JONATHAN F. OJO

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SUMMARY:

Jonathan F. Ojo is a Professor of Chemistry, with over thirty-seven years of combined teaching and research experience in physical and inorganic chemistry. Research specialization encompasses kinetics and mechanism of inorganic substitutions and electron-transfer, in transition metal complexes. Currently holds forty five (45) journal articles in reputable international journals like (Inorg.Chem., J.Chem.Soc.(Dalton), Can.J.Chem., Inorg.Chim.Acta, Trans.Met., Chem., J.Phys.Chem.., Bull.Chem..Soc.Jpn. etc). I have attained several honorary and academic awards and several visiting professorial / research appointments in the United States, Asia, Europe and Africa.

EDUCATION:

B.Sc (Hons), Chemistry, University of Ibadan, Nigeria (September 1962 – June 1965)
Ph.D., Chemistry, University of Ibadan, Nigeria (September 1966 – December 1969)
Certificate in Computer Basics, Milestone Technical Institute, Houston, TX (June 2008)

EXPERIENCE:

Teaching (Academic):

Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria
Lect. II: 1970 - 1973; Lect. I: 1973 - 1976; Sen. Lect.: 1976 – 1980; Prof.: 1980 - 2005.

Taught Introductory General (including Organic), Physical and Inorganic chemistry courses at University level in various countries – Nigeria, Sierra Leone, United States etc. (Refer to Visiting Professorship / Research experience below). These courses include Kinetic Theory of Gases, Chemical Thermodynamics, Chemical Equilibria, Chemical Kinetics, Electrochemistry, Nuclear and Radiochemistry, Inorganic chemistry of the Main Group Elements and Transition Metal Chemistry, Organometallic chemistry, Co-ordination Chemistry.

Texas Southern University, Houston, TX 77004.
Adjunct Prof. of Chemistry, Jan. 2010 – Now.
Taught Physical Chem. I – CHEM. 431, Physical Chem. II – CHEM. 432, Physical Chem. II – Lab. CHEM 412, Co-Instructor in CHEM 499 – Seminar.

Visiting Professorship / Research:

1. University of Washington, Department of Chemistry, Seattle, USA
   Fulbright-Hays Scholar, July - October 1971.
   - Investigated Gas Phase Unimolecular isomerisation and disproportionation in some straight chain unsaturated hydrocarbons.

2. University of Leeds, Department of Structural and Inorganic Chemistry, Leeds, England
   Commonwealth Fellow. Oct 1973 - Sep 1974.
   Fellowship awarded by the Committee of Commonwealth Universities;
   - Investigated

   (a) Monomer ⇌ Dimer equilbria in Mo(VI)
   (b) Complexation of thiocyanate ion to Mo(IV) in acidic media
   (c) Oxidation of Mo(V)edtaDimer complex by hexachloroiridate(IV) ion in aqueous solution.

3. Georgetown University, Washington D.C, USA
   Visiting Research Scientist, Dept. of Chemistry. Jul - Oct 1977.

- Investigated Electron-Transfer mechanism between Ti(III) and Ru(III) complexes in aqueous solution.

4. Texas A&M University, College Station, TX, USA
   International Atomic Energy Agency Fellow; Oct.1978 - Dec.1979.
   Center for Trace Characterization, Department of Chemistry
   - Investigated the Carbon contents in some samples of Steel by activation analysis techniques.

5. Georgetown University, Washington D.C. USA
   Visiting Professor, Department of Chemistry, Jul - Oct. 1984.
   - Investigated Non-bridging ligand effects as mechanistic probes in Ru(III) – Ti(III) electron-transfer reactions.

6. Tohoku University, Sendai 960. Japan
   Japan Society for the Promotion of Science Fellow; Dept. of Chemistry Apr - Oct 1989.
   - Investigated the Oxidation of some mixed Mo(V)-W(V) edta dinuclear complexes by hexachloroiridate(IV) ion in aqueous solution.

7. Gottingen, Germany;
   D.A.A.D. Fellow Max Planck Institut. Fur Biophys. Chemie Sept. - Dec. 1994
   - Investigated the Cis ⇌ Trans isomerisation of a polynucleotide in acidic solution.

8. University of Strathclyde, Glasgow, U.K
   Visiting Research Scientist Mar - Nov 1999.
   (Sponsored by the Royal Society of Chemistry, London); Dept. of Pure and Applied Chemistry,
   - The Synthesis and Characterisation of a soft tripodal Sulphur ligand – hydrotris(thiazolyl) borate anion. The X-ray crystallographic Structure was established.

