CURRICULUM VITAE

Full name (surname first in capital letters):	**DAHUNSI,** Olatunde Samuel
Place and date of birth:	Sagamu, 11th September
Nationality:	Nigerian
State of origin and LGA:	Osun, Ife-East
Present postal address:	PMB 1001, Omu-Aran, Nigeria
Phone number:	+2347032511675
Email Address:	dahunsi.olatunde@lmu.edu.ng;

Educational Institutions Attended with Dates:-

- Covenant University, Ota, Ogun State, Nigeria
- Covenant University, Ota, Ogun State, Nigeria
- University of Maiduguri, Maiduguri, Borno State, Nigeria
- Ladoke Akintola University of Technology Ogbomosho, Oyo State, Nigeria
- Owode Secondary School, Owode Yewa, Ogun State, Nigeria
- Methodist High School, Arigbajo, Ifo, Ogun State, Nigeria
- Local Government Primary School, Abekoko, Ifo, Ogun State, Nigeria

Academic Qualifications Obtained with Dates:-

- Ph.D. Environmental Microbiology/Biotechnology
- M.Sc., Environmental Microbiology and Biotechnology
- Post-Graduate Diploma in Education [PGDE]
- Bachelor of Technology, Environmental Biology (2nd Class Upper, Honors)
- Senior Secondary Certificate of Examination [WAEC & GCE]
- First Primary School Leaving Certificate 1991

Professional Qualifications Obtained with Dates:-

- Certificate in Leadership Development (Covenant University)
- Proficiency Certificate in Management [Chattered]

Publishing Qualifications/Certificates Obtained with Dates:-

- How do Reviewers become editors? **(Elsevier Researcher Academy)**
- Why get involved in Peer review? **(Elsevier Researcher Academy)**
- How do Editors look at your paper? **(Elsevier Researcher Academy)**
- How to respond to reviewers comments **(Elsevier Researcher Academy)**

Working Experience(s):-

- Group of Microbiology of Anaerobic Systems, Department of Environmental Microbiology, Helmholtz Centre for Environmental Research – UFZ
  Permoserstraße 15 | 04318 Leipzig, Germany March-June 2019
  Position; Guest Scientist/Postdoctoral Fellow
- Biogas Group, German Biomass Research Centre – DBFZ
  Permoserstraße 15 | 04318 Leipzig, Germany March-June 2019
  Position; Guest Scientist/Postdoctoral Fellow
- Landmark University, Omu-Aran, Kwara State, Nigeria 2018-Date
  Position; Senior Lecturer (Microbiology & Biotechnology)
- Landmark University, Omu-Aran, Kwara State, Nigeria 2014-2017
  Position; Lecturer I (Microbiology & Biotechnology)
- Landmark University, Omu-Aran, Kwara State, Nigeria 2013-2014
  Position; Lecturer II (Microbiology & Biotechnology)
- Ogun State College of Health Technology, Ilese-Ijebu,(Ifo Campus), Nigeria 2010-2013
  Position; Lecturer II; *Acting Head, Environmental Health Department*
- Rochas Foundation College, Kano, Kano State 2009-2010
  Position; Science Instructor
- Farmex Meyer Limited, Sango Ota, Ogun State 2007
  Position; Quality Assurance Personnel

Courses Taught at Landmark University:-

i. Postgraduate

- Advanced Environmental Microbiology (3 Units)
- Advanced Soil Microbiology (3 Units)
- Advanced Microbial Ecology (3 Units)

ii. Graduate

- Industrial Microbiology (3 Units)
- Soil Microbiology (3 Units)
- Food Microbiology (3 Units)
- Environmental Microbiology (3 Units)

- Epidemiology and Public Health Microbiology (3 Units)
- Biodeterioration (2 Units)
- Animal Diversity, Forms and Function (3 Units)
- Plant Diversity, Forms and Function (3 Units)
- Introductory Ecology (3 Units)
- Introductory Genetics and Evolution (2 Units)
- Laboratory Practice in Microbiology (3 Units)
- Microbial Physiology (3 Units)
- Basic Biological Techniques (2 Units)
- Phycology (2 Units)
- Cell Biology (2 Units)

Courses Taught in the Monotechnic:-

- Introduction to Environmental Health (2 Units)
- Environmental Health Practice (3 Units)
- Entomology (2 Units)
- Introduction to Environmental Pollution (3 Units)
- Pollution Control (3 Units)
- Principles of Pest Management (3 Units)
- Vectors of Medical Importance (3 Units)
- Elementary Parasitology (3 Units)

Full Details of Teaching and Research Experience:-

I hold a Ph.D. in Environmental Microbiology and Biotechnology from Covenant University, Ota, Nigeria. I have successfully distinguished myself as one of the few young Nigerian researchers who have excelled in the core area of Renewable and Sustainable energy generation. My broad research focus is in the areas of Waste Management, Renewable Energy generation and Sustainable Agriculture. I have a special bias for Biogas generation from different biomass and wastes as well as Biofertilizer production and utilization for Agricultural Sustainability in Sub-Saharan Africa. I have over the last eight years built strong working collaborations with research groups in some Universities including the All Saints University, St. Vincent and the Grenadines; Universidade Federal de Vicosa, Minas Gerais, Brazil; University of Cardiz, Spain, University of Valladolid, Spain, Ton Duc Thang University, Vietnam as well as the Covenant University, Ota, Nigeria. To date, I have published well over 70 research articles in peer-reviewed journals. In more than 50% of the published articles, I am the lead and corresponding author. Most of my research activities focus on the exploitation of African biomass and waste materials for biofuel generation and utilization as a means to augment the epileptic energy supply currently being experienced in parts of Sub-Saharan Africa and to fully characterize the microorganisms responsible for the bioconversion of these biomass for advanced bioprocessing thereby creating a robust Microbial databank for the region. My driving force in Environmental management research is the belief that “There is no waste in wastes; the only thing in waste is wealth”. I am the recipient of some local and International awards, fellowships and travel grant

by TWAS and other bodies and have attended a number of International conferences where I presented my research findings. I have also received some recognitions and accolades from globally reputed Scientific Organizations including the American Chemical Society (ACS) for my novel researches. I serve on the editorial board of some reputable journals while serving as reviewer for numerous other high impact journal outlets including Nature, Elsevier, Springer, Taylor and Francis, American Chemical Society among others. In the year 2017, I got a major breakthrough in biogas and biofertilizer generation which was published in Energy and Fuels journal belonging to the American Chemical Society. This development afforded me broadcast in National dailies both in Nigeria and other countries including the US and Canada. I have successfully supervised a total of 33 Bachelor and Diploma projects. In addition, I have co-supervised 4 students at the Postgraduate Diploma, Masters and Doctoral levels. Administratively, I had opportunity to head the Department of Environmental Health, at the Ogun State College of Health Technology, Ilese-Ijebu, (Ifo Campus), Ogun State, Nigeria prior to joining Landmark University, Nigeria where I currently serve as the Director, Vice-Chancellor's Office.

Keywords: Anaerobic digestion, Biogas, Biomass, Water quality, Exposure and health, Potable water, Renewable energy

Notable Academic/Professional Achievements:-

- ✓ In July 2018, I was recognized as a foremost Microbiologist in Nigeria, as the National Young Microbiologist of the year 2018 through the award of **Professor Oyewale Tomori National Prize for Young Scientists in Microbiology** by the *Nigerian Young Academy (NYA)*, an affiliate of the *Nigerian Academy of Science (NAS)*

- ✓ According to the GoogleScholar citation database, I currently occupies the 2nd position among the three world overall leading scientists in the core competence research area of "Water Quality and Health" while I am also in the 9th position globally in the core competence research area of "Biofertilizer".

- ✓ The Oxford University is currently rated number one in the World ranking of top Universities. In the same vein, the Oxford University Library is undoubtedly the largest and most equipped library globally especially with their unique press popularly known as "Oxford Bibliographies". The press publishes **ONLY** high impact researches in journals and book which must have gone through rigorous peer review by world leading experts before acceptance for publication. In March 2017, I was nominated by two prominent Emeritus Professors in the United States (Professors David McQueen and Noni MacDonald) to serve as a reviewer for an article. I gladly accepted the honor and did a thorough review for the Library. My effort was highly applauded and the Library rewarded me with 100 US Dollar worth of books published by Oxford University Press. The books were shipped to Nigeria.

- ✓ In 2017, I initiated a research collaboration between my "Biomass and Bioenergy Group" of the "Environment and Technology Research Cluster" of Landmark University and the

Bioenergy Group in the University of Cardiz, Spain. This effort has seen the two groups working together on Bioenergy and Biofertilizer researches and we recently published a paper together and we have published several papers together while many other are currently under review in notable high impact journals. It is also notable to say that the leader of the Spanish group, Dr. Zahedi Soraya Diaz is very much interested in the visions and research agenda of Landmark University and has since joined our Environment and Technology Research Cluster as the only foreign member.

- ✓ In April 2017, a paper titled '**Bioconversion of *Tithonia diversifolia* (Mexican sunflower) and poultry droppings for energy generation: Optimization, Mass, Energy and Economic benefits**' was published in '**Energy and Fuel**' a journal belonging to the **American Chemical Society (ACS)** which is undoubtedly one of the biggest Scientific Societies in the US and the world over and publishing in any of their journal can be likened to winning a Nobel price due to the high level of peer review and hard work that must have gone into the paper before acceptance. The paper after publication was singled out as a novel finding as it explored the production of Biogas and Biofertilizer from the combination of Poultry waste and Mexican Sunflower which has not been reported anywhere prior to this time. The paper went into a Press Release in the US on the 3rd of May, 2017 at 8 a.m. Eastern U.S. time. It was then included in the American Chemical Society (ACS) Office of Public Affairs' Weekly PressPac, a package of announcements that ACS sends to thousands of journalists around the world (available at the website: https://www.acs.org/content/acs/en/pressroom.html and search for "Turning chicken poop and weed into biofuel"). The release included a hyperlink to the paper on the ACS website. Journalists have since been using the announcement as written, or as the basis for a longer story in many countries. The breakthrough news is available on the Landmark University Website and was later published in the **"Pulse"** (An online Newspaper in Nigeria, (The full article can be found here:http://pulse.ng/student/landmark-university-school-s-energy-breakthrough-will-help-tackle-environmental-challenges-d6719318.html&utm_medium=social&utm_campaign=share&utm_medium=social&utm_campaign=share) and also appeared on page 24 of **"The Nation"** newspaper on the 25th of May, 2017.

