

PUBLICATIONS

- **Sonibare M. A.**, Ayoola I. O., Gueye B., Abberton M. T., D'Zouza R., Kuhnert N. (2018) Leaves metabolomic profiling of *Musa acuminata* accessions using UPLC–QTOF–MS/MS and their antioxidant activity *Journal of Food Measurement and Characterization* Volume 12, 1093-1106
- Adeniran A. A., **Sonibare M. A.**, Rajacharya G. H., Shashi Kumar (2018) Assessment of genetic fidelity of *Dioscorea bulbifera* L. and *Dioscorea hirtiflora* Benth. and medicinal bioactivity produced from the induced tuberous roots. *Plant Cell, Tissue and Organ Culture* Volume 132 No. 2, 343-357.
- Adewole K. E., Attah A. F., **Sonibare M. A.**, Moody J. O., Adebayo J. O. (2018). Identification of Antioxidant Cysteine-stabilised Peptides of *Morinda lucida* Benth. Leaf. *Indian Journal of Pharmaceutical Sciences* Volume 80 No. 1, 99-107
- Ilechukwu C.B., **Sonibare M.A.**, Oluwole O.G., Ajayi A.M., Umukoro S. (2018) Antioxidant and *in vitro* membrane stabilization activities of leaf extract of *Gossypium barbadense* L. (Malvaceae). *West African Journal of Pharmacy* Volume 29 No. 2, 116-126
- **Sonibare M. A.** and Adebodun S. A. (2018) Macroscopic and microscopic evaluation of *Triclisia subcordata* Oliv. (Menispermaceae) towards its standardization. *Nigerian Journal of Pharmaceutical Sciences* 14 (2), 189-196
- **Sonibare M. A.**, Ayoola I. O., Elufioye T. O. (2017) Antioxidant and acetylcholinesterase inhibitory activity of leaf extract and fractions of *Albizia adianthifolia* (Schumach) W. F. Wright. *Journal of Basic and Clinical Physiology and Pharmacology* Volume 28 No.2, 143-148.
- Ayoola I. O., Gueye B., **Sonibare M. A.**, Abberton M. T. (2017) Antioxidant activity and acetylcholinesterase inhibition of field and *in vitro* grown *Musa* L. species. *Journal of Food Measurement and Characterization* Volume 11 No. 2, 488-499.
- Adeniran A. A. **Sonibare M. A.** (2017) *In vitro* antioxidant activity, brine shrimp lethality and assessment of bioactive constituents of three Wild *Dioscorea* species. *Journal of Food Measurement and Characterization* Volume 11 No. 2, 685-695.
- Onda E. E., **Sonibare M.A.**, Ajayi A. M., Umukoro S. (2017). Anti – inflammatory and Antioxidant Effects of *Tetrapleura tetraptera* (Schumach & Thonn.) Taub. Fruit Extract in Carrageenan/Kaolin-induced Acute Monoarthritis in Rats. *Nigerian Journal of Pharmaceutical Research* Volume 13 No. 2, 157-166.
- Adaramola T. F., **Sonibare M. A.**, Sartie A., Lopez-Montes A., Franco J., Albach D. C. (2016) Integration of ploidy level, secondary metabolite profile and morphological traits analyses to define breeding strategy for trifoliate yam (*Dioscorea dumetorum* (Kunth) Pax). *Plant Genetic Resources* Volume 14, No. 1, 1-10
- Attah A. F., Hellinger R., Mubo A. **Sonibare M. A.**, Moody J. O., Arrowsmith S., Susan Wray S. Gruber C. W. (2016) Ethnobotanical survey of *Rinorea dentata* used in South-Western Nigerian ethnomedicine and detection of cyclotides. *Journal of Ethnopharmacology* Volume 179, 83-91.