9. Portland State University, Portland, Oregon
   Visiting Research Associate Jul - Oct 2003.
   (Sponsored by the National Science Foundation Grant); Department of Chemistry.
   - Investigated Non-linear Oxidation Kinetics of HMSA by acidic Iodate.
   - Synthesised, obtained X-ray structure and investigated the reactivity of a new organosulphur oxoacid - DMAIMSA

10. University of Sierra Leone, Freetown, Sierra Leone;
    Visiting Professor; Oct - Dec 2003.
    Department of Chemistry at University of Sierra Leone, Fourah Bay College
    - Synthesised some new Nitrogen-bonded pentacyanocobaltate(III) complexes. Their Structure and Kinetic reactivities are currently being investigated.
    - Taught Basic Physical Chemistry, Chemical Kinetics, Chemical Thermodynamics

Research:

- Supervised several Undergraduate, M.Sc and Ph.D programmes.
- Conducted research investigations into the kinetics and mechanisms of Inorganic Reactions involving Substitutions and electron-transfer in transition mental complexes in aqueous acidic media. The transition metal ion complexes investigated include cobalt(III), Ruthenium(II) and (III), Fe(II), Ti(III), Mo(IV), Mo(V), (MoVI) and mixed Mo(V)-W(V) dimers etc.
  The researches have also included the synthesis and characterization of some new organosulphur compounds using IR, UV/Visible spectra, NMR, X-Ray spectra etc. These compounds have potential applications in metal surface coatings.

Current Research Activity:

Renewable Energy Sources: Biodiesel production, Solar Energy Generation, etc.

Administration:

Previously held administrative responsibilities as:

- Head of the department of Chemistry, Obafemi Awolowo University: - July-Oct. 1976, 1978, Aug.1, 1981-July 31, 1987;
- Vice Dean, Faculty of Science, 1983-1985;
- Dean, Faculty of Science and Chairman Committee of Deans, 1991-1993;
- Member, Task Force on course unit system in the Faculty of Science, 1976,
- Member, Task Force on the physical expansion of the Faculty Buildings and Facilities 1976; Member, Ceremonial Committee on the conferment of Honorary Degrees in the University- 1977-1979;
- Member, Committee on the Review of the Technicians Training Scheme in the University:- 1977-1978;
- Served as resource person to some examination bodies in Nigeria- West African Examination Council (WAEC); Joint Admissions and Matriculation Board (JAMB) (into universities in the country); Served as external examiner to several university undergraduate (B.Sc) and Post-graduate (M.Sc and PH.D) degree programmes since 1978 to date.
- Served as a member of the National Universities Commission Team on the accreditation of Universities in Nigeria (1990-1991)

After Retirement Activities (Academic):

1. Ladoke Akintola Unversity of Technology, OGBOMOSO, OYO STATE, NIGERIA
Professor Jan. - Dec. 2006
Taught Nuclear and Radiochemistry, Inorganic Chemistry of the main group Elements, Transition Metal Chemistry, Coordination Chemistry and Organometallic Chemistry.

2. Joseph Ayo Babalola University (J.A.B.U), Ikeji-Arakeji, Osun state. Nigeria
Pioneering Professor and Head of Departments of Chemistry and Physics Nov. 2006 to Feb. 2008

- Taught Introductory Chemistry 1 and 2, Basic Physical Chemistry and Inorganic Chemistry of the Main Group and Transition Elements.
- Set up the teaching laboratories in Chemistry and Physics.
- Restructured the Chemistry Curriculum.

CONFERENCES ATTENDED WITH DATES:

1. Pure and Applied Sciences Society, University of Ibadan, February 1968.
PAPER: Strain Effects in alicyclic compounds.

2. Nigerian Science Association Conference in Benin City, April 1973.
PAPER: The Kinetics and Mechanism of some Redox reactions involving Titanium (III), Uranium (IV) and Chromium (VI)

3. Annual Conference of the Inorganic Reaction Mechanisms Group of the Chemical Society of London, Christmas 1973.

4. Seminar, School of Chemistry, University of Leeds, Leeds England, April 1974.

PAPER: Redox Reactions involving the Bromate ion.

5. Nigeria Science Association Conference, Calabar, March 1975.
PAPER: Kinetics and Mechanisms of Redox Reactions involving aqueous solutions of the halogens as oxidants.

6. Codata Training Course (UNESCO), in Yugoslavia, summer 1976.

7. American Chemical Society Congress, Hawaii-Honolulu, April 1979.

8. American Chemical Society, South-West Regional Conference on Surface Characterisation using Ions Beams -J. Houston, Texas October 22 -25 1979.

9. Seminar, Department of Chemistry, Georgetown University, