

# Richard Arthur

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2648873/publications.pdf>

Version: 2024-02-01

12  
papers

265  
citations

1478505

6  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogas as a potential renewable energy source: A Ghanaian case study. <i>Renewable Energy</i> , 2011, 36, 1510-1516.	8.9	167
2	Harnessing methane generated from livestock manure in Ghana, Nigeria, Mali and Burkina Faso. <i>Biomass and Bioenergy</i> , 2011, 35, 4648-4656.	5.7	21
3	Biogas generation from sewage in four public universities in Ghana: A solution to potential health risk. <i>Biomass and Bioenergy</i> , 2011, 35, 3086-3093.	5.7	15
4	Potential feedstocks for bioethanol production as a substitute for gasoline in Ghana. <i>Renewable Energy</i> , 2013, 55, 12-17.	8.9	15
5	Evaluation of potential feedstocks for sustainable biogas production in Ghana: Quantification, energy generation, and CO <sub>2</sub> abatement. <i>Cogent Environmental Science</i> , 2020, 6, .	1.6	14
6	Mesophilic and Thermophilic Anaerobic Digestion of Wheat Straw in a CSTR System with $\alpha$ -Synthetic Manure <sup>TM</sup> : Impact of Nickel and Tungsten on Methane Yields, Cell Count, and Microbiome. <i>Bioengineering</i> , 2022, 9, 13.	3.5	8
7	Evaluating the spatial and temporal variations of aquatic weeds (Biomass) on Lower Volta River using multi-sensor Landsat Images and machine learning. <i>Heliyon</i> , 2021, 7, e07080.	3.2	7
8	Biomethane potential of the POME generated in the palm oil industry in Ghana from 2002 to 2009. <i>Bioresource Technology</i> , 2012, 111, 155-160.	9.6	6
9	Monitoring dissolved active trace elements in biogas plants using total reflection X-ray fluorescence spectrometry. <i>X-Ray Spectrometry</i> , 2020, 49, 560-571.	1.4	5
10	Application of total reflection X-Ray fluorescence spectrometry to quantify cobalt concentration in the presence of high iron concentration in biogas plants. <i>Spectroscopy Letters</i> , 2020, 53, 100-113.	1.0	3
11	Accelerated Biomethane Potential assay for straw with artificially flocculated sludge and defined $\alpha$ -synthetic manure <sup>TM</sup> . <i>Bioresource Technology Reports</i> , 2021, 15, 100787.	2.7	3
12	Water quantity auditing of a Ghanaian beverage plant. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2013, 3, 35-41.	1.8	1