John P. K Adotey

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RESEARCH

Interests	Natural product Chemistry
Areas	Organic Chemistry · Plant Science · Biochemistry · Electrical and Electronic Engineering · Materials Chemistry · Nutrition and Dietetics

RESEARCH SUMMARY

9	144	5	4	1.56	25%
Publications	Citations	h-index	i10-index	Field-weighted impact	World top 10%

Counted from the 9 publications listed below, 2010–2026. Field-weighted impact is the mean over the 4 works scored for it; 1.00 is the world average for works of the same field, type and year. 1 of the 4 papers scored for it are among the world's most cited tenth for their field, type and year.

POSITIONS

Senior Lecturer 2012–present
Department of Chemistry, University of Cape Coast, Cape Coast, Ghana

PUBLICATIONS

Journal articles 9

1. **John Kwaku Prosper Adotey**, Caleb Mawuli Agbale, Samuel Tetteh, Christiana Odumah Hood, Samuel Acheampomg, Carlos Kwesi Tettey, Rosemond Godbless Dadzie, Emmanuel Ogyiri Adu, Francis Nkrumah, Mandela Toku, Agnes Tutuwaa, Aaron Tettey Asare (2026). Characterization of Starch From Four Cassava Varieties Using Fourier Transform Infrared Spectroscopy, Powder x-ray Diffraction, and Scanning Electron Microscopy. *Starch - Stärke*. https://doi.org/10.1002/star.70185
2. Samuel Tetteh, Ruphino Zugle, Albert Ofori, **John Prosper Kwaku Adotey** (2019). Kinetics and Equilibrium Thermodynamic Studies of the Adsorption of Phenolphthalein and Methyl Orange onto Muscovite Clay. https://doi.org/10.22034/fcr.2020.122175.1017
3. Samuel Tetteh, Ruphino Zugle, **John Prosper Kwaku Adotey**, Andrews Quashie (2018). Electronic Spectra of ortho-Substituted Phenols: An Experimental and DFT Study. *Journal of Spectroscopy*. https://doi.org/10.1155/2018/4193657
4. John Bentum, EJ Koranteng-Addo, **JP Adotey** (2017). Assessment Of Ecological And Human Health Risks Of Cu, Zn And Pb Accumulation In Agricultural Soils And Okra. *Researchjournali's Journal of Ecology*. https://ir.ucc.edu.gh/items/e7fc0658-b739-4314-864e-0ca2e64f54ac
5. **J Adotey**, FA Armah (2013). Isolation, identificatión and biological activity of 1-hexacosanol from the leaves of Launaea taraxacifolia (Willd) Jeffery, Asteraceae. *Journal of Basic & Applied Sciences*. https://www.researchgate.net/profile/John-Adotey/publication/340967740_Isolation_Identification_and_Biological_activity_of_1-_Hexacosanal_from_the_leaves_of_Launea_taraxacifolia_Willd_Jeffery_Asteraceae/links/5ea81231299bf1dcb09eb8b4/Isolation-Identification-and-Biological-activity-of-1-Hexacosanal-from-the-leaves-of-Launea-taraxacifolia-Willd-Jeffery-Asteraceae.pdf

6. **John Prosper Kwaku Adotey**, Genevieve Etornam Adukpo, Yaw Opoku Boahen, Frederick Ato Armah (2012). A Review of the Ethnobotany and Pharmacological Importance ofAlstonia booneiDe Wild (Apocynaceae). *ISRN Pharmacology*. https://doi.org/10.5402/2012/587160

7. **John Prosper Kwaku Adotey** (2012). A review of the ethnobotany and pharmacological importance of. *Alstonia boonei*. https://scholar.google.com/scholar?cluster=10093466474339616561&hl=en&oi=scholarr

8. **JPK Adotey**, JK Bentum, EJ Koranteng-Addo (2011). Comparative studies of some heavy metals in the urine of people engaged in mining and non-miners. *Journal of Chemical and Pharmaceutical Research*. https://www.researchgate.net/profile/Epton-Koranteng-Addo/publication/330222799_Comparative_studies_of_some_heavy_metals_in_the_urine_of_people_engaged_in_mining_and_non_miners/links/5c34cb6292851c22a364b258/Comparative-studies-of-some-heavy-metals-in-the-urine-of-people-engaged-in-mining-and-non-miners.pdf

9. GE Adukpo, NTK Dayie, **JPK Adotey**, DS Agyirifo (2010). Anti-Typhoid Properties of Phyllanthus amarus Extracts. *Journal of the Ghana Science Association*. https://www.academia.edu/download/89095547/2d6b4879c80d2c4dcec10989feb85e1ec0fc.pdf