

PUBLICATIONS (SEPTEMBER 2026)

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PUBLICATIONS

Books - 7

Book Chapters - 4

Journal Papers - 30

Conference Papers - 45

Media Communications - 12

Published Abstracts - 11

Registered Articles - 1

Scopus indexed - 28

Total number of full scientific publications listed as author - 82

Total number of full publications listed as author (with media communications e.g. magazine) - 95

Number of publications listed as the first author - 69

Number of publications listed as the last author - 3

Number of publications listed as the first and last author - 73

Books

1. David Ailars, Gloria Ajani, Anthony Akpan, Joseph Ansong, Frederic Bonou, Riaan Cedras, Alessia Dinoi, Abdulrahman Dirie, Isa O. Elegbede, Juliet K. Igbo, Ogunrai Jumoke, Deepeeka Kaullysing, Anim Mabel, Frank Mirobo, Aina L-D. Nomenisoa, Isaac Nyameke, Ngozi Oguguah, Titus Ogunseye, Idowu Olayemi, **Funmilola Oluwafemi**, Derrick Omollo, Frank Owusu, Alberta Ama Sagoe, Mouneshwar Soondur, Ramah Sundy, Rachel Thoms (2022). United Nations Ocean Decade for Africa: The science we need for the ocean we want in Africa. Western Indian Ocean Marine Science Association / Intergovernmental Oceanographic Commission's Sub Commission for Africa and the Adjacent Island States, UNESCO Regional Office for Eastern Africa [WIOMSA / IOC AFRICA UNESCO], Zanzibar, Tanzania. 56 pp. www.wiomsa.org
2. **Funmilola Adebisi Oluwafemi** and Ropo Afolabi Olubiye (2019). Education and Capacity Building on Water Management and Protection. Lap Lambert Academic Publishing, trademark of International Book Market Service Limited, member of OmniScriptum Publishing Group, 17 Meldrum Street, Beau Bassin 71504, Mauritius. ISBN-13: 978-620-0-47596-1. ISBN-10: 6200475962. EAN: 9786200475961. 60pgs <https://www.morebooks.de/store/gb/book/education-and-capacity-building-on-water-management-and-protection/isbn/978-620-0-47596-1>.
3. **Funmilola Adebisi Oluwafemi** (2019). Transcription Factors in Cellular Response to Oxidative Stress. Lap Lambert Academic Publishing, trademark of International Book Market Service Limited, member of OmniScriptum Publishing Group, 17 Meldrum Street, Beau Bassin 71504, Mauritius. ISBN-13: 978-620-0-09303-5. ISBN-10: 6200093032 EAN: 9786200093035.104pgs <https://www.morebooks.de/store/gb/book/transcription-factors-in-cellular-response-to-oxidative-stress/isbn/978-620-0-09303-5>.
4. **Funmilola Oluwafemi** and Ropo Olubiye (2019). GIS and Remote Sensing for Water Sectors in Developing Nations. Lap Lambert Academic Publishing, trademark of International Book Market Service Limited, member of OmniScriptum Publishing Group, 17 Meldrum Street, Beau Bassin 71504, Mauritius. ISBN-13: 978-613-9-45816-5. ISBN-10: 6139458161. EAN: 9786139458165. 47pgs <https://www.morebooks.de/store/gb/book/gis-and-remote-sensing-for-water-sectors-in-developing-nations/isbn/978-613-9-45816-5>.