- **Sonibare M. A.,** Ogunlakin D. A. (2016) Antidiabetic and Antioxidant effects of *Glyphaea brevis* (Spreng.) Monachino leaf extracts and solvent fractions in alloxan-induced diabetic rats. *West African Journal of Pharmacy* Volume 27 No. 1, 42-53.
- **Sonibare, M. A.,** Aremu, O. T., Okorie, P. A. (2016) Antioxidant and antimicrobial activities of solvent fractions of *Vernonia cinerea* (L.) Less leaf extract. *African Health Sciences* Volume 16 No. 1, 629-639.
- Adeniran, A. A., **Sonibare, M. A.** (2016) Exploitation of Petiole, Nodal Segment, tubil and tuber Anatomy for species identification in *Dioscorea* Linn. Species from Southwestern Nigeria. *Nigerian Journal of Natural Products and Medicine* Volume 20, 43-51.
- Attah, A. F., **Sonibare, M. A.,** Moody, J. O. (2016). Chemical detection of cysteine-rich circular peptides in selected tropical Violaceae and Moringaceae families using modified G-250 and mass spectrometry. *Nigerian Journal of Natural Products and Medicine* Volume 20: 88-95.
- Rafiu B. and **Sonibare M. A.** (2016) Ethnobotanical survey of-tree species used for wound healing in Ibadan, Southwest Nigeria. *Nigerian Journal of Natural Products and Medicine* Volume 20: 96-104.
- Sonibare M.A., Akpan G. U. (2016) *In vitro* Callus Induction and Antioxidant Activity of *Rauwolfia vomitoria* Afzel. (Apocynaceae). *Nigerian Journal of Pharmaceutical Research* Volume 12 No. 2, 101-111.
- **Sonibare, M.A.,** Eseruoma, G. A., Omojuyigbe, B. M., Ayoola, I. O., Adeniran, A. A. (2016) Pharmacognostic standardization, antioxidant and antimicrobial activities of *Erythrophleum suaveolens* (Guill. & Perr.) Brenan and *Peltophorum pterocarpum* (DC) Backer ex K. Heyne. *West African Journal of Pharmacy* 27 (2): 38-52.
- **Sonibare, M. A.,** Olatubosun O. V. (2015) Pharmacognostic and free radical scavenging Evaluation of *Cyathula prostata* (Blume) L. *Pharmacognosy Journal* Volume 7, No. 2, 107-116.
- **Sonibare, M.A.,** Adegoke, A. A. (2015) Antioxidant and antimicrobial activities of callus culture and leaf extracts of wild *Crotalaria retusa* (rattlepod). *Journal of Pharmacy and Bioresources* Volume 12, No. 1, 38-47.
- **Sonibare M. A.,** Aremu, T. O., Okorie, P. A. (2015) Micropropagation and Evaluation of Phenolic Content, Antioxidant and Antimicrobial Activities of *Vernonia cinerea* (Linn.) Less. *Nigerian Journal of Natural Products and Medicine* Volume 19, 36-41.
- Kayode A. A. A., **Sonibare M. A.,** Moody, J. O. (2015) Antiulcer activities of *Securidaca longepedunculata* Fres. (Polygalaceae) and *Luffa cylindrica* Linn. (Cucurbitaceae) in Wistar Rats. *Nigerian Journal of Natural Products and Medicine* Volume 19, 85-91.

- **Sonibare M. A.**, Ayoola I. O. (2015) Medicinal plants used in the treatment of neurodegenerative disorders in some parts of Southwest Nigeria. *African Journal of Pharmacy and Pharmacology* Volume 9, No. 38, 956-965.
- **Sonibare M. A.**, Okorie P. N., Aremu T. O., Adegoke Ayodamope (2015) Ethnomedicine for Insect Transmitted Diseases from South-western Nigeria. *Journal of Natural Remedies* Volume 15, 33-42.
- Oyetoro I. D., **Sonibare M. A.** (2015) Preliminary study on the wound healing activity of ethanolic extract of *Vitellaria paradoxa* C. F. Gaertn. in rats. *Nigerian Journal of Pharmaceutical Research* Volume 11, 89-93.
- **Sonibare M. A.**, Ekaette E. Onda E. E., Ajayi A. M., Umukoro S. (2015) *In vitro* antioxidant and membrane stabilization activities of fruit extract and fractions of *Tetrapleura tetraptera* (Schumach & Thonn.) Taub. *Journal of Pharmacy and Bioresources* Volume 12, No. 2, 95-105.
- **Sonibare, M. A.**, Armagan, M., Özgo'kce, F., Yaprak, A. E., Maryland-Quellhorst, E., Albach, D. C. (2014) Analysis of taxonomic and geographic patterns of Turkish *Veronica orientalis* using nuclear and plastid DNA and morphological data. *Plant Systematics and Evolution* Volume 300, 645-664.
- **Sonibare, M. A.**, Adeniran, A. A. (2014) Comparative micromorphological study of wild and micropropagated *Dioscorea bulbifera* Linn. *Asian Pacific Journal of Tropical Biomedicine* Volume 4, No. 3, 176-183.
- Arowona, I. T., **Sonibare, M. A.**, Umukoro, S. (2014). Antipsychotic property of solvent-partitioned fractions of *Lonchocarpus cyanescens* leaf extract in mice. *Journal of Basic and Clinical Physiology and Pharmacology* Volume 25, No. 2, 235-240.
- **Sonibare, M. A.**, Oke T. Soladoye, M. O. (2014) A pharmacobotanical study of two medicinal species of Fabaceae. *Asian Pacific Journal of Tropical Biomedicine* Volume 4, No. 2, 131-136.
- Koehbach, J., Attah, A. F., Berger, A., Hellinger, R., Kutchan, T. M., Carpenter, E. J., Rolf, M., **Sonibare, M. A.**, Moody, J. O., Wong G. K., Dessen, S., Greger, H., Gruber, C. W. (2013) Cyclotide discovery in Gentianales revisited - Identification and characterization of cyclic cystine-knot peptides and their phylogenetic distribution in Rubiaceae plants. *Biopolymers: Peptide Science* Volume 100, No. 5, 438-452.
- Adeniran, A. A., **Sonibare, M. A.** (2013) *In vitro* potential anthelmintic activity of bulbils of *Dioscorea bulbifera* L. on earthworms and liverflukes. *Journal of Pharmacognosy and Phytotherapy* Volume 5, No. 12, 196-203.
- **Sonibare, M. A.**, Oloyede, G. K., Adaramola, T. F. (2011) Antioxidant and cytotoxicity evaluations of two species of *Blighia* providing clues to species diversity.

