

***Publications list – Professor A. O. Adegoke – Department of Pharmaceutical Chemistry***

**(A) Books/contributions to books**

1. **Adegoke A. O.** and Omojola A. O. (2018): Business Plan Development, In: ETR 301 eBooks: Basic Entrepreneurship and Innovation. Published online 27 April 2018.  
[http://cei.ui.edu.ng/includes/ebooks/ETR301\\_chapter8.htm](http://cei.ui.edu.ng/includes/ebooks/ETR301_chapter8.htm)
2. **Adegoke A. O.** (2016): Of Colours, Colourants and Coloured Substances: A Pharmacist's Tripodal Trawl. 2015/2016 University of Ibadan Inaugural Lecture Series. ISBN 978 -978-54291-2-1. Ibadan University Press, Publishing House, University of Ibadan, Ibadan. 101pp.
3. **Adegoke A. O.** (2012): Feasibility studies and starting a new business In: *GES 301: Introduction to Entrepreneurial skills*, Oke G. and Adedapo A. (Eds.) ©The General Studies Programme (GSP) Unit, University of Ibadan. ISBN 978-31064-8-3. Pp. 69-82.
4. Olaniyi A.A., Babalola C.P., Oladeinde F.O. and **Adegoke A.O.** (Editors): Towards better quality assurance of drugs in the 3<sup>rd</sup> millennium –*Biopharmaceutical methods in drug quality assurance*. Proceedings of fourth national workshop 2001. ISBN 978-30585-6-8. Department of Pharmaceutical Chemistry, University of Ibadan, Nigeria. 179pp.

**(B) Articles that have appeared in learned journals**

5. **Adegoke A. O.**, Thomas O. E., Agboola S., and Amao S. A. and Omotosho A.E. (2019): A New method for the micro-determination of *para*-aminophenol in generic brands of paracetamol tablets *Arab Journal of Basic and Applied Sciences*. **Accepted 15 February 2019**  
<https://doi.org/10.1080/25765299.2019.1585513>
6. Thomas O E, **Adegoke A. O.**, Abiodun O. J., Adenmosun F G (2018): Influence of partly aqueous solvents on the preferential solvation of 4-carboxyl-2,6-dinitrophenylazohydroxynaphthalenes. *Journal of Applied Spectroscopy*. **Accepted September 3, 2018**
7. **Adegoke A. O.**, Adegbolagun O. M., Aiyenale E. O. and Thomas O. E. (2018): New spectrophotometric determination of gabapentin in bulk and dosage forms using *p*-dimethylaminobenzaldehyde. *Journal of Taibah University for Science* 12 (6): 754 – 764.  
<https://doi.org/10.1080/16583655.2018.1495418>

8. Adegbolagun O. M., Thomas O. E., Aiyenale E. O. and **Adegoke A. O.** (2018): A new spectrophotometric method for the determination of gabapentin using chromotropic acid. *Acta Pharmaceutica Scientia* 56 (3):92-110. DOI: 10.23893/1307-2080.APS.05621
9. Sotade A. A., Idowu P. A. and **Adegoke A. O.** (2017): Comparative quality assessment of generic brands of ceftriaxone sodium injection marketed in Ibadan, South-West, Nigeria. *Journal of Pharmacy and Bioresources* 14 (2):175-186.
10. **Adegoke A. O.**, Korede A. O., Adosraku R.K. and Igwilo C. I. (2017): Impurities profiling of brands ceftriaxone sodium injection marketed in Ibadan, Southwest Nigeria. *West African Journal of Pharmacy* 28 (2): 35-51.
11. **Adegoke A. O.** (2017): A Review on Drug Quality Surveillance in West Africa. *West African Journal of Pharmacy* 28(2): 1-15
12. **Adegoke A. O.** and Ayodele O. T. (2017): Novel manganese colorimetric chemosensing investigations of *Indigofera macrophylla* schum (thonn.) stem and leaf dye extracts. *Nigerian Journal of Pharmaceutical Research* 13 (2):115-125.
13. **Adegoke A. O.**, Babalola C. P., Kotila O. A. and Oyakhire Obuebhor (2017): Simultaneous Spectrophotometric Determination of Trimethoprim and Sulphamethoxazole following Charge-transfer Complexation with Chloranilic acid, *Arabian Journal of Chemistry* 10 (supplement 2):S3848-3860. doi: <http://dx.doi.org/10.1016/j.arabjc.2014.05.022> *Appeared first online 18 June 2014*
14. **Adegoke A. O.** and Quadri M. O. (2016): Novel spectrophotometric determinations of some cephalosporins following azo dye formation with *p*-Dimethylaminobenzaldehyde. *Arabian Journal of Chemistry* 9 (Supplement 2): S1272-1282. *First appeared online 2012.* Doi: 10.1016/j.arabjc.2012.02.005.
15. **Adegoke A. O.** Thomas O. E. and Emmanuel S. N. (2016): Colorimetric determination of olanzapine via charge transfer complexation with chloranilic acid *Journal of Taibah University for Science* 10 (5):651-663.

