

Noah K Asare-Donkor

List of Publications by Year in descending order

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18
papers

207
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1307594

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docs citations

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#	ARTICLE	IF	CITATIONS
1	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. <i>Energy Advances</i> , 2022, 1, 146-158.	3.3	15
2	Theoretical studies of gas-phase decomposition of single-source precursors. , 2022, , 123-161.		0
3	Effect of van der Waals stacking in CdS monolayer on enhancing the hydrogen production efficiency of SiH monolayer. <i>Materials Advances</i> , 2022, 3, 4629-4640.	5.4	8
4	Veterinary Drug Residues in Beef, Chicken, and Egg from Ghana. <i>Chemistry Africa</i> , 2021, 4, 339.	2.4	10
5	Formaldehyde Exposure and Its Potential Health Risk in Some Beauty Salons in Kumasi Metropolis. <i>Journal of Toxicology</i> , 2020, 2020, 1-10.	3.0	10
6	Groundwater quality assessment in the Northern and Upper East Regions of Ghana. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	2.7	4
7	Risk Assessment of Kumasi Metropolis Population in Ghana through Consumption of Fish Contaminated with Formaldehyde. <i>Journal of Toxicology</i> , 2018, 2018, 1-7.	3.0	4
8	Measurement of radon concentration in groundwater in the Ashanti region of Ghana. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 675-683.	1.5	7
9	Hydrochemical characteristics of surface water and ecological risk assessment of sediments from settlements within the Birim River basin in Ghana. <i>Environmental Systems Research</i> , 2018, 7, .	3.7	33
10	Evaluation of groundwater and surface water quality and human risk assessment for trace metals in human settlements around the Bosomtwe Crater Lake in Ghana. <i>SpringerPlus</i> , 2016, 5, 1812.	1.2	47
11	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. <i>Chemistry Central Journal</i> , 2016, 10, 4.	2.6	2
12	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. <i>Environmental Systems Research</i> , 2016, 5, .	3.7	19
13	Concentrations, hydrochemistry and risk evaluation of selected heavy metals along the Jimi River and its tributaries at Obuasi a mining enclave in Ghana. <i>Environmental Systems Research</i> , 2015, 4, .	3.7	20
14	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. <i>SpringerPlus</i> , 2015, 4, 266.	1.2	6
15	Theoretical study of the gas-phase decomposition of $\text{Pb}[(\text{C}_6\text{H}_5)_2\text{PSSe}]_2$ single-source precursor for the chemical vapour deposition of binary and ternary lead chalcogenides. <i>Canadian Journal of Chemistry</i> , 2015, 93, 317-325.	1.1	7
16	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. <i>Computational and Theoretical Chemistry</i> , 2015, 1058, 1-11.	2.5	7
17	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. <i>Journal of Organometallic Chemistry</i> , 2015, 787, 33-43.	1.8	3
18	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. <i>Journal of Molecular Modeling</i> , 2014, 20, 2484.	1.8	5