

PROFESSOR FREDDIE LISWANISO INAMBAO

PUBLICATION PROFILE

BOOK PUBLICATION

1. Semakula Maroa, **Freddie Inambao**, Pyrorated Blends, EGR, Experimental Numerical Approach and Performance, LAP LAMBERT Academic Publishing, © 2018 International Book Market Services Ltd, ISBN: 978-613-9-86722-6, www.omniscryptum.com, www.morebooks.de. 52 Pages.
2. Kumaresan Cunden and **Professor Freddie L. Inambao**, Design of a Novel Hydrokinetic Turbine for Ocean Current Power Generation, © 2017 Research India Publications, ISBN: 978-93-87374-23-2, www.ripublication.com
3. Adewumi Gloria Adedayo **Professor Freddie Inambao**, Reducing Noise From Wind Turbines Using Active Noise Control, © 2017 Research India Publications, ISBN: 978-93-87374-16-4
4. Owoputi Adefemi Oluwaniyi, **Professor Freddie Inambao**, Power Generation From Low-Grade Energy Source Using Organic Rankine Cycle Technology, © 2017, Research India Publications, ISBN: 978-93-87374-15-7, www.ripublication.com
5. Justin Edwin Naidoo, **Professor Freddie Inambao**, Modelling, Design and Analysis of a Water Jetpack Powered by an Autonomous Underwater Vehicle System, © 2017 Research India Publications, ISBN: 978-93-87374-11-9, www.ripublication.com
6. Dr. Ntumba Marc-Alain Mutombo **Professor Freddie Inambao** Dr. Remy Tiako Development of Neuro-Fuzzy Strategies for Prediction and Management of Hybrid PV- Proton Exchange Membrane Fuel Cell -Battery Systems, © 2017 Research India Publications, ISBN: 978-93-87388-06-2, www.ripublication.co
7. Tatenda Bvumbe and **Freddie Inambao** Solar Powered Cooling Systems for South Africa *Investigation of absorption cooling* ISBN978-3-639-76852-7, Scholars' Press is a trademark of OmniScriptum GmbH & Co. KG
8. Grace Kiarie and **Freddie Inambao** Energy Efficiency in Motor Vehicle Assembly Plant *Investigation of Energy Utilisation in Motor vehicle industries* ISBN 978-3-639-76990-6, Scholars' Press is a trademark of OmniScriptum GmbH & Co. KG

CHAPTERS IN BOOKS

1. Adewumi G.A., **Inambao F.**, Eloka-Eboka A., Sharifpur M., Meyer J. (2018) Investigation into the Electrical Conductivity of Carbon Nanosphere-Based Green Nanofluids. In: Sio-long Ao • Haeng Kon Kim Mahyar A. Amouzegar (eds) Transactions on Engineering Technologies. WCECS 2017. Springer, Singapore, DOI https://doi.org/10.1007/978-981-13-2191-7_6 Print ISBN 978-981-13-2190-0 Online 25 October 2018, Online ISBN 978-981-13-2191-7 eBook Packages: Engineering, Chapter 6, Pages 71-82. Total no. of Chapters 27, last page 391.

2. Abdusalam Sulaiman, **Freddie Inambao**, Glen Bright, Solar Energy as an Alternative Energy Source to Power Mobile Robots, Robot Intelligence Technology and Applications 2, Series Title: Advances in Intelligent Systems and Computing, Volume 274, 2014, pp 957-969, Copyright: 2014 DOI: 10.1007/978-3-319-05582-4_84, Print ISBN 978-3-319-05581-7, Online ISBN 978-3-319-05582-4, Series ISSN 2194-5357, Publisher Springer International Publishing.

PEER-REVIEWED PUBLICATIONS JOURNAL PUBLICATIONS

1. Kingsley Ukoba, Freddie Inambao and Andrew Eloka-Eboka, Optimising Aged Nanostructured Nickel Oxide Thin Films for Solar Cells Fabrication, Journal of Physical Science, Volume 30, No.1, 1–15, 2019, <https://doi.org/10.21315/jps2019.30.1.1> ISSN 1675-34029 (PRINT) 2180-4230 (ONLINE)
2. E. I. Onuh, F. Inambao & O. Awogbemi (2019): Performance and emission evaluation of biodiesel derived from waste restaurant oil and Moringa oleifera: A comparative study, (Manuscript ID TAEN-2019-0034), International Journal of Ambient Energy, DOI: 10.1080/01430750.2019.1594377 <https://doi.org/10.1080/01430750.2019.1594377> online: 20 Mar 2019
3. Oluwafemi E. Ige, Freddie L. Inambao and Gloria A. Adewumi, Biomass-Based Composites for Brake Pads: A Review, International Journal of Mechanical Engineering and Technology (IJMET) Volume 10, Issue 04, April 2019, pp.18–41, Article ID: IJMET_10_04_002 Available online at: <http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=10&IType=4> ISSN Print: 0976-6340 and ISSN Online: 0976-6359 © IAEME Publication Scopus Indexed
4. Maroa Semakula and Freddie Inambao, The Influence of Cetane Number and Oxygen Content in the Performance and Emissions Characteristics of a Diesel Engine Using Biodiesel Blends, International Journal of Mechanical Engineering and Technology (IJMET) Volume 10, Issue 04, April 2019, pp. 1–17, Article ID: IJMET_10_04_001 Available online at: <http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=10&IType=4> ISSN Print: 0976-6340 and ISSN Online: 0976-6359 © IAEME Publication Scopus Indexed
5. E. I. Onuh, F. Inambao and O. Awogbemi, (2019) Potential option for computational fluid dynamic (CFD) scheme in biodiesel studies: a review, International Journal of Mechanical Engineering and Technology (IJMET) Volume 10, Issue 03, March 2019, pp. 694-714. Article ID: IJMET_10_02_074 Available online at: <http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=10&IType=3> ISSN Print: 0976-6340 and ISSN Online: 0976-6359 © IAEME Publication Scopus Indexed

6. Andrew Y. A. Oyieke and Freddie L. Inambao, (2019) Performance prediction of an adiabatic solar liquid desiccant regenerator using artificial neural network, International Journal of Mechanical Engineering and Technology (IJMET) Volume 10, Issue 03, March 2019, pp. 679-693. Article ID: IJMET_10_02_073 Available online at <http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=10&IType=3> ISSN Print: 0976-6340 and ISSN Online: 0976-6359 © IAEME Publication Scopus Indexed
7. Abdulfatah Abdu Yusufa, Freddie L. Inambao, (2019) Effect of cold start emissions from gasoline-fueled engines of light-duty vehicles at low and high ambient temperatures: Recent trends, Case Studies in Thermal Engineering, Available online 20 February 2019, 2214-157X/ © 2019 Published by Elsevier Ltd., ISSN 2214-157X, www.elsevier.com <https://doi.org/10.1016/j.csite.2019.100417> Volume 14 (2019), Article 100417, Pages 1-10
8. Omojola Awogbemi, Freddie L. Inambao, and Emmanuel I. Onuh (2018) Development and Characterization of Chicken Eggshell waste as Potential Catalyst For Biodiesel Production, International Journal of Mechanical Engineering and Technology, Volume 9, Issue 12, December 2018, pp. 1329–1346. Article ID: IJMET_09_12_134 Available online at: <http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=9&IType=12> ISSN Print: 0976-6340 and ISSN Online: 0976-6359 © IAEME Publication Scopus Indexed
9. Maduako E. Okorie, Freddie L. Inambao, Zivayi Chiguvare and Shalonda Alfeus, (2018) Renewable Energy and African Industrialization: A Participatory Integrated Approach In Assessing Concentrated Solar Power Potential In Namibia, International Journal of Mechanical Engineering and Technology, Volume 9, Issue 12, December 2018, pp. 509–524, Article ID: IJMET_09_12_054 Available online at: <http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=9&IType=12> ISSN Print: 0976-6340 and ISSN Online: 0976-6359 © IAEME Publication Scopus Indexed
10. Samuel A.O. Ilupeju and Freddie L. Inambao (2018) Small Hydropower Relevance for Basic Energy Need in Africa, International Journal of Mechanical Engineering and Technology (IJMET), Volume 9, Issue 11, November 2018, pp. 271–280, Article ID: IJMET_09_11_028 Available online at: <http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=9&IType=11> ISSN Print: 0976-6340 and ISSN Online: 0976-6359 © IAEME Publication Scopus Indexed
11. Samuel A.O. Ilupeju and Freddie L. Inambao (2018), Hydropower Role in Stand-Alone and Mini Grid to Power Solution in Africa, International Journal of Mechanical Engineering and Technology (IJMET) Volume 9, Issue 11, November 2018, pp. 258–270, Article ID: IJMET_09_11_027 Available online at: <http://www.iaeme.com/ijmet/issues.asp?JType=IJMET&VType=9&IType=11> ISSN Print: 0976-6340 and ISSN Online: 0976-6359 © IAEME Publication Scopus Indexed

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13. Abdulfatah Abdu Yusuf & Freddie L. Inambao (2018): Progress in Alcohol-gasoline blends and their effects on the performance and emissions in SI engines under different operating conditions, International Journal of Ambient Energy, DOI:10.1080/01430750.2018.1531261, <https://doi.org/10.1080/01430750.2018.1531261>, ISSN: 0143-0750 (Print) 2162-8246 (Online) Journal homepage: <http://www.tandfonline.com/loi/taen20>, Pages 1-17.
14. Adefemi O. Owoputi, Freddie L. Inambao, William S. Ebhota (Dec 17th 2018) A Review of Functionally Graded Materials Fabrication Processes and Applications, International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 23 (2018) pp. 16141-16151 © Research India Publications. <http://www.ripublication.com>
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17. Ukoba, O. Kingsley, Inambao, L. Freddie, Eloka-Eboka, C. Andrew (2018), Study of Deposition Temperature on Properties of Aged Nanostructured Nickel Oxide for Solar Cells, International Journal of Renewable Energy Research, ISSN 1309-0127, Vol. 8, No. 2, June, 2018, pp. 724-732.
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