16. Labulo A. H., Adesuji E. T., Dedeke O. A., Bodede S. O., Oseghale C. O., Moodley R., Nyamori V. O., Dare E. O. and **Adegoke A. O.** (2016): A dual-purpose silver nanoparticles biosynthesized using aqueous leaf extract of *Detarium microcarpum*: an underutilized species. *Talanta* 160: 735-744. DOI:10.1016/j.talanta.2016.07.066.
17. Akintola A.O., Maduagwu E.N., **Adegoke A.O.**, Kehinde B.D. and Ademowo O.G. (2016): Antimicrobial activities of crude methanolic extract and fractions of the bulb of *Crinum jagus* (Linn). *International Education & Research Journal* 2(6): 31-35.
18. Ologe M.O., **Adegoke A.O.**, Iwalewa E.O. and Ademowo O.G. (2016): Spectrophotometric studies of a novel Gedunin-2-Hydroxypropyl- $\beta$ -cyclodextrin binary system. *African Journal of Medicine and Medical Sciences* 45 (2): 159-169.
19. Ghosh M., **Adegoke A. O.**, Jana A. and Mukherjee A. (2016): Interaction of Multiwalled carbon nanotube produces structural alteration of DNA. *African Journal of Biomedical Research* 19(1):17-22.
20. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A (2016): Effect of recovery period on reproductive functions in male Wistar rats treated with fraction 1 of *Portulaca oleracea*. *World Journal of Pharmaceutical Research* 5(1): 180-190.
21. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A (2016): Effect of fraction 2 of *Portulaca oleracea* on plasma gonadotrophins and testosterone levels and their recoveries in male Wistar rats. *World Journal of Pharmaceutical Research* 5(1): 191-199.
22. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A and Oshatimi A (2015): Effect of fraction 5 of *Portulaca oleracea* on reproductive parameters in male Wistar rats. *Journal of Chemical and Pharmaceutical Research* 7(11):197-204.
23. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A. and Abidoye D. (2015): Effect of fraction 1 of *Portulaca oleracea* on hematological and plasma biochemical parameters in male Wistar rats. *World Journal of Pharmaceutical Research* 4(12): 2035-2045.

24. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A. and Abidoye D. (2015): Effect of fraction 4 of *Portulaca oleracea* on hematological and plasma biochemical parameters in male Wistar rats. *Journal of Chemical and Pharmaceutical Research* 7(11):312-317.
25. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A. and Abidoye D. (2015): Effect of fraction 4 of *Portulaca oleracea* on reproductive parameters in male Wistar rats. *Journal of Chemical and Pharmaceutical Research* 7(11):665-672.
26. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A. (2015): Effect of recovery period on reproductive functions in male Wistar rats treated with fraction 3 of *Portulaca oleracea*. *World Journal of Pharmaceutical Research* 4(12): 2057-2067.
27. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A. (2015): Effect of recovery period on reproductive functions in male Wistar rats treated with fraction 2 of *Portulaca oleracea*. *Journal of Chemical and Pharmaceutical Research* 7(12):5-12.
28. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A. (2015): Effect of fraction 4 of *Portulaca oleracea* on plasma gonadotrophins and testosterone levels and their recoveries in male Wistar rats. *World Journal of Pharmaceutical Research* 4(12): 2068-2076.
29. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A. (2015): Effect of recovery period on reproductive functions in male Wistar rats treated with fraction 5 of *Portulaca oleracea*. *Journal of Chemical and Pharmaceutical Research* 7(12):35-42.
30. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A and Oni J. O. (2015): Effect of fraction 1 of *Portulaca oleracea* on plasma gonadotrophins and testosterone levels and their recoveries in male Wistar rats. *Journal of Chemical and Pharmaceutical Research* 7(12):70-77.
31. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A. (2015): Effect of fraction 3 of *Portulaca oleracea* on plasma gonadotrophins and testosterone levels and their recoveries in male Wistar rats. *Journal of Chemical and Pharmaceutical Research* 7(12):108-115.

32. Oyedeji K. O., **Adegoke A. O.**, Oladosu I. A. and Adeleke K. (2015): Effect of fraction 2 of *Portulaca oleracea* on reproductive functions in male Wistar rats. *Journal of Chemical and Pharmaceutical Research* 7(12):143-150.
33. Thomas O. E. and **Adegoke A. O.** (2015): Toxicity of Food Colours and Additives – A Review. *African Journal of Pharmacy and Pharmacology* 9 (36): 900-914.
34. Thomas O. E. and **Adegoke A. O.** (2015): Development of a new visible spectrophotometric method for the analysis of Ganciclovir in bulk sample and dosage form. *Tropical Journal of Pharmaceutical Research* 14 (6):1095-1101.
35. Ghosh M., Bhadra S., **Adegoke A. O.**, Bandyopadhyay M. and Mukherjee A. (2015): MWCNT uptake in *Allium cepa* root cells induces cytotoxic and genotoxic responses and results in DNA hyper-methylation. *Mutation Research/Fundamental and Molecular Mechanisms of Mutagenesis* 774:49-58. doi:10.1016/j.mrfmmm.2015.03.004
36. **Adegoke A. O.**, Manosij Ghosh, Mannivanan J., Sonali Sinha and Anita Mukherjee (2014): Genotoxicity evaluation of 4-Carboxyl-2,6-dinitrophenylazohydroxynaphthalenes in mice. *Toxicology and Industrial Health* 30(5): 393-404. <http://dx.doi.org/10.1177/0748233712457442>.  
*Appeared first Online 22 August, 2012.*
37. **Adegoke A. O.**, Thomas O. E., Makanjuola D. M. and Adewole O. O. (2014): Spectrophotometric determination of Olanzapine following condensation reaction with *p*-dimethylaminobenzaldehyde. *Journal of Taibah University for Science* 8: 248-257. <http://dx.doi.org/10.1016/j.jtusci.2014.03.007>
38. **Adegoke A. O.**, Adesuji T. E. and Thomas O. E. (2014): Novel Colorimetric sensors for cyanide based on azo-hydrazone tautomeric skeletons. *Spectrochimica Acta Part A (Molecular and Biomolecular Spectroscopy)* 128:147-152. <http://dx.doi.org/10.1016/j.saa.2014.02.118>
39. Babalola C. P., Oluwalana I., Kotila O.A., **Adegoke A.O.**, Kolade Y.T. and Ameh S. J., (2014): A novel derivatization ultraviolet spectrophotometric method for the determination of Dihydroartemisinin using *p*-nitroaniline. *Tropical Journal of Pharmaceutical Research* 13 (1): 127-133.