5. **Funmilola Adebisi Oluwafemi (2018)**. Space Science and Technology in Economic Prosperity. Lap Lambert Academic Publishing, trademark of International Book Market Service Limited, member of OmniScriptum Publishing Group, 17 Meldrum Street, Beau Bassin 71504, Mauritius. ISBN-13: 978-613-9-97995-0. ISBN-10: 6139979951. EAN: 9786139979950. 52pgs <https://www.morebooks.de/store/gb/book/space-science-and-technology-in-economic-prosperity/isbn/978-613-9-97995-0>.
6. **Funmilola Adebisi Oluwafemi** and Ropo Afolabi Olubiyi, (2018). Remote Sensing for Agricultural Water Management in Developing Nations. Lap Lambert Academic Publishing, trademark of International Book Market Service Limited, member of OmniScriptum Publishing Group, 17 Meldrum Street, Beau Bassin 71504, Mauritius. ISBN-13: 978-613-9-90747-2. ISBN-10: 6139907470. EAN: 9786139907472. 42pgs <https://www.morebooks.de/store/gb/book/remote-sensing-for-agricultural-water-management-in-developing-nations/isbn/978-613-9-90747-2>.
7. **Funmilola Oluwafemi (2018)**. Microgravity Research Applications in Life Sciences Using Clinostat. Lap Lambert Academic Publishing, trademark of International Book Market Service Limited, member of OmniScriptum Publishing Group, 17 Meldrum Street, Beau Bassin 71504, Mauritius. ISBN-13: 978-613-9-90145-6. ISBN-10: 6139901456. EAN: 9786139901456. 50 pgs <https://www.morebooks.de/store/gb/book/microgravity-research-applications-in-life-sciences-using-clinostat/isbn/978-613-9-90145-6>.

Book Chapters

8. Olajumoke Akinola, **Funmilola A. Oluwafemi**, Ernest Afohgbon (in press) (2027). Spatial Prioritization of Agroforestry for Carbon Sequestration Using GIS-Based Multi-Criteria Decision Analysis. In: Handbook of Carbon Negative Footprint Materials. Boris I. Kharisov and Oxana V. Kharissova (Ed.). Springer Nature (Review article)
9. **Funmilola A. Oluwafemi**, Ropo A. Olubiyi-Oluwafemi (2025). Spaceflight hygiene: A Keynote for Space Travelers and Spacecraft Designers (Chapter 32). In: Precision Medicine for Long and Safe Permanence of Humans in Space. Chayakrit Krittanawong (Ed.). Elsevier Sciences Inc.: Academic Press; RELX India Private Limited. (Formerly Reed Elsevier India Private Limited, Chennai, India). ISBN: 978-0-443-22259-7. PP. 563-592. <https://doi.org/10.1016/B978-0-443-22259-7.00020-5> ; <https://www.sciencedirect.com/science/article/abs/pii/B9780443222597000205> (Review article; Scopus indexed)
10. **Oluwafemi F.A.**, Olubiyi, R.A., Adeleke, O.A., Ola-Fadunsin, F.J., Ologun-Adeleke, M.A. (2022). Remote Sensing Application in Agricultural Water Management: Example from Africa (Chapter 12). In: Geospatial Sciences, Environmental Management and Security in Africa. Joseph Oloukoi, Adewale O. Akingbade, Ozien P. Mamudu, Glory O. Enaruvbe (Ed.). Publication of African Regional Institute for Geospatial Science and Technology (AFRIGIST), AFRIGIST Research Group on 'Environment, Water Resources Management and Climate Change', Obafemi Awolowo University Campus, Ile-Ife, Nigeria. Printed by Jogma Prints and Technologies LTD. ISBN: 978-978-59025-0-1. pp. 221-240. https://www.researchgate.net/publication/366987336_Remote_Sensing_Application_in_Agricultural_Water_Management_Example_from_Africa (Review article)
11. **Funmilola Oluwafemi (2022)**. Space Food on Celestial Bodies and on the Way There (Chapter 26). In: Future Foods: Global Trends, Opportunities and Sustainability Challenges. Rajeev Bhat (Ed.). Elsevier Sciences Inc.: Academic Press; Wiley Blackwell, Oxford, UK. Book ISBN: 978-0-323-91001-9. pp. 451-468. <https://doi.org/10.1016/B978-0-323-91001-9.00012-8> ; <https://www.sciencedirect.com/science/article/abs/pii/B9780323910019000128?via%3Dihub> (Review article; Scopus indexed)

