Mr. Oswald Ashirifi Nunoo

Faculty of Physical and Computational Sciences
Kwame Nkrumah University of Science and Technology

Google Scholar scholar.google.com/citations?user=eKkUJrYAAAAJ&hl=en · Profile knust.peerford.com/staff/cd017823-69a4-49c4-bf2d-7f195efa269e

RESEARCH

Interests	CONDUCTING POLYMERS (POLYANILINE) · RECRYSTALLIZATION AND PRECIPITATION STRENGTHENING OF ALUMINIUM ALLOYS
Areas	Materials Chemistry · Electrical and Electronic Engineering · Polymers and Plastics · Aerospace Engineering · Mechanical Engineering

RESEARCH SUMMARY

7	11	2	0	0.14	0%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 7 publications listed below, 1998–2023. Field-weighted impact is the mean over the 5 works scored for it; 1.00 is the world average for works of the same field, type and year. 0 of the 5 papers scored for it are among the world's most cited tenth for their field, type and year.

PUBLICATIONS

Journal articles 7

1. Dennis Boakye, Henry Martin, Linus K. Labik, Akyana Britwum, **Oswald Ashirifi Nunoo**, Van W. Elloh, Bright Kwakye-Awuah, Abu Yaya, Eric K. K. Abavare (2023). Electronic and Magnetic Properties of Transition Metal-Doped MoS2 Monolayer: First-Principles Calculations. *physica status solidi (b)*. https://doi.org/10.1002/pssb.202200337
2. **KS O.A. Nunoo** (2022). Synthesis and Study of Electrical Behavior of Polyaniline-Silver Nanocomposites Prepared by Chemical Oxidative Method. *Journal of Emerging Technologies and Innovative Research (JETIR)*.
3. Eric K.K. Abavare, Bright Kwakye-Awuah, **Oswald A. Nunoo**, Peter Amoako-Yirenkyire, G. Gebreyesus, Abu Yaya, Keshaw Singh (2021). The stability of 3C-SiC(1 1 1) on Si(1 1 1) thin films: First-principles calculation. *Chemical Physics Letters*. https://doi.org/10.1016/j.cplett.2021.138318
4. **OA Nunoo**, EK Abavare (2020). Study of FTIR Spectra and Effect of Transitions on Conductivity of Polyaniline Synthesized Using Different Dopants by Chemical Oxidation. *The International Journal of Science & Technoledge*. https://scholar.google.com/scholar?cluster=15808908016031765966&hl=en&oi=scholarr
5. **O.A. NUNOO**, JOSEPH ASARE AWUAH, ERIC K. K. ABAVARE, K. SINGH (2019). EFFECT OF PRIMARY DOPANTS ON THE CONDUCTIVITY OF POLYANILINE SYNTHESIZED BY ELECTROCHEMICAL POLYMERIZATION. *INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING & TECHNOLOGY*. https://doi.org/10.34218/ijaret.10.6.2019.019
6. **O.A. NUNOO**, E.K.K. ABAVARE, R.K. NKUM, K. SINGH (2019). SYNTHESIS AND STUDY OF ATR SPECTRA OF POLYANILINE/GRA NANOCOMPOSITES. *INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING & TECHNOLOGY*. https://doi.org/10.34218/ijaret.10.4.2019.005
7. A. B. C. Dadson, **O. A. Nunoo** (1998). Recrystallization kinetics and grain growth studies in twin-roll cast strips of commercial purity aluminium (1050) and aluminium-magnesium alloy (5005). *International Journal of Cast Metals Research*. https://doi.org/10.1080/13640461.1998.11819249