40. Oyedeji K.O., Bolarinwa A.F. and **Adegoke A.O.**: (2013): Effect of aqueous extract of *Cola nitida* (Kola Nut) on reproductive functions in male Albino rats. *International Journal of Pharmaceutical Sciences Review and Research* 20(2):291-295
41. Oyedeji K.O., Bolarinwa A.F. and **Adegoke A.O.** (2013): Evaluation of Anti-fertility and teratogenic effects of chromatographic fractions of *Portulaca oleracea* in male and female albino rats. *International Journal of Pharmacy and Pharmaceutical Sciences* Vol. 5, Suppl. 2: 691-695.
42. Oyedeji K.O., Bolarinwa A.F. and **Adegoke A.O.** (2013): Effect of chromatographic fraction of *Portulaca oleracea* on haematological and plasma biochemical parameters in male Albino rats. *International Journal of Pharmaceutical Sciences Review and Research* 20 (2): 278-281.
43. Oyedeji K.O., **Adegoke A.O.**, Oladosu I.A. (2013): Effect of fraction 3 of *Portulaca oleracea* on reproductive functions in male Albino rats. *International Journal of Pharmaceutical Sciences Review and Research* 21(1): 345-349.
44. Oyedeji K.O., **Adegoke A.O.**, Oladosu I.A. (2013): Effect of fraction 3 of *Portulaca oleracea* on haematological and plasma biochemical parameters in male Albino rats. *International Journal of Pharmaceutical Sciences Review and Research* 21(1): 364-368.
45. Oyedeji K.O., **Adegoke A.O.**, Oladosu I.A. (2013): Effect of Fraction 5 of *Portulaca oleracea* on haematological and plasma biochemical parameters in male Albino rats. *International Journal of Pharmaceutical Sciences Review and Research* 21(1):369-372.
46. Olayemi F. O., Raji Y., **Adegoke A. O.** and Oyeyemi M. O. (2013): Haematological and some biochemical profiles in male rats treated with *Cnestis ferruginea* (de Candolle) root extract and its pure fractions. *African Journal of Pharmacy and Pharmacology* 7(20):1231-1235.

47. Kotila O. A., Olaniyi O.O., **Adegoke A.O.** and Babalola C.P. (2013): Experimental determination of the physicochemical properties of lumefantrine, *African Journal of Medicine and medical sciences* 42:209-214.
48. Kahsay G., **Adegoke A. O.**, Van Schepdael A. and Adams E. (2013): Development and validation of a reversed phase liquid chromatographic method for analysis of Griseofulvin and Impurities. *Journal of Pharmaceutical and Biomedical Analysis* 80:9-17.
49. **Adegoke A. O.** and Orokotan O. A. (2013): Evaluation of Directly Observed Treatment Short courses (DOTS) at a Secondary Health Institution in Ibadan, Oyo State, Southwestern Nigeria. *Asian Pacific Journal of Tropical Medicine* 6 (12): 952-959.
50. Thomas O. E. and **Adegoke A. O.** (2012): Development and validation of a visible spectrophotometric method for the determination of acyclovir. *Journal of Pharmacy and Bioresources* 9 (2):75-84.
51. Lawal T. O., Adeniyi B. A., **Adegoke A. O.**, Franzblau S. G., Mahady G. B. (2012): *In vitro* susceptibility of *Mycobacterium tuberculosis* to extracts of *Eucalyptus camaldulensis* and *Eucalyptus torelliana* and isolated compounds. *Pharmaceutical Biology* 50 (1): 92-98.
52. Aderibigbe S. A., **Adegoke A. O.**, Idowu S. O., Olaleye S. O. (2012): Sensitive Spectrophotometric Determination of Aceclofenac following azo dye formation with 4-Carboxyl-2,6-dinitrobenzene diazonium ion. *Acta Poloniae Pharmaceutica-Drug Research* 69 (2): 203-211.
53. Aderibigbe S. A., **Adegoke A. O.**, Idowu S. O. (2012): A New Colorimetric method for the determination of Nifedipine Tablets by Derivatization using 4-Carboxyl-2,6-Dinitrobenzene Diazonium ion. *International Journal of Industrial Chemistry* 3:5(1-8)
54. **Adegoke A.O.**, Jin Kim Kyu and Anita Mukherjee (2012): *In vitro* genotoxicity evaluation of 4-carboxyl-2, 6-dinitrophenylazohydroxynaphthalenes using Human lymphocytes. *Food and Chemical Toxicology* 50 (3-4): 936-941.

55. **Adegoke A. O.**, Xiang L. L., Idowu S. O., Dong-ying Chen (2012): Highly sensitive liquid chromatographic analysis of artemisinin and its derivatives after pre-column derivatization with 4-Carboxyl-2, 6-dinitrobenzene diazonium ion. *Acta Chromatographica* 24 (3): 445-462.
56. **Adegoke A. O.** (2012): Chemical derivatization methodologies for UV-Visible spectrophotometric determination of pharmaceuticals. *International Journal of Pharmaceutical Sciences Review and Research* 14(2):6-24.
57. **Adegoke A. O.** (2012): An overview of applications of pre-column derivatization reactions for the liquid chromatographic analysis of pharmaceuticals and other compounds. *African Journal of Pure and Applied Chemistry* 6(14): 129-140.
58. **Adegoke A. O.**, Manosij Ghosh, Aditi Jana and Anita Mukherjee (2012): Studies of the interactions of 4-Carboxyl-2,6-dinitrophenylazohydroxynaphthalenes with CT-DNA in aqueous medium. *Journal of Molecular Liquids* 174:17-25.
59. **Adegoke A. O.**, Manosij Ghosh and Anita Mukherjee (2012): Spectrophotometric and thermodynamic studies of the interactions of 4-Carboxyl-2,6-dinitrophenylazohydroxynaphthalenes with bovine serum albumin. *Spectrochimica Acta Part A (Molecular and Biomolecular Spectroscopy)* 96: 1038-1046.
60. Olayemi F. O., Raji Y., **Adegoke A. O.** and Oyeyemi M. O. (2011): Effects of methanol root extract of *Cnestis ferruginea* (De Candolle) on some reproductive parameters of male rats. *Tropical Veterinarian* 29 (1):1-11.
61. **Adegoke A. O.**, Babalola C. P., Isaac P. O. K. and Kotila O. A. (2011): Spectrophotometric studies of the charge-transfer complexation between Lumefantrine and Chloranilic acid in acetonitrile. *Acta Pharmaceutica Scientia* 53 (1): 135-149.



62. **Adegoke A. O.** and Osoye A. O. (2011): Derivatization of Artesunate and Dihydroartemisinin for Colorimetric analysis using *p*-dimethylaminobenzaldehyde. *Eurasian Journal of Analytical Chemistry* 6 (2): 104-113.
63. **Adegoke A. O.** (2011): Spectrophotometric and Thermodynamic studies of the charge transfer complexation of nitroimidazoles with Chloranilic acid following metal hydride reduction. *African Journal of Pure and Applied Chemistry* 5(8): 255-264.
64. **Adegoke A. O.** (2011): Relative predominance of azo and hydrazone tautomers of 4-carboxyl-2, 6-dinitrophenylazohydroxynaphthalenes in binary solvent mixtures. *Spectrochimica Acta Part A (Molecular and Biomolecular Spectroscopy)* 83:504-510.
65. **Adegoke A. O.** (2011): Analytical, Biochemical and Synthetic applications of *para*-Dimethylaminobenzaldehyde. *International Journal of Pharmaceutical Sciences Review and Research* 11 (2):17-29.
66. Olayemi F.O., Raji Y., **Adegoke A. O.** and Oyeyemi M. O. (2010): Haematological profiles in male rats treated with methanolic extract or chromatographic fractions of *Cnestis ferruginea* (de Candolle). *Journal of Medicinal Plant Research* 4 (16):1678-1681.
67. Olayemi F.O., Raji Y., **Adegoke A. O.** and Oyeyemi M. O. (2010): Effect of acute and chronic administration of the methanol extract of the root of *Cnestis ferruginea* on the haematological and some biochemical profiles of male rats. *Tropical Veterinarian* 28 (4): 11-19.
68. Ocheke N., **Adegoke A. O.** and Agbowuro A. (2010): Rapid Spectrofluorimetric determination of chloroquine phosphate tablets. *International Journal of Drug Development and Research* 2 (2):412-417.
69. **Adegoke A.O.**, Umoh O.E. and Soyinka J.O. (2010): Spectrophotometric Determination of Metronidazole and Tinidazole *via* charge transfer complexation using chloranilic acid. *Journal of the Iranian Chemical Society* 7(2): 359-370.