Journal Papers

12. Benjamin G. Ayantunji, **Funmilola A. Oluwafemi**, Solomon O. Omale, Blessed C. Anyanwu, Kemi B. Doherty and Oladunjoye S. Tomori (2026). An Empirical Analysis of the Variation of Precipitation Patterns in the Sahara Desert and their Environmental Consequences. Global South and Sustainable Development Journal. 1(1), 15. <https://www.sciltp.com/journals/gssd/articles/2604003761> ; <https://doi.org/10.53941/gssd.2026.100015>

13. Kenneth Uchua, John Essien, Adamson Oloyede, **Funmilola Oluwafemi**, Williams Adaji-Agbane, Uche Ekeson, Dapo Olatunbosun, Chiemeka Nsofor, Nazifa Bauka, Tijesuni Ogunrombi (2025). Space Based Multicriteria Analytics with Hybrid Weighting for Flood Risk Management. Discover Analytics. 3:13. <https://doi.org/10.1007/s44257-025-00043-4> ; https://link.springer.com/article/10.1007/s44257-025-00043-4?utm_source=rct_congratemail&utm_medium=email&utm_campaign=oa_20250922&utm_content=10.1007/s44257-025-00043-4 (Research article; Scopus indexed)
14. **Funmilola A. Oluwafemi**, Omodele Ibraheem, Afolabi R. Olubiyi (2025). Improved Biochemical Properties of Roots of Selected Economic Crops after Simulated Microgravity Impact. Frontiers in Space Technology. 6. <https://www.frontiersin.org/journals/space-technologies/articles/10.3389/frspt.2025.1552919/full> ; <https://doi.org/10.3389/frspt.2025.1552919> (Research article)
15. **Funmilola A. Oluwafemi**, Funmitan N. Oyetunde, Empress O. Okhuelegbe, Doris E. Isokpan, Rita I. Hanson-Akpan, Omede Ameh, Benjamin G. Ayantunji (2024). Space Life Sciences a Critical Aspect of Space Research: A Case Study of the Antioxidant Activity of Gravity and Simulated Microgravity Seedlings Root of Cowpea. NASRDA International Journal of Space Technology and Earth Science 1(1), 30-38. https://www.researchgate.net/publication/387175372_Space_Life_Sciences_a_Critical_Aspect_of_Space_Research_A_Case_Study_of_the_Antioxidant_Activity_of_Gravity_and_Simulated_Microgravity_Seedlings_Root_of_Cowpea (Research article)
16. Eje O.E., **Oluwafemi F.A.**, Onoyima, C.S., Uzochina J.O., Oni G.J., Ogbonna V.C., Ozioko N.S. (2024). Molecular Mechanism and Pathological Effects of Strain Specificity in Prion Infection. Journal of Chemical Reviews 6(3), 379-402. <https://doi.org/10.48309/JCR.2024.455936.1327> . https://www.jchemrev.com/article_200250.html . https://www.jchemrev.com/article_200250_6b2cb1871fa33e499acb5ef27079feaa.pdf (Review article; Scopus indexed)
17. **Oluwafemi F.A.** and Oyewole O.O. (2022). Measurement of Growth Rate of Rice (*Oryza sativa*) Seedlings under Gravity and Simulated Microgravity Conditions. Journal of Voice of Women in the Development of Agriculture (VOWDA) 1 (2): 52-59. https://www.researchgate.net/publication/366989846_Measurement_of_Growth_Rate_of_Rice_Oryza_sativa_Seedlings_under_Gravity_and_Simulated_Microgravity_Conditions (Research article)
