

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 | Mesophilic and Thermophilic Anaerobic Digestion of Wheat Straw in a CSTR System with H_2 Synthetic Manure TM ; Impact of Nickel and Tungsten on Methane Yields, Cell Count, and Microbiome. <i>Bioengineering</i> , 2022, 9, 13. | 3.5 | 8 |
| 2 | 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 |
| 3 | Accelerated Biomethane Potential assay for straw with artificially flocculated sludge and defined H_2 synthetic manure TM . <i>Bioresource Technology Reports</i> , 2021, 15, 100787. | 2.7 | 3 |
| 4 | 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 |
| 5 | 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 |
| 6 | Evaluation of potential feedstocks for sustainable biogas production in Ghana: Quantification, energy generation, and CO ₂ abatement. <i>Cogent Environmental Science</i> , 2020, 6, . | 1.6 | 14 |
| 7 | Potential feedstocks for bioethanol production as a substitute for gasoline in Ghana. <i>Renewable Energy</i> , 2013, 55, 12-17. | 8.9 | 15 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Biogas as a potential renewable energy source: A Ghanaian case study. <i>Renewable Energy</i> , 2011, 36, 1510-1516. | 8.9 | 167 |