top 100 Scientists 2007 by International Biographical Centre, Cambridge, England.



RECENT PUBLICATIONS

1. **E. E. Oguzie**, C.B. Adindu, C.E. Ogukwwe, M.A. Chidiebere, C.K. Enenebeaku, K.L. Oguzie, Natural Products for Materials Protection: Mechanism of Corrosion Inhibition of mild steel by acid extracts of *Piper guineense*, *Journal of Physical Chemistry C*, 116 (2012) 13603-13615.
2. **E.E. Oguzie**, C.E. Ogukwe, J.N. Ogbulie, F.C. Nwanebu, C.B. Adindu, I.O. Udeze, K.L. Oguzie, F.C. Eze, (2012) Broad spectrum corrosion inhibition: Corrosion and microbial (SRB) growth inhibiting effects of *Piper guineense* extract, *Journal of Materials Science*, 47 (2012) 3592-3601.
3. **E.E. Oguzie**, Y. Li, S.G. Wang, F.H. Wang, Understanding corrosion inhibition mechanisms - Experimental and theoretical approach, *RSC Advances*, (2011) 866 - 873.