18. **Oluwafemi F.A.**, Olalekan-Ajayi B.M., Rabi B.A., Ibraheem O., Lawal-Akinlami H.A. (2022). Microgravity Research in Biology and Biochemistry of Plants: A Review. Journal of Voice of Women in the Development of Agriculture (VOWDA) 1 (1): 76-86. https://www.researchgate.net/publication/360055391_Microgravity_Research_in_Biology_and_Biochemistry_of_Plants_A_Review (Review article)
19. **Funmilola A. Oluwafemi** and Adhithyan Neduncheran (2022). Analog and Simulated Microgravity Platforms for Life Sciences Research: Their Individual Capacities, Benefits and Limitations. Advances in Space Research. 69, 2921-2929. <https://doi.org/10.1016/j.asr.2022.01.007BN> ; <https://www.sciencedirect.com/science/article/abs/pii/S0273117722000199#> (Review article; Scopus indexed)
20. Paul O. Jaiyeola, **Funmilola A. Oluwafemi**, Abdullahi Ayegba, Irene E. Benibo (2021). Review of Negative Impact of Extreme Temperature Elevations on Plant Growth, Development and Crop Yield using Mathematical Equations. International Journal of Engineering and Applied Sciences (IJEAS). Volume-8, Issue-4, pg. 42-52. https://www.ijeas.org/download_data/IJEAS0804005.pdf (Review article)
21. **Oluwafemi, F.** (2021). Gravity Variation Effects on the Growth of Maize Shoots. Physical Sciences Forum (MDPI), Basel, Switzerland. 2, 21. <https://doi.org/10.3390/ECU2021-10184>. <https://www.mdpi.com/2673-9984/2/1/21#:~:text=This%20is%20evidence%20of%20gravitropism,turned%20sample%20bent%20vertically%20upwards> (Research article)
22. **Funmilola Oluwafemi** (2021). Improving the Psychological Status of Astronauts in Space and its Application to Humans on Earth. Journal of Brain, Behavior and Cognitive Sciences. Vol.4 No.5:7889. <https://www.imedpub.com/articles/improving-the-psychological-status-of-astronauts-in-space-and-its-application-to-humans-on-earth.php?aid=40834> (Review article)
23. **Funmilola Oluwafemi** (2021). Where is Our State of Health? **Editorial**. Journal of Clinical and Experimental Cardiology, Vol.12 Iss.4 No:1000e678. <https://www.longdom.org/open-access/where-is-our-state-of-health.pdf> (Review article)
24. **Funmilola Oluwafemi** (2021). Using the in-Space Astronaut Psychology Challenge as a Model to Solve Adolescent Mental Health Challenge. **Mini Review**. Journal of Child and Adolescent Psychiatry. Vol. 5. No. 3(S1): 1-2. <https://www.pulsus.com/abstract/using-the-inspace-astronaut-psychology-challenge-as-a-model-to-solve-adolescent-mental-health-challenge-8061.html> ; <https://www.pulsus.com/scholarly-articles/using-the->