- **Sonibare M. A.**, Umukoro S., Shonibare E. T. (2012) Antipsychotic property of aqueous and ethanolic extracts of *Lonchocarpus cyanescens* (Schumach and Thonn.) Benth. (Fabaceae) in rodents. *Journal of Natural Medicine* Volume 66, No. 1, 127-132.
- **Sonibare M. A.**, Abegunde R. B. (2012) Ethnobotanical study of medicinal plants used by the Laniba village people in south western Nigeria. *African Journal of Pharmacy and Pharmacology* Volume 6, No. 24, 1726-1732.
- **Sonibare M. A.** , Abegunde R. B. (2012) *In vitro* Antimicrobial and Antioxidant Analysis of *Dioscorea dumetorum* (Kunth) Pax and *Dioscorea hirtiflora* (Linn.) and Their Bioactive Metabolites from Nigeria. *Journal of Applied BioSciences* Volume 51, 3583-3590.
- Attah, A. F., O'Brien, M., Koehbach, J., **Sonibare, M. A.**, Moody, J. O., Smith, T. J., Gruber, C. W. (2012) Uterine contractility of plants used to facilitate childbirth in Nigerian ethnomedicine. *Journal of Ethnopharmacology* Volume 143, 377-382.
- **Sonibare M. A.**, Lawal T.O., Ayodeji O.O. (2011) Antimicrobial evaluation of plants commonly used in the management of Psychosis Opportunistic Infections. *International Journal of Pharmacology* Volume 7, No. 4, 492-497.
- Soladoye M. O., **Sonibare M. A.**, Chukwuma E. C. (2010) Morphometric study of the genus *Indigofera* Linn. (Leguminosae-Papilionoideae) in South-Western Nigeria. *International Journal of Botany* Volume 6, No. 3, 343-350.
- Soladoye M. O., Onakoya M. A., Chukwuma E. C. **Sonibare M. A.** (2010) Morphometric study of the genus *Senna* Mill. In South-western Nigeria. *African Journal of Plant Science* Volume 4, No. 3, 44-52.
- Soladoye, M. O., Osipitan, A. A., **Sonibare, M. A.**, Chukwuma, E. C. (2010) From 'Vagabonds' to Ethnobotanical Relevance-Weeds of the campus sites of Olabisi Onabanjo University, Ago-Iwoye, Nigeria. *Ethnobotanical Leaflets* Volume 14, No. 546-558.
- **Sonibare, M.A.**, Asiedu, R., Albach, D. C. (2010) Genetic diversity of *Dioscorea dumetorum* (Kunth) Pax using Amplified Fragment Length Polymorphisms (AFLP) and cpDNA. *Biochemical Systematics and Ecology* Volume 38, 320-334.
- Sonibare, O. O., **Sonibare, M.A.**, Adesanya, E. O. (2009): Essential Oil Composition of *Vernonia amygdalina* Del. from Southwestern Nigeria. *Journal of Essential Oil Bearing Plants* Volume 12, No. 1, 55-58.