Publication and Citation Metrics:-

- ❖ **Scopus:** https://www.scopus.com/authid/detail.uri?authorId=55920311100; *h*-index = **14**; Scopus Author ID = 55920311100; Citations = **499**
- ❖ **Mendeley**: *h*-index = 14; Citations = **499**; Profile view = **26, 830**; Readers = **642**
- ❖ **Googlescholar:**https://scholar.google.com/citations?user=jk67bKwAAAAJ&hl=enCurrent citation = **955**; *h*-index = **17**; *i*10 index = **31**
- ❖ **ResearchGate:** https://www.researchgate.net/profile/Dahunsi_OlatundeCurrent RG Score = **27.30**; Citations = 733; Publication Reads = **13,554**

- **Open Researcher and Contributor ID (ORCID):** https://orcid.org/0000-0003-3088-1577
- **Publons:** https://publons.com/author/1273780/dahunsi-olatunde-samuel#profile; **89** verified reviews
- Web of Science Researcher ID: http://www.researcherid.com/rid/O-5345-2018
- LinkedIn: https://www.linkedin.com/in/dahunsi-samuel-46676545/
- Facebook: https://www.facebook.com/search/top/?q=dahunsi%20olatunde%20samuel&epa=SEARCH_BOX

Publications:-

i. Thesis/Desertations:

1. Optimization of Biogas and digestate Biofertilizer production from five locally available biomass in Nigeria [Ph.D. Thesis]
2. Mesophilic biodigestion of food waste and human excreta for biogas generation [M.Sc. Thesis]
3. Relationship between class attendance and performance in Biology examinations among Secondary school students of Fagge local government area of Kano State [PGDE Thesis].
4. Toxicological effects of synthetic resin effluent on the Haematological parameters of *Clarias gariepinus*, Burchell, 1822 [B. Tech Thesis]

ii. Books/Book Chapters/Monographs:

1. Adesulu-Dahunsi AT, Banwo K, **Dahunsi SO** (2020). Traditional fermented foods of Nigeria. *In: Fermented Food Products.* (Ed. A. Sankaranarayanan, N. Amaresan and D. Dhanasekaran), **Chapter 2**: 27-40 (**CRC Press, Taylor and Francis Group**), (**Clarivate Analytics and Scopus Indexed).**

2. Adesulu-Dahunsi AT, Banwo K, **Dahunsi SO** (2020). Molecular methods in fermented foods. *In: Fermented Food Products.* (Ed. A. Sankaranarayanan, N. Amaresan and D. Dhanasekaran). **Chapter 22**: 365-381 (**CRC Press, Taylor and Francis Group),** (**Clarivate Analytics and Scopus Indexed).**

3. **Dahunsi SO**, Shoyombo A, Fagbiele OO (2019). Biogas Development in Sub-Saharan Africa. In: *Biogas* (Book Chapter) Intech Publishers, United Kingdom, ISBN: 978-953-51-6315-2 http://dx.doi.org/10.5772/intechopen.80564, **(Scopus Indexed).**

4. **Dahunsi SO**, Enyinnaya M (2018). The Bioenergy Potentials of Lignocelluloses. In: *Energy Conversion* - Current Technologies and Future Trends, Pp 93-104 (Book Chapter) Intech Publishers, United Kingdom, ISBN 978-953-51-6342-8, http://dx.doi.org/10.5772/intechopen.79109, **(Scopus Indexed)**

5. **Dahunsi SO**, Ojediran JO, Owolabi A, Shoyombo A, Olayanju A, Enyinnaya M (2018). Impact of Anaerobic Digestion in the Renewable Energy Sector. In: *Biogas* (Book Chapter) Intech Publishers, United Kingdom, ISBN: 978-953-51-6315-2 **(Scopus Indexed) Accepted for publication.**

6. **Dahunsi SO**, Ojediran JO, Oluyori AP, Izebere JO, Olayanju A **(**2018). Pretreatment of lignocellulosic biomass for enhanced bioprocessing. In: *Biogas* (Book Chapter) Intech Publishers, United Kingdom, ISBN: 978-953-51-6315-2 **(Scopus Indexed) Accepted for publication.**

7. **Dahunsi SO,** Oranusi S (2013). Biomonitoring with *Clarias gariepinus*; an aquatic toxicological research study in Tropical Africa (Full Book). Lanbert Academic Publishers, Germany. 137 pages.

iii. **Published Journal Articles:**

1. **Dahunsi SO**, Fagbiele OO, Yusus EO (2020). Bioenergy technologies adoption in Africa: A review of past and current status. *Journal of Cleaner Production* **264: 121683**
   Paper Metrics:-
   Publisher: Elsevier B.V.
   Indexing: Clarivate Analytics and Scopus
   Digital Object Identifier (DOI): https://doi.org/10.1016/j.jclepro.2020.121683
   Impact Factor: 6.395
   CiteScore: 7.32
   SCImago Journal Rank (SJR): 1.620
   Source Normalized Impact per Paper (SNIP): 2.308
   Percentile: 96%

2. Adesulu-Dahunsi AT, **Dahunsi SO**, Olayanju A (2020). Synergistic microbial interactions between lactic acid bacteria and yeasts during production of Nigerian indigenous fermented foods and beverages. *Food Control* **110: 106963**
   Paper Metrics:-
   Publisher: Elsevier B.V.
   Indexing: Clarivate Analytics and Scopus
   Digital Object Identifier (DOI): https://doi.org/10.1016/j.foodcont.2019.106963
   Impact Factor: 4.245
   CiteScore: 4.45
   SCImago Journal Rank (SJR): 14.50
   Source Normalized Impact per Paper (SNIP): 1.731
   Percentile: 94%

3. Olawale O, Obayomi KS, **Dahunsi SO**, Folarin O (2020). Bioremediation of artificially contaminated soil with petroleum using animal waste: cow and poultry dung. *Cogent Engineering,* **7(1): 1721409.**
   Paper Metrics:-
   Publisher: Taylor & Francis Group
   Indexing: Clarivate Analytics and Scopus
   Digital Object Identifier (DOI): https://doi.org/10.1080/23311916.2020.1721409
   Impact Factor: 1.35
   CiteScore: 1.36
   SCImago Journal Rank (SJR): 0.272
   Source Normalized Impact per Paper (SNIP): 0.820
   Percentile: 68%

4. Olayanju TMA, Dairo OU, Sobukola O, Odebiyi O, **Dahunsi SO** (2020). Development of small-scale downdraft gasifiers for biomass gasification. *IOP Conference Series: Earth and Environmental Science* **445: 012056**
   Paper Metrics:-
   Publisher: Institute of Physics (IOP)
   Indexing: Scopus
   Digital Object Identifier (DOI): doi:10.1088/1755-1315/445/1/012056
   Impact Factor: 4.245
   CiteScore: 0.44
   SCImago Journal Rank (SJR): 0.170
   Source Normalized Impact per Paper (SNIP): 0.536
   Percentile: 30%

5. Olayanju TMA, Dairo OU, Sobukola O, Odebiyi O, **Dahunsi SO** (2020). Performance evaluation of downdraft gasifiers under various conditions. *IOP Conference Series: Earth and Environmental Science* **445: 012057**
   Paper Metrics:-
   Publisher: Institute of Physics (IOP)
   Indexing: Scopus
   Digital Object Identifier (DOI): doi:10.1088/1755-1315/445/1/012057
   Impact Factor: 4.245
   CiteScore: 0.44
   SCImago Journal Rank (SJR): 0.170
   Source Normalized Impact per Paper (SNIP): 0.536
   Percentile: 30%

6. Imo EE, Olayanju A, Ibikunle FA, **Dahunsi SO** (2020). Impact of small hydropower developments on rural transformation in Nigeria. *IOP Conference Series: Earth and Environmental Science* **445: 012023**
   Paper Metrics:-

Publisher: Institute of Physics (IOP)
Indexing: Scopus
Digital Object Identifier (DOI): doi:10.1088/1755-1315/445/1/012023
Impact Factor: 4.245
CiteScore: 0.44
SCImago Journal Rank (SJR): 0.170
Source Normalized Impact per Paper (SNIP): 0.536
Percentile: 30%

7. **Dahunsi SO** (2019). Liquefaction of pineapple peel: Pretreatment and process optimization. *Energy*, **185: 1017-1031.**
   Paper Metrics:-
   Publisher: Elsevier B.V.
   Indexing: Clarivate Analytics and Scopus
   Digital Object Identifier (DOI): https://doi.org/10.1016/j.energy.2019.07.123
   Impact Factor: 5.537
   CiteScore: 6.20
   SCImago Journal Rank (SJR): 2.048
   Source Normalized Impact per Paper (SNIP): 1.842
   Percentile: 99%

8. **Dahunsi SO,** Adesulu-Dahunsi AT, Izebere JO (2019). Cleaner energy through liquefaction of Cocoa (*Theobroma cacao*) pod husk: Pretreatment and Process Optimization. *Journal of Cleaner Production,* **226: 578-588.**
   Paper Metrics:-
   Publisher: Elsevier B.V.
   Indexing: Clarivate Analytics and Scopus
   Digital Object Identifier (DOI): https://doi.org/10.1016/j.jclepro.2019.04.112
   Impact Factor: 6.395
   CiteScore: 7.32
   SCImago Journal Rank (SJR): 1.620
   Source Normalized Impact per Paper (SNIP): 2.308
   Percentile: 96%