- [inspace-astronaut-psychology-challenge-as-a-model-to-solve-adolescent-mental-health-challenge.pdf](#) (Review article)
25. **Funmilola A. Oluwafemi**, Stanley U. Akpu, Christiana B. Akomolafe, Bitiyong J. Billyok, Empress O. Okhuelegbe, Kemi B. Doherty, Ropo Olubiyi, Oluwafemi Adeleke, Lekan Oluwafemi, Olufemi A. Agboola (2021). Microgravity-Simulation of Plant Growth and its Implications to the Sustainable Development Goals. International Journal of Biomedical and Health Sciences (Nigerian Society for Experimental Biology) Vol.17, No.1, Pgs 19-33. IJBHS 2020076/17103, 0794-4748/2021. https://www.researchgate.net/publication/366987543_Microgravity-simulation_of_plant_growth_and_its_implications_to_the_Sustainable_Development_Goals (Research article)
 26. **Funmilola A. Oluwafemi**, Elizabeth Aregbe, Omede Ameh, Omodele Ibraheem, Funmitan Oyetunde, Empress O. Okhuelegbe, Ropo A. Olubiyi, Oluwafemi A. Adeleke, Olayemi A. Adeniyi, Lekan Oluwafemi, Olufemi A. Agboola (2021). Space as a Classic Environment for Microscopic and Anatomical Studies. International Journal of Biomedical and Health Sciences (Nigerian Society for Experimental Biology) Vol.17, No.1, Pgs 35-40. IJBHS 2020077/17104, 0794-4748/2021. https://www.researchgate.net/publication/366987625_Space_as_a_classic_environment_for_microscopic_and_anatomical_studies (Research article)
 27. **Funmilola A. Oluwafemi**, Rayan Abdelbaki, James C.-Y. Lai, Jose G. Mora-Almanza, Esther M. Afolayan (2021). A review of astronaut mental health in manned missions: Potential interventions' for cognitive and mental health challenges. Life Sciences in Space Research. Volume 28, Pages 26-31. <https://doi.org/10.1016/j.lssr.2020.12.002>. <http://www.sciencedirect.com/science/article/pii/S2214552420300870>. (Review article; Scopus indexed)
 28. Olatunji Paul Jaiyeola, Abdullahi Ayegba, **Funmilola A. Oluwafemi**, Irene Benibo (2020). Impact of Climate Change on Schizophrenia Patients with Sex Stratifications: Variability of Temperature and Relative Humidity Effect. International Journal of Scientific and Research Publications. Volume 10, Issue 11. <https://doi.org/10.29322/IJSRP.10.11.2020.p10763> ; <https://www.ijsrp.org/research-paper-1120.php?rp=P10710726> (Research article)
 29. Firdausi A. Abdulrashid, **Funmilola A. Oluwafemi**, Solomon J. Hussaini, Ishaya B. Daniel, Bashira Isah, Aliya Ademu, Augustine O. Otum, Alfred C. Polok, Charity O. Dumbiri (2020). Possible Solutions to the Effects of Space Environment on Astronauts' Physiology. London Journals Press. London Journal of Engineering Research (LJER). Volume 20, Issue 5, Compilation 1.0. https://www.researchgate.net/publication/366987736_Possible_Solutions_to_the_Effects_of_Space_Environment_on_Astronauts%27_Physiology (Review article)
 30. JohnPaul O. Enemali, **Funmilola A. Oluwafemi**, Solomon J. Hussaini, Ishaya B. Daniel, Omede Ameh, Abubakar Adamu, Olufemi A. Agboola (2020). Microgravity: A Tool for Protein Drug Development. International Journal of Pharmaceutical Sciences Review and Research, 64(2), Article No. 14, Pages: 82-86. <https://doi.org/10.47583/ijpsrr.2020.v64i02.014> (Review article)
 31. **Oluwafemi F.A.**, Ibraheem O., Fatoki T.H. (2020). Clinostat Microgravity Impact on Root Morphology of Selected Nutritional and Economic Crops. Plant Cell Biotechnology and Molecular Biology 21(43&44):92-104. <https://ikprress.org/index.php/PCBMB/article/view/5478> (Research article; Scopus indexed)
 32. Paul O. Jaiyeola, **Funmilola A. Oluwafemi**, Augustine O. Otum, Oladunjoye S. Tomori, Irene E. Bemibo, Abdullahi Ayegba (2020). Impact of Microgravity Environment on Body Mass: Case Study of Lizards. International Journal of Engineering and Applied Sciences (IJEAS), Volume-7, Issue-8. https://www.ijeas.org/download_data/IJEAS0708003.pdf (Research article)
 33. Jaiyeola O. Paul, Abdullahi S. Ayegba, **Oluwafemi A. Funmilola**, Esu S. Ulaetor (2020). Impact of Climate Change on Epileptic Patients with Sex Stratifications: Variability of Temperature and Relative Humidity Effects. International Journal of Trend in Research and Development (IJTRD), Volume 7 Issue 1. <http://www.ijtrd.com/papers/IJTRD21979.pdf> (Research article)
 34. Afolayan E.M, **Oluwafemi F.A.**, Jeff-Agboola E.O., Oluwasegun T., Ayankale J.O. (2019). Socio-Economic Benefits of Microgravity Research. Arid Zone Journal of Engineering, Technology and Environment (AZOJETE). Centre for Satellite Technology Development Special Issue: Space Science and Technology for Sustainable Development. Vol. 15(SP.i2):57-74. <https://www.azojete.com.ng/index.php/azojete/article/view/13> (Review article)
 35. **Oluwafemi F.A.** and Olubiyi R.A. (2019). Space Technology Applications for Water Quality in Sustainable Development. Arid Zone Journal of Engineering, Technology and Environment (AZOJETE). Centre for Satellite Technology Development Special Issue: Space Science and Technology for Sustainable Development. Vol. 15(SP.i2):100-109. <https://www.azojete.com.ng/index.php/azojete/article/view/16> (Review article)