- **Sonibare, M.A.**, Sonibare, O. O., Akharam, E. Soladoye, M.O., (2009): Chemical composition of essential oils of *Ficus elasticoides*, *Ficus ovata* and *Ficus natalensis* from Nigeria. *Journal of Essential Oil Bearing Plants* Volume 12, No. 3, 282-286.
- **Sonibare, M.A.**, Moody, J. O., Adesanya, E. O. (2009): Use of medicinal plants for the treatment of measles in Nigeria. *Journal of Ethnopharmacology* Volume 122, No. 2, 268-272.
- **Sonibare, M.A.**, Soladoye, M.O., Esan, O. O., Sonibare, O. O. (2009) Phytochemical and Antimicrobial studies of four species of *Cola* Schott & Endl. (Sterculiaceae). *African Journal of Traditional Complementary and Alternative Medicine* Volume 6, No. 4, 518-525.
- **Sonibare, M.A.** and Gbile, Z.O. (2008): Ethnobotanical Survey of anti-asthmatic plants in South Western Nigeria. *African Journal of Traditional, Complementary and Alternative Medicine* Volume 5, No. 4, 340-345.
- Ogunwande, I. A., **Sonibare M. A.**, Thang T. D., Dung N. X., Soladoye M. O. and Morohunfolu O. O. (2008): Comparative Analysis of the Oils of Three *Ficus* species from Nigeria. *Journal of Essential Oil Research* Volume 20, No. 5, 386-389.
- **Sonibare M.A.**, Soladoye, M.O. and Ekine-Ogunlana, Y. (2007): A Chemotaxonomic approach to the alkane content of three species of *Anthocleista* Afzel. (Loganiaceae) *African Journal of Biotechnology* Volume 6, No. 13, 1515-1520.
- **Sonibare, M.A.**, Jayeola, A.A. and Egunyomi, A. (2006): The Taxonomy of *Ficus* Linn. of the Subgenus *Urostigma* (Sections *Urostigma* and *Galoglychia*) in Nigeria. *Science Focus* Volume 11, No. 1, 31-37.
- **Sonibare, M.A.**, Ogunwande, I.A., Walker, T.M., Setzer, W.N., Soladoye, M.O. and Essien, E. (2006): Volatile constituents of *Ficus exasperata* leaves. *Natural Product Communications* Volume 1, No. 9, 763-765.
- **Sonibare, M.A.** and Shokefun, E.O. (2005): Preliminary leaf epidermal studies of some *Ficus* species (Moraceae) in Ogun State of South Western Nigeria. *African Journal of Pure and Applied Sciences* Volume 1, No. 1, 10-13.
- Soladoye, M.O., **Sonibare, M.A.**, Nadi, A.O. and Alabi, D.A. (2005): Indigenous Angiosperm Biodiversity of Olabisi Onabanjo University Permanent site. *African Journal of Biotechnology* Volume 4, No. 5, 554-562.
- **Sonibare, M.A.**, Jayeola, A.A. and Egunyomi, A. (2005): A survey of epidermal morphology of the genus *Ficus* Linn. (Moraceae). *Botanical Bulletin of Academia Sinica* Volume 46, 231-238.
- **Sonibare, M.A.**, Jayeola, A.A. and Egunyomi, A. (2005): Chemotaxonomic significance of leaf alkanes in Species of *Ficus* Linn. (Moraceae). *Biochemical Systematics and Ecology* Volume 33, 79-86.

- **Sonibare, M.A.** and Osonubi, O. (2004): Degree of roots infection in three *Glomus* species of Vesicular arbuscular Mycorrhizal fungi in relation to maize (*Zea mays*) growth. *Science Focus* Volume 7, 131- 136.
- **Sonibare, M.A.**, Jayeola, A.A. and Egunyomi, A. (2004): A morphometric
 - analysis of genus *Ficus* Linn. (Moraceae). *African Journal of Biotechnology*
 - Volume 3 (4), 229- 235.
- Soladoye, M.O. and **Sonibare, M.A.** (2003): Non-Timber Forest Products of Old Oyo National Park and their sustainability. *Nigerian Journal of Botany* Volume 16, 16-32.
- **Sonibare, M.A.** (2001): Gymnosperms *In* Adebajo A. and Oyesiku, O. Editors) Plant Diversity. Department of Biological Sciences, Olabisi Onabanjo University. Vebic Publication, Ogun State pp. 133-145.