9. **Dahunsi SO,** Adesulu-Dahunsi AT, Osueke CO, Lawal AI, Olayanju TMA, Ojediran JO, Izebere JO (2019). Biogas generation from *Sorghum bicolor* stalk: Effect of pretreatment methods and economic feasibility; *Energy Reports*, **5: 584–593.**
   Paper Metrics:-
   Publisher: Elsevier B.V.
   Indexing: Clarivate Analytics and Scopus
   Digital Object Identifier (DOI): https://doi.org/10.1016/j.egyr.2019.04.002
   Impact Factor: 3.830
   CiteScore: 5.47

SCImago Journal Rank (SJR): 1.396
Source Normalized Impact per Paper (SNIP): 2.451
Percentile: 92%

10. **Dahunsi SO**, Osueke CO, Olayanju TMA, Lawal AI (2019). Co-digestion of *Theobroma cacao* (Cocoa) pod husk and poultry manure for energy generation: Effects of pretreatment methods, *Bioresource Technology*, **283: 229–241.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): https://doi.org/10.1016/j.biortech.2019.03.093
    Impact Factor: 6.669
    CiteScore: 7.08
    SCImago Journal Rank (SJR): 2.157
    Source Normalized Impact per Paper (SNIP): 1.824
    Percentile: 97%

11. **Dahunsi SO** (2019). Mechanical pretreatment of lignocelluloses for enhanced biogas production: Methane yield prediction from biomass structural components. *Bioresource Technology,* **280: 18-26**.
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): https://doi.org/10.1016/j.biortech.2019.02.006
    Impact Factor: 6.669
    CiteScore: 7.08
    SCImago Journal Rank (SJR): 2.157
    Source Normalized Impact per Paper (SNIP): 1.824
    Percentile: 97%
12. **Dahunsi SO,** Olayanju TMA, Adesulu-Dahunsi AT (2019). Data on Optimization of bioconversion of fruit rind of Telfairia occidentalis (Fluted Pumpkin) and Poultry manure for biogas generation. *Chemical Data Collections,* **20: 100192**.
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Scopus
    Digital Object Identifier (DOI): https://doi.org/10.1016/j.cdc.2019.100192
    Impact Factor: Nil
    CiteScore: 0.98
    SCImago Journal Rank (SJR): 0.177
    Source Normalized Impact per Paper (SNIP): 0.516
    Percentile: 41%

13. Onokwai AO, Okonkwo UC, Osueke CO, Okafor CE, Olayanju TMA, **Dahunsi SO** (2019). Design, modelling, energy and exergy analysis of a parabolic cooker. *Renewable Energy*, **142**: **497-510**.
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): https://doi.org/10.1016/j.renene.2019.04.028
    Impact Factor: 5.439
    CiteScore: 6.19
    SCImago Journal Rank (SJR): 1.889
    Source Normalized Impact per Paper (SNIP): 2.075
    Percentile: 87%

14. Ibikunle RA, Akinnuli BO, Osueke CO, **Dahunsi SO**, Olayanju A (2019). Impact of Physical and Chemical Properties of Municipal Solid Waste on its Electrical Power Rating Potential *Journal of Physics: Conference Series,* **1299: 012003.**
    Paper Metrics:-
    Publisher: Institute of Physics (IOP)
    Indexing: Scopus
    Digital Object Identifier (DOI): doi:10.1088/1742-6596/1299/1/012003
    Impact Factor: Nil
    CiteScore: 0.53
    SCImago Journal Rank (SJR): 0.192
    Source Normalized Impact per Paper (SNIP): 0.531
    Percentile: 38%

15. Ibikunle RA, Titiladunayo IF, Akinnuli BO, **Dahunsi SO,** Olayanju TMA (2019). Estimation of power generation from municipal solid wastes: A case Study of Ilorin metropolis, Nigeria. *Energy Reports*, **5: 126–135**.
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): https://doi.org/10.1016/j.egyr.2019.01.005
    Impact Factor: 3.830
    CiteScore: 5.47
    SCImago Journal Rank (SJR): 1.396
    Source Normalized Impact per Paper (SNIP): 2.451
    Percentile: 92%

16. Egharevba GO, Dosumu OO, Oguntoye SO, Njinga NS, **Dahunsi SO**, Hamid AA, Anand A, Amtul Z, Ujjukuri P (2019). Antidiabetic, antioxidant and antimicrobial activities of extracts of *Tephrosia bracteolate* leaves. *Heliyon,* **5: e02275**
    Paper Metrics:-

Publisher: Elsevier B.V.
Indexing: Scopus
Digital Object Identifier (DOI): https://doi.org/10.1016/j.heliyon.2019.e02275
Impact Factor: Nil
CiteScore: 1.66
SCImago Journal Rank (SJR): 0.426
Source Normalized Impact per Paper (SNIP): 0.634
Percentile: 81%

17. Aremu CO, Ojuederie OB, Ayo-Vaughan F, **Dahunsi SO**, Adekiya AO, Olayanju A, Adebiyi OT, Ige S, Inegbedion H, Asaleye AJ, Abolusoro S, Aboyeji CM, Ajiboye BO, Obaniyi S (2019). Morphometric analysis and characterization of the nutritional quality in African yam bean accessions. *Plant Physiology Reports*, **1-14.**
    Paper Metrics:-
    Publisher: Springer Nature
    Indexing: Scopus
    Digital Object Identifier (DOI): https://doi.org/10.1007/s40502-019-00472-w
    Impact Factor: Nil
    CiteScore: 0.88
    SCImago Journal Rank (SJR): 0.289
    Source Normalized Impact per Paper (SNIP): 0.452
    Percentile: 48%

18. Efeovbokhan VE, Eboigbe C, Oladimeji TE, **Dahunsi SO** (2018). Deploying mathematical models for monitoring the quality of biodiesel products in biodiesel processing plants. *Petroleum and Coal*, **60(6): 1304-1313.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Scopus
    Digital Object Identifier (DOI):
    Impact Factor: Nil
    CiteScore: 0.33
    SCImago Journal Rank (SJR): 0.190
    Source Normalized Impact per Paper (SNIP): 0.368
    Percentile: 23%

19. Olayanju TMA, Osueke C, **Dahunsi SO,** Okonkwo CE, Adekunle NO, Olarenwaju OO, Oludare A (2018). Mechanical behaviour of *Moringa oleifera* seeds under compression loading. *International Journal of Mechanical Engineering and Technology*, *9(11): 848–859.*
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Scopus
    Digital Object Identifier (DOI):

Impact Factor: Nil
CiteScore: 2.13
SCImago Journal Rank (SJR): 0.215
Source Normalized Impact per Paper (SNIP): 0.119
Percentile: 79%

20. **Dahunsi SO,** Oranusi SU, Efeovbokhan VE, Olayanju A, Zahedi S, Ojediran JO, Izebere JO, Aladegboye AJ (2018). Anaerobic bioconversion of *Chromolaena odorata* (Siam weed). *Energy Reports,* **4: 691-700**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.egyr.2018.10.006
    Impact Factor: 3.830
    CiteScore: 5.47
    SCImago Journal Rank (SJR): 1.396
    Source Normalized Impact per Paper (SNIP): 2.451
    Percentile: 92%

21. **Dahunsi SO,** Olayanju A, Izebere JO, Oluyori AP (2018). Data on Energy and Economic evaluation and microbial assessment of anaerobic co-digestion of fruit rind of *Telfairia occidentalis* (Fluted Pumpkin) and Poultry manure. *Data in Brief*, **21: 97-104**.
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Scopus
    Digital Object Identifier (DOI): 10.1016/j.dib.2018.09.065
    Impact Factor: Nil
    CiteScore: 0.93
    SCImago Journal Rank (SJR): 0.366
    Source Normalized Impact per Paper (SNIP): 0.429
    Percentile: 71%
22. **Dahunsi SO**, Oranusi S, Efeovbokhan VE, Zahedi S, Ojediran JO, Olayanju A, Oluyori AP, Adekanye TA, Izebere JO, Enyinnaya M (2018). Biochemical conversion of fruit rind of *Telfairia occidentalis* (Fluted Pumpkin) and Poultry manure. *Energy Sources (Part A) Utilization and Environmental Effects*, **40(23): 2799-2811**.
    Paper Metrics:-
    Publisher: Taylor and Francis Incorporated
    Indexing: Clarivate Analytics, Scopus
    Digital Object Identifier (DOI): 10.1080/15567036.2018.1511651
    Impact Factor: 0.894
    CiteScore: 0.98
    SCImago Journal Rank (SJR): 0.320

Source Normalized Impact per Paper (SNIP): 0.452
Percentile: 52%

23. Obafemi YD Taiwo OS, Omodara OJ, **Dahunsi SO,** Oranusi S (2018). Biodegradation of crude petroleum by bacterial consortia from oil-contaminated soils in Ota, Ogun State, South-Western, Nigeria. *Environmental Technology and Innovation,* **12: 230-242**.
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): DOI: 10.1016/j.eti.2018.09.006
    Impact Factor: 2.800
    CiteScore: 3.16
    SCImago Journal Rank (SJR): 0.721
    Source Normalized Impact per Paper (SNIP): 1.190
    Percentile: 87%

24. **Dahunsi SO,** Ogunrinola GA (2018). Improving soil fertility and performance of tomatoe plant using the anaerobic digestate of *Tithonia diversifolia* as biofertilizer. *IOP Conference Series: Earth and Environmental Science,* **210: 012014.**
    Paper Metrics:-
    Publisher: IOP Series
    Indexing: Scopus
    Digital Object Identifier (DOI): doi:10.1088/1755-1315/210/1/012014
    Impact Factor: Nil
    CiteScore: 0.44
    SCImago Journal Rank (SJR): 0.170
    Source Normalized Impact per Paper (SNIP): 0.536
    Percentile: 30%

25. Zahedi S, **Dahunsi SO,** Perez M, Solera R (2018). Assessment of Chemical Inhibitor Addition to Improve the Gas Production from Biowaste. *Waste and Biomass Valorization,* **10(5): 1091-1099**.
    Paper Metrics:-
    Publisher: Springer, Netherlands
    Indexing: Clarivate Analytics, Scopus
    Digital Object Identifier (DOI): 10.1007/s12649-017-0189-2.
    Impact Factor: 2.358
    CiteScore: 2.32
    SCImago Journal Rank (SJR): 0.531
    Source Normalized Impact per Paper (SNIP): 0.820
    Percentile: 70%

26. Ayandiran TA, Fawole OO, **Dahunsi SO** (2018). Water quality assessment of bitumen polluted Oluwa River, South-Western Nigeria. *Water Resources and Industry,* **19: 13–24.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Scopus
    Digital Object Identifier (DOI): 10.1016/j.wri.2017.12.002
    Impact Factor: Nil
    CiteScore: 6.13
    SCImago Journal Rank (SJR): 1.255
    Source Normalized Impact per Paper (SNIP): 2.821
    Percentile: 98%

27. **Dahunsi SO**, Oranusi S, Efeovbokhan VE (2017). Anaerobic mono-digestion of *Tithonia diversifolia* (Wild Mexican sunflower). *Energy Conversion and Management* (**Elsevier**) **148: 128-145.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.enconman.2017.05.056
    Impact Factor: 7.181
    CiteScore: 7.87
    SCImago Journal Rank (SJR): 2.730
    Source Normalized Impact per Paper (SNIP): 2.151
    Percentile: 97%

28. **Dahunsi SO**, Oranusi S, Efeovbokhan VE (2017). Pretreatment optimization, Process control, Mass and Energy balances and Economics of anaerobic co-digestion of *Arachis hypogaea* (Peanut) hull and poultry manure. *Bioresource Technology,* **241: 454-464.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.biortech.2017.05.152
    Impact Factor: 6.669
    CiteScore: 7.08
    SCImago Journal Rank (SJR): 2.157
    Source Normalized Impact per Paper (SNIP): 1.824
    Percentile: 97%

29. **Dahunsi SO**, Oranusi S, Efeovbokhan VE (2017). Bioconversion of *Tithonia diversifolia* (Mexican sunflower) and poultry droppings for energy generation: Optimization, Mass, Energy and Economic benefits. *Energy and Fuel,* **31: 5145-5157.**
    Paper Metrics:-
    Publisher: American Chemical Society (ACS)

Indexing: Clarivate Analytics and Scopus
Digital Object Identifier (DOI): 10.1021/acs.energyfuels.7b00148
Impact Factor: 3.021
CiteScore: 3.50
SCImago Journal Rank (SJR): 1.035
Source Normalized Impact per Paper (SNIP): 1.159
Percentile: 84%

30. **Dahunsi SO**, Oranusi S, Efeovbokhan VE (2017). Cleaner energy for cleaner production: Modeling and optimization of biogas generation from *Carica papayas* (Pawpaw) fruit peels. *Journal of Cleaner Production,* **156: 19-29.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.jclepro.2017.04.042
    Impact Factor: 6.395
    CiteScore: 7.32
    SCImago Journal Rank (SJR): 1.620
    Source Normalized Impact per Paper (SNIP): 2.308
    Percentile: 96%

31. **Dahunsi SO**, Oranusi S, Efeovbokhan VE (2017). Optimization of pretreatment, process performance, Mass and Energy balance in the anaerobic digestion of *Arachis hypogaea* (Peanut) hull. *Energy Conversion and Management,* **139: 260–275.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.enconman.2017.02.063
    Impact Factor: 7.181
    CiteScore: 7.87
    SCImago Journal Rank (SJR): 2.730
    Source Normalized Impact per Paper (SNIP): 2.151
    Percentile: 97%

32. **Dahunsi SO**, Oranusi S, Owolabi JB, Efeovbokhan VE (2017). Synergy of Siam weed (*Chromolaena odorata*) and poultry manure for energy generation: Effects of pretreatment methods, modeling and process optimization. *Bioresource Technology,* **225: 409-417.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.biortech.2016.11.123
    Impact Factor: 6.889
    CiteScore: 7.08

SCImago Journal Rank (SJR): 2.157
Source Normalized Impact per Paper (SNIP): 1.824
Percentile: 97%

33. **Dahunsi SO**, Oranusi S, Owolabi JB, Efeovbokhan VE (2016). Comparative biogas generation from fruit peels of fluted pumpkin (*Telfairia occidentalis*) and its optimization. *Bioresource Technology,* **221: 517-525.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.biortech.2016.09.065
    Impact Factor: 6.669
    CiteScore: 7.08
    SCImago Journal Rank (SJR): 2.157
    Source Normalized Impact per Paper (SNIP): 1.824
    Percentile: 97%

34. **Dahunsi SO**, Oranusi S, Owolabi JB, Efeovbokhan VE (2016). Mesophilic anaerobic co-digestion of poultry droppings and *Carica papaya* peels: Modelling and process parameter optimization study. *Bioresource Technology,* **216: 587-600.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.biortech.2016.05.118
    Impact Factor: 6.669
    CiteScore: 7.08
    SCImago Journal Rank (SJR): 2.157
    Source Normalized Impact per Paper (SNIP): 1.824
    Percentile: 97%

35. Ayandiran TA, **Dahunsi SO** (2017). Microbial evaluation and occurrence of antidrug multi-resistant organisms among the indigenous Clarias species in River Oluwa, Nigeria
    Journal of King Saud University Science, **29(1): 96-105.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.jksus.2016.02.001
    Impact Factor: 2.835
    CiteScore: 2.76
    SCImago Journal Rank (SJR): 0.434
    Source Normalized Impact per Paper (SNIP): 1.812
    Percentile: 90%

36. Ayandiran TA, **Dahunsi SO** (2016). Toxicological assessment of fish (*Clarias gariepinus*) from polluted Oluwa River, Nigeria. *Environmental Monitoring and Assessment*, **188: 1-18.**
    Paper Metrics:-
    Publisher: Springer Nature
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1007/s10661-015-5003-7
    Impact Factor: 1.959
    CiteScore: 2.23
    SCImago Journal Rank (SJR): 0.623
    Source Normalized Impact per Paper (SNIP): 1.010
    Percentile: 78%

37. Oranusi S, **Dahunsi SO** (2015). Preliminary study on hazards and critical control points of kokoro, a Nigerian indigenous fermented maize snack. *SpringerPlus***, 4(253): 1-10**.
    Paper Metrics:-
    Publisher: Springer
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1186/s40064-015-1026-3
    Impact Factor: 0.982
    CiteScore: 1.76
    SCImago Journal Rank (SJR): 0.431
    Source Normalized Impact per Paper (SNIP): 1.182
    Percentile: 83%

38. **Dahunsi SO,** Ayandiran TA, Oranusi US, Owamah HI (2014). Drinking water quality and public health of selected communities in South Western Nigeria. *Water Quality Exposure and Health***, 6: 143-153.**
    Paper Metrics:-
    Publisher: Springer
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1007/s12403-014-0118-6
    Impact Factor: 4.532
    CiteScore: 4.71
    SCImago Journal Rank (SJR): 1.244
    Source Normalized Impact per Paper (SNIP): 1.877
    Percentile: 97%

39. Ayandiran TA, Fawole OO, **Dahunsi SO**, Ogundiran MA (2017). Response of *Rattus norvegicus* to Bitumen Leachate Toxicity. *Biochemistry and Physiology*, 6: 221.

40. Sojobi AO, **Dahunsi SO,** Afolayan AO (2015). Assessment of the efficiency of disinfection methods for improving water quality. *Nigerian Journal of Technology* **34(4): 907-915.**

41. Ayandiran TA, Ayandele AA, **Dahunsi SO**, Ajala OO (2014). Microbial assessment and prevalence of antibiotic resistance in polluted Oluwa River, Nigeria. *Egyptian Journal of Aquatic Research*, **40: 291-299.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.ejar.2014.09.002
    Impact Factor: Nil
    CiteScore: 2.01
    SCImago Journal Rank (SJR): 0.497
    Source Normalized Impact per Paper (SNIP): 1.435
    Percentile: 70%

42. Alfa IM, Owamah HI, **Dahunsi SO** (2014). Optimization of Biogas from Chicken Droppings with *Cymbopogon citratus. Renewable Energy*, **68: 366-371.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.renene.2014.02.006
    Impact Factor: 5.439
    CiteScore: 6.19
    SCImago Journal Rank (SJR): 1.889
    Source Normalized Impact per Paper (SNIP): 2.075
    Percentile: 87%

43. **Dahunsi SO,** Owamah HI, Oranusi US, Alfa MI (2014). Fertilizer and sanitary quality of digestate biofertilizer from co-digestion of food waste and Human excreta. *Waste Management*, **34: 747-752.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.wasman.2014.01.017
    Impact Factor: 5.431
    CiteScore: 6.15
    SCImago Journal Rank (SJR): 1.523
    Source Normalized Impact per Paper (SNIP): 2.193
    Percentile: 91%

44. Alfa MI, **Dahunsi SO,** Iorhemen OT, Okafor CC, Ajayi, SA (2014). Comparative evaluation of biogas production from Poultry droppings, Cow dung and Lemon grass. *Bioresource Technology,* **157: 270-277.**
    Paper Metrics:-
    Publisher: Elsevier B.V.

Indexing: Clarivate Analytics and Scopus
Digital Object Identifier (DOI): 10.1016/j.biortech.2014.01.108
Impact Factor: 6.669
CiteScore: 7.08
SCImago Journal Rank (SJR): 2.157
Source Normalized Impact per Paper (SNIP): 1.824
Percentile: 97%

45. Alfa IM, Adie DB, Igboro SB, Oranusi US, **Dahunsi SO**, Akali DM (2014). Assessment of biofertilizer quality and health implications of anaerobic digestion effluent of cow dung and chicken droppings. *Renewable Energy,* **63: 681-686.**
    Paper Metrics:-
    Publisher: Elsevier B.V.
    Indexing: Clarivate Analytics and Scopus
    Digital Object Identifier (DOI): 10.1016/j.renene.2013.09.049
    Impact Factor: 5.439
    CiteScore: 6.19
    SCImago Journal Rank (SJR): 1.889
    Source Normalized Impact per Paper (SNIP): 2.075
    Percentile: 87%

46. Sojobi AO, Owamah HI, **Dahunsi SO** (2014). Comparative study of household Water treatment in a rural community in Kwara State, Nigeria. *Nigerian Journal of Technology* **33(1): 134-140.**

47. Alfa MI, Igboro SB, Ajayi SA, **Dahunsi SO,** Ochigbo BO (2014). Assessment of the Antimicrobial Efficiency of *Moringa oleifera* Seed extracts in the Treatment of Grey water. *British Journal of Applied Science and Technology* **4(3): 558-567.**

48. Oranusi US, **Dahunsi SO**, Idowu SA (2014). Assessment of Occupational diseases among artisans in Ifo, Ogun State, Nigeria**.** *Journal of Scientific Research and Reports* **3(2): 294-305.**

49. **Dahunsi SO,** Oranusi US (2013). Co-digestion of food waste and Human excreta for Biogas production. *British Biotechnology Journal* **3(4): 485-499.**

50. Adepoju T, Okunlola AA, **Dahunsi SO** (2013). Experimental investigation of Sand box Biodiesel performance in an internal combustion engine. *International Journal of Engineering Research and Technology* **2(11): 3833-3855**.

51. Adepoju T, Okunlola AA, **Dahunsi SO** (2013). Trans-esterification optimization of Neem (*Azadirachta indica*) oil to Biodiesel and its emission characterization. *International Journal of Engineering Research and Technology* **2(11): 3856-3875**.

52. Alfa IM, Adie DB, Iorhemen OT, Okafor CC, Ajayi SA, **Dahunsi SO** and Akali DM (2013). Assessment of the mesophilic co-digestion of cow dung with lemon grass for biogas production. *Nigerian Journal of Technology* **32(3): 478-484.**

53. Alfa IM, Otun JA, Igboro SB, **Dahunsi SO**, Ajayi SA, Akali DM (2013). Between and Betwixt soil fertility improvement and disease transmission: an assessment of the suitability of anaerobic digestion effluent for direct application as fertilizer. *Nigerian Journal of Technology* **32(3): 492-497**.

54. Oranusi US, Akande VA, **Dahunsi SO** (2013). Assessment of Microbial quality and Antibacterial activity of commonly used Hand Washes. *Journal of Biological and Chemical Research* **30(2): 570-580**.

55. Oranusi S, **Dahunsi SO,** Owoso OO, Olatile T (2013). Microbial Profile of Hands, Foods, Easy contact surfaces and Food contact surfaces: A case study of a University Campus. *Novus International Journal of Biotechnology and Bioscience* **2(1):30-39.**

56. Alfa IM, Okuofu CA, Adie DB, **Dahunsi SO,** Oranusi US, Idowu SA (2012). Evaluation of Biogas Potentials of *Cymbopogon citrates* as alternative energy in Nigeria. *International Journal of Green Chemistry and Bioprocess* **2(4):34-38.**

57. Adelani-Akande TA, Ajiba LC, **Dahunsi SO,** Oluyori AP (2015). Antibacterial activity of watermelon (*Citrullus lanatus*) seed against selected microorganisms. *African Journal of Biotechnology* **14(14): 1224-1229 (Scopus Indexed).**

58. Ogundiran M.A, Adewoye SO, Ayandiran TA, **Dahunsi S.O** (2014). Heavy metals, proximate and microbial profile of selected commercial marine fishes in Nigeria. *Africa Journal of Biotechnology* **13(10): 1147-1153 (Scopus Indexed).**

59. Oranusi US, Nwachukwu C, Adekeye BT, **Dahunsi SO,** Adeyemi AO (2013). Microbial profile, antimicrobial and antioxidant activities of some imported spices in Nigeria. *European Journal of Experimental Biology* **3(6): 193-202.**

60. **Dahunsi SO,** Oranusi US (2013). Haematological response of *Clarias gariepinus* to rubber processing effluent. *Annual Review and Research in Biology*. **3(4): 624-635 (Scopus Listed).**

61. **Dahunsi SO,** Oranusi, SU (2012). Acute toxicity of lethal concentrations of synthetic resin effluent to African Catfish, *Clarias gariepinus* [Burchell, 1822]. *American Journal of Food and Nutrition* **2(2): 42-46.**

62. **Dahunsi SO,** Oranusi SU (2012). Differential Bioaccumulation of heavy metals in selected biomarkers of *Clarias gariepinus* [*Burchell*, 1822] exposed to Adhesives Effluents. *Journal of Research in Environmental Science and Toxicology* **1 (5): 100-106.**

63. **Dahunsi SO**, Oranusi SU, Ishola RO (2012). Bioaccumulation pattern of Cadmium and Lead in the Head capsule and Body muscle of *Clarias gariepinus* [Burchell, 1822] exposed to Paint Emulsion Effluents. *Research Journal of Environmental and Earth Sciences* **4(2): 166-170**.

64. **Dahunsi SO,** Oranusi SU, Ishola RO (2011). Biochemical profile of *Clarias gariepinus* exposed to sub-lethal concentrations of chemical additives effluent. *International Journal of Research in Environmental Science and Technology* **1(4): 52-58**.

vi. **Articles in Press:**

1. **Dahunsi SO** (2020). Co-conversion of Pineapple peel and poultry manure for energy generation: Effects of low-cost pretreatment applications. *Energy Reports* (**Under Review; Clarivate Analytics Indexed).**

2. **Dahunsi SO,** Zahedi SD, Onagaumah EM (2019). Biofertilizer production from Elephant grass (*Pennisetum purpureum*). *Industrial Crops and Products* **(Elsevier) Under Review; Clarivate Analytics Indexed.**

3. **Dahunsi SO,** Zahedi S (2019). Optimization of biogas generation from thermo-alkaline pretreated spent animal beddings. *Chemical Engineering Journal* (**Elsevier**) **Under Review; Clarivate Analytics Indexed.**

4. **Dahunsi SO,** Zahedi S, (2019). Mass balance and economics of biogas generation from *Theobroma cacao* (Cocoa) fruit pods. *Biomass and Bioenergy* (**Elsevier**) **Under Review; Clarivate Analytics Indexed.**
5. **Dahunsi SO,** Riau, V, Zahedi S (2019). Biosolids versus Bioenergy from thermophilic anaerobic digestion of municipal waste. *Fuel* (**Elsevier**) **Under Review; Clarivate Analytics Indexed.**

6. **Dahunsi SO,** Zahedi S (2019). Economic analysis of glycerine incorporation in a waste treatment plant. *Fuel* (**Elsevier**) **Under Review; Clarivate Analytics Indexed.**

7. Ennouri, H **Dahunsi SO,** Carpio D, Seyed M, Zahedi S (2019). Same sludge pre-treatment and different levels of economic profitability depending on the country. *Fuel* (**Elsevier**) **Under Review; Clarivate Analytics Indexed.**

vii. Published Conference Proceedings:

1. **Dahunsi SO,** Owolabi JB, Oranusi SU (2015). Biogas generation from Watermelon peels, Pineapple peels and Food wastes. In: International Conference on African Development Issues (CU-ICADI) 2015: Biotechnology and Bioinformatics Track, African Leadership Development Centre, Covenant University Canaan land, Ota Ogun State, Nigeria.

2. **Dahunsi SO** (2012). Bioengineering of anaerobic digester and the mesophilic biodigestion of food waste and human excreta for biogas generation. In: TWAS/BiovisionNxt 2012 Biennial Conference, Alexandria, Egypt, 20th-25thApril, 2012.

viii. Papers Presented at Conferences Attended:

1. **Dahunsi SO** (2019) Co-liquefaction of Pineapple peel and poultry manure: Effects of low cost pretreatment and microbial community structure. Presented at the Gordon Research Seminar: Applied and Environmental Microbiology (Microbial Language: Microbes, Molecules and Metabolites)**,** Mount Holyoke College**,** 50 College Street**,** South Hadley, Massachusetts, Boston, United States of America 13th to 14th July, 2019.

2. **Dahunsi SO** (2019) Co-liquefaction of Pineapple peel and poultry manure: Effects of low cost pretreatment and microbial community structure. Presented at the Gordon Research Conference: Applied and Environmental Microbiology (Shaping the Earth's Microverse)**,** Mount Holyoke College**,** 50 College Street**,** South Hadley, Massachusetts, Boston, United States of America 14th to 19th July, 2019.

3. **Dahunsi SO,** Zahedi S, Olayanju A, Izebere JO, Ojediran OJ (2018). Biofertilizer production from *Tithonia diversifolia* and poultry manure and nutrient bioavailability to maize. Presented at the 2nd International Conference on Bioresource, Energy, Environment and Material Technology, Daemyung Resort, Hongcheon-Gun, Gandwon-do, South Korea 10th to 13th June, 2018.