36. **Oluwafemi F.A.** and Olubiyi R.A. (2019). Investigation of Corn Seeds Growth Under Simulated Microgravity. Arid Zone Journal of Engineering, Technology and Environment (AZOJETE). Centre for Satellite Technology Development Special Issue: Space Science and Technology for Sustainable Development. Vol. 15(SP.i2):110-115. <https://www.azojete.com.ng/index.php/azojete/article/view/17> (Research article)
37. Jaiyeola O. Paul, **Oluwafemi A. Funmilola**, Abdullahi S. Ayegba (2019). Microgravity and Infertility. International Journal of Trend in Scientific Research and Development (IJTSRD), 3(6):190-195. <https://www.ijtsrd.com/papers/ijtsrd29408.pdf> (Review article)
38. Jaiyeola O. Paul, **Oluwafemi A. Funmilola**, Abdullahi S. Ayegba (2019). Effects of Microgravity on Sexual Organs. International Journal of Trend in Scientific Research and Development (IJTSRD), 3(6):182-189. <https://www.ijtsrd.com/papers/ijtsrd29407.pdf> (Review article)
39. Aurthur Vimalachandran Thomas Jayachandran, Estephania Flores Aguilar, **Oluwafemi Funmilola Adebisi** (2019). Essential Space Policy for Small Satellites: An Important Measure and Urgencies. Aeron Aero Open Access J. 3(3):140–143. <https://doi.org/10.15406/aaaj.2019.03.00092> (Review article)
40. Aurthur Vimalachandran Thomas Jayachandran and **Oluwafemi Funmilola Adebisi** (2019). Lost in GNSS: A Need for Commercial Space Policy for Positioning, Navigation and Timing. Aeron Aero Open Access J. 3(3):134–138. <https://doi.org/10.15406/aaaj.2019.03.00091> (Review article)
41. **Funmilola Adebisi Oluwafemi**, Andrea De La Torre, Esther Morayo Afolayan, Bolanle Magret Olalekan-Ajayi, Bal Dhital, Jose G. Mora-Almanza, George Potrivitu, Jessica Creech, Aureliano Rivolta (2018). Space Food and Nutrition in a Long-Term Manned Mission. Springer Nature: Advances in Astronautics Science and Technology, Volume 1, 1-21. <https://doi.org/10.1007/s42423-018-0016-2>. <https://rdcu.be/bPumi>. (Research article; Scopus indexed)