70. **Adegoke A.O.**, Idowu S.O., Daramola O.P. and Ogunsanya O.S. (2010): Derivatization of artemisinin derivatives using 4-Carboxyl-2,6-dinitrobenzene diazonium (CDNBD) ion. *Acta Pharmaceutica Scientia* 52 (3): 269-280.
71. **Adegoke A.O.** and Idowu S.O. (2010): Solvatochromic behaviours and Structure-spectra relationships of 4-Carboxyl-2, 6-dinitrophenylazohydroxynaphthalenes. *Spectrochimica Acta Part A (Molecular and Biomolecular Spectroscopy)* 75: 719-727.
72. **Adegoke A. O.**, Ogunleye A. O., Lawal T. O., Idowu S. O. and Adeniyi-Akee M. A. (2010): Antimicrobial properties of 4-carboxyl-2,6-dinitrophenylazohydroxynaphthalenes. *African Journal of Microbiology Research* 4 (22): 2444-2450.
73. **Adegoke A. O.** and Balogun B. B. (2010): Spectrophotometric determination of some Quinolones antibiotics following oxidation with cerium sulphate. *International Journal of Pharmaceutical Sciences Review and Research* 4(3):1-10.
74. Okunlola A., **Adegoke A.O.** and Odeku O. A. (2009): Generic versus innovator: Analysis of the pharmaceutical qualities of paracetamol and Ibuprofen tablets in the Nigerian Market. *East and Central African Journal of Pharmaceutical Sciences* 12 (3): 55-64.
75. Odunfa G.O., **Adegoke A.O.** and Onaga I.C. (2009): Pharmaceutical equivalence study of some commercial samples of artesunate and amodiaquine tablets sold in Southwest Nigeria. *Tropical Journal of Pharmaceutical Research* 8 (6): 491-499.
76. Idowu S.O., **Adegoke A.O.**, Adeniji A.O. and Olaniyi A.A. (2009): Novel colorimetric assay of naproxen tablets by derivatization using 4-carboxyl-2, 6-dinitrobenzene diazonium ion (CDNBD). *East and Central African Journal of Pharmaceutical Sciences* 12 (1): 8-14.
77. **Adegoke A.O.** and Umoh O. E. (2009): A new approach to the spectrophotometric determination of metronidazole and tinidazole using *p*-Dimethylaminobenzaldehyde. *Acta Pharmaceutica* 59 (4): 407-419.