4. **Dahunsi SO,** Zahedi S, Olayanju A, Izebere JO, Ojediran OJ (2018). Economic feasibility of thermo-alkaline pretreatment in the anaerobic fermentation of *Theobroma cacao* (Cocoa) pods. Presented at the 2nd International Conference on Bioresource, Energy, Environment and Material Technology, Daemyung Resort, Hongcheon-Gun, Gandwon-do, South Korea 10th to 13th June, 2018.

5. **Dahunsi SO,** Zahedi S, Olayanju A, Izebere JO, Ojediran OJ (2018). Biogas generation from anaerobic co-digestion of *Pennisetum purpureum* and poultry manure. Presented at the 2nd International Conference on Bioresource, Energy, Environment and Material Technology, Daemyung Resort, Hongcheon-Gun, Gandwon-do, South Korea 10th to 13th June, 2018.

6. **Dahunsi SO,** Oranusi S and Efeovbokhan VE (2016). Biomethane generation from the peels of fluted pumpkin *(Telfairia occidentalis)* fruit peels and its process parameters optimization. Presented at the 1st International Conference on Bioresource Technology for Bioenergy, Bioproducts and Environmental Sustainability, Sitges, Spain, 23rd to 26th October, 2016.

7. **Dahunsi SO,** Oranusi S and Efeovbokhan VE (2016). Modeling and optimization of biogas generation from *Arachis hypogaea* pods. Presented at the 1st International Conference on Bioresource Technology for Bioenergy, Bioproducts and Environmental Sustainability, Sitges, Spain, 23rd to 26th October, 2016.

8. **Dahunsi SO,** Oranusi S and Efeovbokhan VE (2016). Bioavailability and accessibility of nutrients from *Chromolaena odorata* digestate biofertilizer using *Zea mays* as test plant. Presented at the 1st International Conference on Bioresource Technology for Bioenergy, Bioproducts and Environmental Sustainability, Sitges, Spain, 23rd to 26th October, 2016.

9. **Dahunsi SO,** Oranusi S and Owolabi JB (2016). Bioavailability and accessibility of nutrients from *Tithonia diversifolia* digestate biofertilizer using *Zea mays* as a test plant. Being Paper Presented at the 5th International Ecosummit Ecological Sustainability, Engineering Change, Montpellier, France, 29th August to 1st September, 2016.

10. **Dahunsi SO,** Oranusi S and Owolabi JB (2016). *Tithonia diversifolia*: a new source of biofuel. Being a Paper Presented at the Energy Systems Conference, The Queen Elizabeth II Center, Westminster, London, United Kingdom, 14-15 June, 2016.

11. **Dahunsi SO**, Owolabi JB and Oranusi S (2015). Biogas generation from Watermelon peels, Pineapple peels and Food wastes. Being a Paper Presented at the 2nd Covenant University International Conference on African Development Issues (CU-ICADI), Covenant University, Nigeria, 11th to 13thMay, 2015.

12. **Dahunsi SO**, Ogundeji MD and Ogah SO (2014). **"**From Biomass to Fuel; A Nigerian Case study" Being a Paper Presented at the 4th Nigerian Young Academy (NYA) General Assembly/National Conference, University of Ilorin, Ilorin Nigeria, 8th to 11th July, 2014.

13. **Dahunsi SO** and Owamah HI (2014). "Water and Health; A South-Western Nigerian Survey" Being a Paper Presented at the 4th Nigerian Young Academy (NYA) General Assembly/National Conference, University of Ilorin, Ilorin Nigeria, 8th to 11th July, 2014.

14. **Dahunsi SO**, Oranusi S, Ogundeji MD and Ogah SO (2014). "Biogas for the Nigerian Energy future; a paradigm shift" Being a Paper Presented at the International Biotechnology Symposium (IBS) 2014, Covenant University, Ota Nigeria, 9th to 11thJune, 2014.

15. **Dahunsi SO**, Alfa MI, Adie DB, Oranusi US, Idowu SA and Ajayi SA (2013). "Evaluation of Biofertilizer from the Mesophilic Digestion of Food Waste and Human Excreta" Being a Paper Presented at the 3rd Biennial Engineering Conference, at School of Engineering and Engineering Technology, Federal University of Technology, Minna, Nigeria, 14th – 16th May, 2013.

16. Alfa MI, Adie DB and **Dahunsi SO** (2012). "Evaluation of Biogas Potentials of *Cymbopogon citratus* as Alternative Energy For Food Security in Nigeria" Being a Paper Presented at the 3rd National Water Conference/Water Week at the Kwara Hotel, Ilorin, Kwara State, 13th – 15th November, 2012.

17. Alfa MI, Okuofu CA, Adie DB and **Dahunsi SO** (2012). "Evaluation of Biogas Potentials of *Cymbopogon citratus* as Alternative Energy in Nigeria" Being a Paper Presented at the 10thChemclass Conference 2012, Chemical Society of Nigeria, Zaria Chapter at the School of Postgraduate Studies, Ahmadu Bello University, Zaria, June 14th 2012.

18. Alfa MI, Igboro SB, Otun JO and **Dahunsi SO** (2012). "Between and Betwixt Soil Fertility Improvement and Disease Transmission: An Assessment of the Suitability of Anaerobic Digestion Effluent for Direct Application As Fertilizer" Being a Paper Presented at the 10thChemclass Conference 2012, Chemical Society of Nigeria, Zaria Chapter at the School of Postgraduate Studies, Ahmadu Bello University, Zaria, June 14th, 2012.

19. Alfa MI, Adie DB, Igboro SB and **Dahunsi SO** (2012). "Optimization of Biogas from Chicken Droppings with *Cymbopogon citratus* as Alternative Source for Household Energy Needs" Being a Paper Presented at the 8th Annual National Conference of the Society for Occupational Safety and Environmental Health (SOSEH) at the School of Postgraduate Studies, Ahmadu Bello University, Zaria, November 12th-15th, 2012.

20. Alfa MI, Adie DB, Igboro SB, **Dahunsi SO** and Akali DM (2012). "Utilization of Anaerobic Digestion Effluent for Soil Fertility Improvement: An Assessment of the

Health Implications" Being a Paper Presented at the 8th Annual National Conference of the Society for Occupational Safety and Environmental Health (SOSEH) at the School of Postgraduate Studies, Ahmadu Bello University, Zaria, November 12th-15th, 2012.

21. **Dahunsi SO** (2012).Bioengineering of anaerobic digester and the Mesophilic Biodigestion of food waste and human excreta for biogas production. TWAS/BiovisionNxt 2012 Biennial Conference, Alexandria, Egypt, 20th -25th April, 2012.

22. **Dahunsi SO** and Oranusi US (2011).Biochemical profile of *Clarias gariepinus* exposed to sub-lethal concentrations of chemical additives effluent. Second International Conference on Science, Culture and Sustainable Development, Salle Audio Visuelle, Universite Nationale Du Benin, Abomey-Calavi, Cotonou, Republic of Benin, August 24th – 25th , 2011.

23. **Dahunsi SO** and Oranusi US (2011) Toxicological effects of synthetic resin effluent on the Haematological indices of *Clarias gariepinus*. Fourth International Conference on Research and Development, University of Lome, Lome, Togo. May 31st – June 3rd, 2011.

Student's Project Supervision:

i. Postgraduate:-

S/N	Student's name	Project title	Institution	Level of Study	Level of Supervision	Status	Completion Year
1.	IBITOWA, Olayinka Ahmed	Production of Levulinic acid from Lignocellulosic Biomass	Federal University of Technology, Akure, Nigeria	PhD	Co-Supervisor	On-going	
2.	ODEKANLE Ebenezer Leke	Anaerobic digestion and characterization of solid wastes from an abattoir in Nigeria	Obafemi Awolowo University, Ile-Ife, Nigeria	PhD	Co-Supervisor	**Completed**	2019
3.	OLAWUNI, Oluwagbenga Abiola	Evaluation and Characterization of Biogas Production from Co-digestion of Organic Wastes	Obafemi Awolowo University, Ile-Ife, Nigeria	MSc	Co-Supervisor	**Completed**	2020

ii. Undergraduate:-

S/N	Student's name	Project title	Department	Year
1.	Oluwaseni Peace Ayoola	Soil fertility improvement and performance of Okra (*Abelmoschus_esculentus)* using Cow dung digestate as Biofertilizer	Microbiology	2019
2.	Adekanye Joy Ayoola	Performance Assessment of Cucumber in Hydroponics systems using liquid fertilizer from *Arachis hypogeae* biomass	Microbiology	2019
3.	Dele-Yaro Damilola David	Optimization of biogas generation from the anaerobic digestion of *Pennisetum_purpureum* (Elephant grass)	Microbiology	2018
4.	Aderibigbe Victor	Optimization of biogas generation from the anaerobic digestion of *Pennisetum_purpureum* (Elephant grass) and piggery dung	Agricultural Engineering	2018
5.	Bright Princess Chidiuto	Biogas Generation from Thermo-alkaline Pre-treated Sorghum Stalk	Microbiology	2018
6.	Daodu Gladys Opeyemi	Soil fertility improvement and performance of Okra(*Abelmoschus_esculentus)* using *Kola nitida* anaerobic digestate as Biofertilizer	Microbiology	2018
7.	Onagaumah Emoshioke Maryam	Pretreatments of *Pennisetum purpureum* (Elephant grass) for Biofertilizer Production	Microbiology	2017
8.	Ogunrinola Grace Ayooluwa	Soil Fertility Improvement and Performance of Tomatoe Plant Using the Anaerobic Digestate of *Tithonia diversifolia* as Biofertilizer	Microbiology	2016
9.	Ashonibare Victory Jesutoyosi	Anaerobic Digestion of *Tithonia diversifolia* (Mexican Sunflower) Shoot for Biogas Generation and its Optimization	Microbiology	2016
10.	Oni Omololu Tobiloba	Optimization of Biogas generation from *Tithonia diversifolia*	Chemical Engineering	2015
11.	Oba Olamide Deborah	Anaerobic Digestion of *Chromolaena odorata* Shoot for Biogas Generation	Microbiology	2015
12.	Oloyede Precious Funmilayo	Anaerobic Mono-Digestion of *Carica papaya* (Pawpaw)Peels for Biogas Generation	Microbiology	2015
13.	Eritomi Otega	Biogas Generation from pods of *Theobroma cacao*	Microbiology	2015
14.	Ogah Sarah Owayemen	Biogas Generation from Pineapple peels and Food Wastes	Microbiology	2014
15.	Ogundeji Mololuwa Debby	Biogas Generation from Watermelon peels and Food Wastes	Microbiology	2014