Conference Papers

42. **Funmilola A. Oluwafemi**, Ropo A. Olubiyi (2025). Mitigating Light Pollution from Satellites: Materials and Technologies Needed for Sustainable Space Environment. United Nations/SKAO Workshop on Dark and Quiet Skies for Science and Society, Vienna International Centre (VIC), Vienna, Austria, 9-12 December 2025. Session 4 - role of academia and governmental organisations to foster mitigation actions. <https://indico.skatelescope.org/event/1307/contributions/12058/attachments/11244/20066/Oluwafemi20Nov.pdf>; <https://indico.skatelescope.org/event/1307/timetable/#20251210.detailed> (Review article).
43. **Funmilola A. Oluwafemi**, Ropo A. Olubiyi, Benjamin G. Ayantunji, Gbolaga Olanrewaju, Beverley C. Saungweme, Kimia Seyedmadani, Ebere Anya, Kumbirai N. Matingo (2025). Microgravity Platforms as Biotechnology Scaffolds for Socio-Economic Benefits: The Health Implications. IAC-25,A1,IP,15,x97357, Proceedings of the 76th International Astronautical Congress (IAC), Sydney, Australia, 29 September - 3 October, 2025 <https://doi.org/10.52202/083074-0062> (Review article; Scopus indexed)
44. Beverley C. Saungweme, **Funmilola A. Oluwafemi**, Muongeni T. Manda, Charlynne Jepkosgei (2025). Lessons from the African Union's Space Policy: Bridging the Gap Between Aspiration and Implementation. IAC-25,E11,IP,46,x95194, Proceedings of the 76th International Astronautical Congress (IAC), Sydney, Australia, 29 September - 3 October, 2025 <https://doi.org/10.52202/083107-0022> (Review article; Scopus indexed)
45. **Funmilola A. Oluwafemi**, Adetoun H. Akinlami, Babatunde A. Rabi, Lily R. Asongfac (2024). Improved Morphology and Biochemical Properties of Carrot's Roots After Simulated Microgravity Impact. IAC-24,A1,IP,31,x88977, Proceedings of the 75th International Astronautical Congress (IAC), Milan, Italy, 14-18 October, 2024. <https://iafastro.directory/iac/paper/id/88977/summary/> (Research article; Scopus indexed)
46. **Funmilola A. Oluwafemi**, Umang Jain, Daniella Factor, Kristi Acuff, Karthika R. Ramdoss, Lina Rico, James Lai, Nazmus Sadat, Roshan Nadeem (2024). The Socio-Economic Benefits of Gravity Variation Researches: A Case Study of Terrestrial Microgravity Platforms, Methods, and Examples for Life Sciences. IAC-24,E3,3,10,x83347, Proceedings of the 75th International Astronautical Congress (IAC), Milan, Italy, 14-18 October, 2024 <https://iafastro.directory/iac/archive/browse/IAC-24/E3/3/83347/> (Review article; Scopus indexed)
47. **Funmilola A. Oluwafemi**, Precious Debo-Ajagunna, Ropo A. Olubiyi, Tolulope Olayinka, Beverley C. Saungweme, Ruvarashe M. Muwonde, Florence Ibrahim, Dunamis Akande, Asma Betteka (2024). Mycotoxological Studies Under Microgravity: An Innovation for Food Safety and Security. IAC-24,A1,8,12,x83344, Proceedings of the 75th International Astronautical Congress (IAC), Milan, Italy, 14-18 October, 2024 <https://www.proceedings.com/078355-0071.html> (Review article; Scopus indexed)
48. Beverley C. Saungweme, Ilya V. Kudryavtsev, Maxim V. Brungardt, Philippa V. Udi, Ramson M. Nyamukondiwa, **Funmilola A. Oluwafemi** (2024). Analysis of the Impact of Thermal and Structural Dynamics on the Performance and Stability of Waveguides in Space-Based Communication Systems. IAC-

- 24,B2,IP,43,x81989, Proceedings of the 75th International Astronautical Congress (IAC), Milan, Italy, 14-18 October, 2024. <https://www.proceedings.com/078363-0111.html> (Research article; Scopus indexed)
49. **Funmilola Oluwafemi (2024)**. Microgravity Application: An Avenue to Boost Plant Growth and Nutrient for Economic Prosperity. United Nations Office for Outer Space Affairs (UNOOSA)/Brazilian Space Agency; Space Economy Masterclass Course, Session 5: Space Applications for Sustainable Development (Online), 26-27 September, 2024.
 50. **Funmilola A. Oluwafemi**, Andargachew Gedebo, Amsalu Gobena, Meseret Tesema, Ropo Olubiyi, Oluwafemi A. Adeleke, Tosin A. Oyewole, Lily R. Asongfac, Aurthur V.T. Jayachandran, Beverley Chelsea Saungweme (2023). Relationship Between Space Activities and Climate Smart Agriculture: The Soil Biochar Influence On Root Anatomy and Nodulation of Common Bean Genotypes. IAC-23,B1,6,8,x75774, Proceedings of the 74th International Astronautical Congress (IAC), Baku, Azerbaijan, 2-6 October, 2023. https://www.researchgate.net/publication/391515253_Relationship_Between_Space_Activities_and_Climate_Smart_Agriculture_The_Soil_Biochar_Influence_On_Root_Anatomy_and_Nodulation_of_Common_Bean_Genotypes (Research article; Scopus indexed)
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Note: This publication appears under my maiden surname, Adeleke and the short form of Funmilola is Funmi.

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