78. Majekodunmi S.O., **Adegoke A.O.** and Odeku O.A. (2008): Formulation of the extract of the stem bark of *Alstonia boonei* as Tablet dosage form. *Tropical Journal of Pharmaceutical Research* 7 (2): 987-994.
79. **Adegoke A.O.**, Idowu S.O. and Olaniyi A. A. (2008): Synthesis and Spectroscopic characterization of 4-carboxyl-2, 6-dinitrophenylazohydroxynaphthalenes. *Dyes and Pigments* 77: 111-117.
80. **Adegoke A.O.** and Nwoke C.E. (2008): Spectrophotometric determination of Hydralazine using *p*-Dimethylaminobenzaldehyde. *Journal of the Iranian Chemical Society* 5 (2): 316 - 323.
81. Idowu, S.O., **Adegoke, A.O.**, Idowu, A. and Olaniyi, A.A. (2007): Computational models for structure hydrophobicity relationships of 4-carboxyl-2,6-dinitrophenylazo hydroxynaphthalenes. *Journal of AOAC International* 90 (1): 291-298.
82. Fakeye T.O., **Adegoke A.O.**, Omoyeni O.C. and Famakinde A. A. (2007): Effects of water extract of *Hibiscus sabdariffa* Linn (Malvaceae)-‘Rozelle’ on excretion of a diclofenac formulation. *Phytotherapy Research* 21 (1): 96-98.
83. **Adegoke A.O.**, Idowu S.O. and Olaniyi A.A. (2007): Improved Colorimetric determination of Reserpine in Tablets using 4-carboxyl-2, 6-dinitrobenzene diazonium ion (CDNBD). *Tropical Journal of Pharmaceutical Research* 6 (2): 695-703.
84. **Adegoke A.O.**, Idowu S.O. and Olaniyi A. A. (2007): Novel Determination of Nabumetone, a Cox-2 Inhibitor Precursor *via* its 4-Carboxyl-2, 6-Dinitrobenzene Diazonium (CDNBD) Derived Azo Dye. *African Journal of Medicine and Medical Sciences* 36: 249-257.
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87. **Adegoke A.O.**, Idowu S.O. and Olaniyi A.A. (2006): Novel Colorimetric determination of indomethacin using 4-carboxyl-2,6-dinitrobenzene diazonium ion. *Acta Pharmaceutica* 56 (2): 189-202.
88. **Adegoke A.O.**, Idowu S.O. and Olaniyi A.A. (2006): A new spectrophotometric method for determination of nadolol. *Journal of the Iranian Chemical Society* 3 (3): 277-284.
89. **Adegoke A. O.**, Babalola C. P., Oshitade S. O. and Famuyiwa A. A. (2006): Determination of Physicochemical properties of Pyronaridine-a new antimalarial. *Pakistan Journal of Pharmaceutical Sciences* 19 (1): 1-6.
90. Idowu S.O., Kolawole A. O., **Adegoke A.O.**, Kolade Y.T., Fasanmade A.A. and Olaniyi, A.A. (2005): Kinetics of thermal decomposition of 4-carboxyl-2,6-dinitrobenzenediazonium ion (CDNBD), *Journal of AOAC International* 88 (4): 1108-1113.
91. **Adegoke A. O.**, Idowu S. O., Lawal M. O. and Olaniyi A. A. (2005): 4-Carboxyl-2,6-Dinitrobenzene Diazonium ion : A new Diazonium for detection of phenol ether homologues. *Journal of Pharmacy and Bioresources* 2 (2): 146-161.
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93. Idowu S.O., **Adegoke A.O.** and Olaniyi A.A. (2004): Colorimetric Assay of propranolol by derivatization: Novel application of diazotized 4-amino-3, 5-dinitrobenzoic acid (ADBA). *Journal of AOAC International* 87 (3): 573-578.

94. Odeniyi M.A., **Adegoke A. O.**, Adereti R.B., Odeku O.A. and Itiola O.A (2003): Comparative Analysis of Eight Brands of Sulphadoxine-Pyrimethamine Tablets. *Tropical Journal of Pharmaceutical Research* 2 (1):161-167.
95. Babalola C.P. **Adegoke A.O.**, Ogunjinmi M.O. and Osimosu M.O. (2003): Determination of Physicochemical properties of Halofantrine. *African Journal of Medicine and Medical Sciences* 32: 357-359.
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**(C) Conferences attended and published contributions to academic conferences**

97. Olusola A.O., **Adegoke A.O. et al.**,(1996): Some pharmacological and antimicrobial properties of the stem bark of *Erythrophyllum saovelens* Caesalpiniaceae. West African society of Pharmacology's book of abstract, August 1996 (*Conference Abstract presentation 1*)
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