External Examination and Assessment

S/N	Student's Name	Thesis Title	Institution	Level of Study	Year
1.	OGUNMODEDE, Oluwatosin Ezra	Assessment of the Characteristics and Potentials of Selected Agro-wastes in Biogas Production in Nigeria	Obafemi Awolowo University, Ile-Ife, Nigeria	MSc	2020

Special Honours

- **International Committee Member,** 3rd International Conference on Sustainable Energy and Environment Protection (ICSEEP 2018) Dalian, China, 20th to 22nd July, 2018

- **Session Chair** on Energy (Gasification and Pyrolysis) at the 2nd International Conference on Bioresource, Energy, Environment and Material Technology (BEEM2018), Daemyung Resort, Hongcheon-Gun, Gandwon-do, South Korea 10th to 13th June, 2018.

Distinctions/Awards:-

- **Winner of the Prestigious National Young Scientist Prize in Microbiology in Nigeria,** 2018
- **Overall Best Graduating Doctoral Student** in Covenant University, 2017
- **Best Graduating Doctoral Student** in the College of Science and Technology, Covenant University, 2017
- **Research Visibility Award** 2018, Landmark University, Omu-Aran, Nigeria
- **Outstanding Academic Staff** of College of Science and Engineering, Landmark University, Omu-Aran, Nigeria, 2016-2017 academic session
- **Dean's Merit Award,** College of Science and Engineering, Landmark University, Omu-Aran, Nigeria, 2016-2017 academic session
- **University Overall Best Researcher Award,** 2015/2016 Academic Session, Landmark University, Omu-Aran, Nigeria
- **Best Lecturer in Microbiology Award**, 2015/2016; 2014/2015; 2013/2014 Academic Sessions, Landmark University, Omu-Aran, Nigeria.
- College of Science and Engineering **Award for Publications** in High Impact Journals 2016/2017, 2015/2016 and 2014/2015 academic sessions, Landmark University, Omu-Aran, Nigeria.

Grants:-

- **Travel Grant** to attend Gordon Research Seminar (GRS): Applied and Environmental Microbiology (Microbial Language: Microbes, Molecules and Metabolites)**,** Mount Holyoke College**,** 50 College Street**,** South Hadley, Massachusetts, Boston, United States of America 13th to 14th July, 2019.

- **Travel Grant** to attend Gordon Research Conference (GRC): Applied and Environmental Microbiology (Shaping the Earth's Microverse)**,** Mount Holyoke College**,**

50 College Street**,** South Hadley, Massachusetts, Boston, United States of America **14**th to **19**th July, 2019.

- **Grant for Research and Publications in High Impact Journals** by Ton Duc Thang University, Ho Chi Minh City, Republic of Vietnam, tenable at Landmark University, Nigeria, April, 2018 to March, 2020

- Academy of Science for Developing World (TWAS) and Bibliotheca Alexandrina (BA) **Travel Grant** to TWAS/BioVisionAlexandria.NXT 2012 and BioVisionAlexandria Conferences, Alexandria, Egypt, April, 2012.

Fellowships:-

- INSA JRD-TATA Fellowship tenable at the Centre for Energy and Environment, Malaviya National Institute of Technology (Institute of National Importance through act of Parliament, Govt. of India), JLN Marg, Jaipur-302 017, Rajasthan, India, 2019.

- The World Academy of Science (TWAS) and Deutsche Forschungsgemeinschaft (DFG) **Visiting Scientists Fellowship** (Cooperation Visit Programme) tenable at the Group of Microbiology of Anaerobic Systems (MicAS), Department of Environmental Microbiology, Helmholtz Centre for Environmental Research, GmbH–UFZ, and the German Biomass Research Centre-DBFZ, Permoserstraße 15, 04318 Leipzig, Germany, 2018.

Academic Collaborations and Linkages:-

- Helmholtz Center for Environmental Research – UFZ, Permoserstraße 15, 04318 Leipzig, Germany (Working in collaboration with Dr. Sabine Kleinsteuber to be contacted at sabine.kleinsteuber@ufz.de)

- Ton Duc Thang University, Ho Chi Minh City, Vietnam (Working as an **International Expert** with the Sustainable Management of Natural Resources and Environment Research Group, Faculty of Environment and Labour Safety)

- All Saints University, St. Vincent and the Grenadines (Working in collaboration with Dr. Owolabi Joshua Babatunde to be contacted at joshua@owolabi.us)

- Universidade Federal de Vicosa, Minas Gerais, Brazil (Working in collaboration with Professor Allison Carraro Borges of the Agricultural Engineering Department to be contacted at borges@ufv.br)

- University of Cardiz, Spain (Working in collaboration with Dr. Zahedi Soraya to be contacted at szahedi@icra.cat)

- University of Valladolid, Spain (Working in collaboration with Professor Raul Munoz to be contacted at mutora@iq.uva.es)

- Renewable Energy Research Cluster, Ahmadu Bello University, Zaria, Nigeria

- Renewable Energy Research Cluster, Covenant University, Ota, Nigeria.

University's Administrative Services:-

- ✓ **Director,** Vice-Chancellor's Office, Landmark University, Omu-Aran, 2018 till date
- ✓ **Member,** Landmark University Senate, 2018 till date
- ✓ **Member,** Landmark University Senate Business Committee (SBC), 2018 till date
- ✓ **Member,** Landmark University Industrial Linkage Committee, 2019 till date
- ✓ **Member,** Landmark University Quality Assurance Committee, 2019 till date
- ✓ **Member,** Landmark University Waste to Wealth and Energy Initiative (LUWWEI), 2019 till date
- ✓ **Member,** Landmark University Bamboo Initiative Committee, 2019 till date
- ✓ **Member,** Landmark University Accreditation Committee, 2019 till date
- ✓ **Chair,** Landmark University Biofertilizer and Organic Agriculture Project Committee
- ✓ **Secretary,** Landmark University Africa Centre of Excellence (LMU-ACE) Proposal Committee
- ✓ **Member,** Landmark University Research Advisory Board
- ✓ **Member,** Landmark University's Pricing, Project costing and Tender Review Committee, 2016/2017
- ✓ **Chair,** College of Science and Engineering Convocation Hooding Committee 2016/2017, 2015/2016 and 2014/2015 academic sessions
- ✓ **Member,** College of Science and Engineering Convocation Hooding Committee 2013/2014 academic session
- ✓ **Member,** College of Science and Engineering Week Planning Committee, 2016/2017, 2015/2016and 2014/2015 academic sessions
- ✓ **Level Adviser,** 100 and 300 Levels 2013 till date
- ✓ **Chair,** Student-Staff Orientation Meetings Program Development Committee (Biological Sciences Department), 2016/2017 session
- ✓ **Coordinator,** Student Industrial Work Experience Scheme (SIWES), Microbiology Program, 2017-2018
- ✓ **Coordinator,** Final Year Student's Seminar, Microbiology Program, 2017-2018
- ✓ **Coordinator,** Final Year Student's Project, Microbiology Program, 2017-2018
- ✓ **Chair,** Departmental Practical Manual Review Committee, 2015-2016
- ✓ **Coordinator,** Staff Seminar (Biological Sciences Department), 2016-2018
- ✓ **Secretary**, Medical Laboratory Science Programme Development Committee, 2015

Monotechnic's Administrative Services:-

- **Chair,** Central Examination Committee, 2012-2013
- **Member,** Accreditation Committee, 2012-2013
- ***Ag.* Head,** Environmental Health Department, 2011-2013
- **Member,** Board of Examiners, 2010-2013

Public Presentations:-

- **Dahunsi SO** (2020). Update on Research and Scopus Publication Drive of Landmark University, Nigeria. Presented at the Faculty Fellowship, Landmark University, 6th March 2020.
- **Dahunsi SO** (2019). The Demands of Quality Research and Publishing in Credible Outlets. Presented at the Library Research Day Program, Landmark University, 5th August 2019
- **Dahunsi SO** (2019). Collaborative Research: The Group of Microbiology of Anaerobic Systems (MicAS) and Landmark University (LMU) Nexus. Presented at the group meeting of the Group of Microbiology of Anaerobic Systems (MicAS), Department of Environmental Microbiology, Helmholtz Center for Environmental Research – UFZ, Permoserstraße 15, 04318 Leipzig, Germany, 8th May 2019
- **Dahunsi SO** (2019). Unrelenting Scopus Drive in CBS: Demands of Quality Research and Publishing in Credible Outlets. Presented at the College of Business and Social Sciences Seminar Series, Landmark University, 14th March 2019
- **Dahunsi SO** (2019). Unrelenting Scopus Drive: Demands of Quality Research and Publishing in Credible Outlets. Presented at the College of Engineering Seminar Series, Landmark University, 27th February 2019
- **Dahunsi SO** (2019). Citation: LMU Research influence on new knowledge and ideas. Presented at the Faculty and Staff Advance Program for the 2018/2019 Omega Semester, 11th January 2019
- **Dahunsi SO** (2018). Man and Microbes: Exploring the Environmental Sustainability Nexus. Presented at the College of Engineering Seminar Series, Landmark University, 13th November 2018
- **Dahunsi SO** (2018). LMU Scopus Publications update. Presented at the Friday Faculty Fellowship, 9th November 2018
- **Dahunsi SO** (2018). LMU 2018 Publications update. Presented at the Friday Faculty Fellowship, 19th October 2018
- **Dahunsi SO** (2018). LMU Research, Publications and Ranking: The Journey so far. Presented at the Friday Faculty Fellowship, 5th October 2018
- **Dahunsi SO** (2018). Man and Microbes: Exploring the Environmental Sustainability Nexus. Being a **Mini Inaugural** Presented at the 8th National Conference of the Nigeria Young Academy (NYA) at the University of Medical Sciences (UNIMED), Ondo, Ondo State, Nigeria, 29th August 2018
- **Dahunsi SO** (2018). Research Engagement, Scopus Acceptability and Community Impact of LMU's Faculty: A Tripod parameter for Asserting Relevance in LMU.

