

Noah K Asare-Donkor

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3134127/publications.pdf>

Version: 2024-02-01

18
papers

207
citations

1307594

7
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

176
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Evaluation of groundwater and surface water quality and human risk assessment for trace metals in human settlements around the Bosomtwe Crater Lake in Ghana. SpringerPlus, 2016, 5, 1812. | 1.2 | 47 |
| 2 | Hydrochemical characteristics of surface water and ecological risk assessment of sediments from settlements within the Birim River basin in Ghana. Environmental Systems Research, 2018, 7, . | 3.7 | 33 |
| 3 | Concentrations, hydrochemistry and risk evaluation of selected heavy metals along the Jimi River and its tributaries at Obuasi a mining enclave in Ghana. Environmental Systems Research, 2015, 4, . | 3.7 | 20 |
| 4 | Influence of mining related activities on levels of mercury in water, sediment and fish from the Ankobra and Tano River basins in South Western Ghana. Environmental Systems Research, 2016, 5, . | 3.7 | 19 |
| 5 | Enhancing the photocatalytic hydrogen generation performance and strain regulation of the vertical $\text{Ge}_2/\text{C}_2/\text{N}$ van der Waals heterostructure: insights from first-principles study. Energy Advances, 2022, 1, 146-158. | 3.3 | 15 |
| 6 | Formaldehyde Exposure and Its Potential Health Risk in Some Beauty Salons in Kumasi Metropolis. Journal of Toxicology, 2020, 2020, 1-10. | 3.0 | 10 |
| 7 | Veterinary Drug Residues in Beef, Chicken, and Egg from Ghana. Chemistry Africa, 2021, 4, 339. | 2.4 | 10 |
| 8 | Effect of van der Waals stacking in CdS monolayer on enhancing the hydrogen production efficiency of SiH monolayer. Materials Advances, 2022, 3, 4629-4640. | 5.4 | 8 |
| 9 | Theoretical study of the gas-phase decomposition of $\text{Pb}[(\text{C}_6\text{H}_5)_5\text{PSSe}]_2$ single-source precursor for the chemical vapour deposition of binary and ternary lead chalcogenides. Canadian Journal of Chemistry, 2015, 93, 317-325. | 1.1 | 7 |
| 10 | Theoretical studies of the decomposition of $\text{Zn}[(\text{iPr})_2\text{PSSe}]_2$ single-source precursor in the gas phase for the chemical vapor deposition of binary and ternary zinc chalcogenides. Computational and Theoretical Chemistry, 2015, 1058, 1-11. | 2.5 | 7 |
| 11 | Measurement of radon concentration in groundwater in the Ashanti region of Ghana. Journal of Radioanalytical and Nuclear Chemistry, 2018, 317, 675-683. | 1.5 | 7 |
| 12 | Thermal decomposition of $\text{Zn}[(\text{C}_6\text{H}_5)_2\text{PSSe}]_2$ single-source precursor for the chemical vapour deposition of binary and ternary zinc chalcogenides: a theoretical study. SpringerPlus, 2015, 4, 266. | 1.2 | 6 |
| 13 | Density functional theory (DFT) study of the gas-phase decomposition of the $\text{Cd}[(\text{iPr})_2\text{PSSe}]_2$ single-source precursor for the CVD of binary and ternary cadmium chalcogenides. Journal of Molecular Modeling, 2014, 20, 2484. | 1.8 | 5 |
| 14 | Risk Assessment of Kumasi Metropolis Population in Ghana through Consumption of Fish Contaminated with Formaldehyde. Journal of Toxicology, 2018, 2018, 1-7. | 3.0 | 4 |
| 15 | Groundwater quality assessment in the Northern and Upper East Regions of Ghana. Environmental Earth Sciences, 2020, 79, 1. | 2.7 | 4 |
| 16 | Quantum mechanical study of the kinetics, mechanisms and thermodynamics of the gas-phase decomposition of $\text{Pb}[(\text{iPr})_2\text{PSSe}]_2$ single-source precursor. Journal of Organometallic Chemistry, 2015, 787, 33-43. | 1.8 | 3 |
| 17 | A comprehensive understanding of the chemical vapour deposition of cadmium chalcogenides using $\text{Cd}[(\text{C}_6\text{H}_5)_2\text{PSSe}]_2$ single-source precursor: a density functional theory approach. Chemistry Central Journal, 2016, 10, 4. | 2.6 | 2 |
| 18 | Theoretical studies of gas-phase decomposition of single-source precursors. , 2022, , 123-161. | | 0 |