Presented at the Faculty Advance Program for the 2018/2019 Alpha Semester, 15th August 2018

- **Dahunsi SO** (2018). What Editors and Reviewers look for in your manuscript? Presented at the Research Boot Camp for junior academics, Landmark University, 6th January 2018
- **Dahunsi SO** (2017). From Biomass to Biofertilizer: A Current Trend in Agricultural Productivity. Presented at the Staff Seminar Series, Department of Biological Sciences, Landmark University, 25th October 2017
- **Dahunsi SO** (2017). Attitude to work. Presented at the Students Industrial Work Experience Scheme (SIWES) Orientation Program for 300 and 400 Level Students at Landmark University, 27th September 2017

Community Services and Impact:-

- **Guest Speaker** on the topic "The Change Agents" at the graduation ceremony of Ogbo Grammar School, Omu-Aran, 25th July, 2018
- **Guest Speaker** on the topic "Life after the Service year" at the Nigerian Christian Corpers Fellowship, Omu-Aran Zone, 24th October, 2016
- **Guest Speaker** on the topic "The Girl Child and the Society" at the graduation ceremony of Federal Government Girls College, Omu-Aran, 24th July, 2015
- **Guest Speaker** on the topic "A Life of Impact" at the Nigerian Christian Corpers Fellowship, Omu-Aran Zone, 30th June, 2015
- **Guest Speaker** on the topic "The Impact of Science on Society" at the 2013 Science Week of Thomas Adewumi International College (TAICO), Oko, Kwara State, 4th November, 2013.

Membership of Professional Bodies:-

- **Member**, International Solid Waste Association [ISWA]
- **Member,** Ecological Society of America [ESA]
- **Member,** International Association for Ecology [INTECOL]
- **Member**, Nigerian Society of Experimental Biology [NISEB]
- **Member**, Nigerian Society for Microbiology [NSM]
- **Member**, Nigeria Institute of Management [NIM]
- **Member,** Society of Toxicology [SOT]
- **Member,** Young Professionals Platform for Agricultural Research for Development
- **Member,** American Society for Microbiology [ASM]
- **Member,** European Federation of Biotechnology

Peer Recognition:-

i. Reviewing Activities:

- **Reviewer,** *Scientific Reports* **(Nature)**
- **Reviewer,** *Energy and Fuels* **(American Chemical Society)**
- **Reviewer,** *Oxford Bibliographies* **(Oxford University Press)**
- **Certified Outstanding Reviewer,** *Journal of Cleaner Production* **(Elsevier)**
- **Certified Outstanding Reviewer,** *Process Safety and Environmental Protection* **(Elsevier)**
- **Certified Outstanding Reviewer,** *Engineering Science and Technology* **(Elsevier)**
- **Certified Recognized Reviewer,** *Applied Energy* **(Elsevier)**
- **Certified Recognized Reviewer,** *Water Research* **(Elsevier)**
- **Certified Recognized Reviewer,** *Energy Conversion and Management* **(Elsevier)**
- **Certified Recognized Reviewer,** *Journal of Environmental Management* **(Elsevier)**
- **Certified Recognized Reviewer,** *Journal of Hazardous Materials* **(Elsevier)**
- **Certified Recognized Reviewer,** *Chemosphere* **(Elsevier)**
- **Certified Recognized Reviewer,** *Biomass and Bioenergy* **(Elsevier)**
- **Certified Recognized Reviewer,** *International Journal of Hydrogen Energy* **(Elsevier)**
- **Certified Recognized Reviewer,** *Fuel* **(Elsevier)**
- **Certified Recognized Reviewer,** *Heliyon* **(Elsevier)**
- **Reviewer,** *Bioresource Technology* **(Elsevier)**
- **Reviewer,** *Renewable Energy* **(Elsevier)**
- **Reviewer,** *Waste Management* **(Elsevier)**
- **Reviewer,** *Biochemical Engineering Journal* **(Elsevier)**
- **Reviewer,** *International Journal of Food Microbiology* **(Elsevier)**
- **Reviewer,** *Gene Reports* **(Elsevier)**
- **Reviewer,** *Biomass Conversion and Biorefinery* **(Springer Nature)**
- **Reviewer,** *BioEnergy Research* **(Springer Nature)**
- **Reviewer,** *Journal of Environmental Science and Technology* **(Springer Nature)**
- **Reviewer,** *Environmental Monitoring and Assessment Journal* **(Springer Nature)**
- **Reviewer,** *Exposure and Health Journal* **(Springer Nature)**
- **Reviewer,** *Waste and Biomass Valorization Journal* **(Springer Nature)**
- **Reviewer,** *Water, Air and Soil Pollution Journal* **(Springer Nature)**
- **Reviewer,** *Energy Sources, Part A* **(Taylor and Francis Group)**
- **Reviewer,** *Desalination and Water Treatment* **(Taylor and Francis Group)**
- **Reviewer,** *Preparative Biochemistry and Biotechnology* **(Taylor and Francis Group)**
- **Reviewer,** *International Journal of Energy Research* **(Wiley Online)**
- **Reviewer,** *Engineering Reports* **(Wiley Online)**
- **Reviewer,** *The Open Agriculture Journal* **(Bentham Publishers)**
- **Reviewer,** *The Open Microbiology Journal* **(Bentham Publishers)**
- **Reviewer,** *BioResources* **(North Carolina State University)**
- **Reviewer,** *Revista Ambiente & Água* **(Scielo, Brazil)**

ii. Editorial Activities:

- ✓ **Journal Editor** (Biomass & Biofuel), *Open Agriculture*, 2020
  Journal Metrics:-
  Publisher: Walter de Gruyter Publishers
  Indexing: Clarivate Analytics and Scopus
  Impact Factor: Nil
  CiteScore: 0.78
  SCImago Journal Rank (SJR): 0.248
  Source Normalized Impact per Paper (SNIP): 0.916
  Percentile: 51%

- ✓ **Section Editor** (Renewable Energy/Biofuels), *Recent Patents on Biotechnology*, 2019 (https://benthamscience.com/journals/recent-patents-on-biotechnology/editorial-board/
  Journal Metrics:-
  Publisher: Bentham Publishers
  Indexing: Scopus
  Impact Factor: Nil
  CiteScore: 0.78
  SCImago Journal Rank (SJR): 0.239
  Source Normalized Impact per Paper (SNIP): 0.260
  Percentile: 27%

- ✓ **Executive Guest Editor**, *The Open Biotechnology Journal*, 2019
  Journal Metrics:-
  Publisher: Bentham Publishers
  Indexing: Scopus
  Impact Factor: Nil
  CiteScore: 0.49
  SCImago Journal Rank (SJR): 0.162
  Source Normalized Impact per Paper (SNIP): 0.199
  Percentile: 20%

- ✓ **Academic Editor,** *Annual Research and Review in Biology Journal* (http://www.sciencedomain.org) 23/06/2017-22/06/2021
- ✓ **Academic Editor,** *Asian Journal of case Report in Medicine and Health* (http://www.sciencedomain.org) 01/02/2018-31/01/2022
- ✓ **Editor,** *British Biotechnology Journal* (http://www.sciencedomain.org)

Extra-curricular Activities:-
Writing, Travelling and Motivating

Names and Addresses of Referees:-

1. Professor Solomon U. Oranusi,
Department of Biological Sciences,
Microbiology Unit,
Covenant University, Ota,
Ogun State, Nigeria
E-mail: solomon.oranusi@covenantuniversity.edu.ng
Phone number: +2348065299155

2. Professor Alisson Carraro Borges,
Department of Environmental and Agricultural Engineering,
Universidade Federal de Vicosa,
Minas Gerais, Brazil
E-mail: borges@ufv.br
Phone number: +31 3899-1914

3. Dr. Sabine Kleinsteuber,
Head of Group Microbiology of Anaerobic Systems (MicAS)
Department Umweltmikrobiologie / Environmental Microbiology
Helmholtz-Zentrum für Umweltforschung GmbH - UFZ
Helmholtz Centre for Environmental Research GmbH - UFZ
Permoserstraße 15, 04318 Leipzig, Germany
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sabine.kleinsteuber@ufz.de
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27/04/2020.

I review for: Energy Conversion and Management

ELSEVIER

I review for: Journal of Environmental Management

ELSEVIER

I review for: Journal of Hazardous Materials

ELSEVIER

I review for: Process Safety and Environmental Protection

ELSEVIER

I review for: Journal of Cleaner Production

ELSEVIER

I review for: Engineering Science and Technology, an International Journal

ELSEVIER

I review for: Heliyon

ELSEVIER

I review for: International Journal of Hydrogen Energy

ELSEVIER

I review for: Applied Energy

ELSEVIER

I review for: Water Research

ELSEVIER

I review for: Biomass and Bioenergy

ELSEVIER

I review for: Fuel

ELSEVIER

I review for: Chemosphere

ELSEVIER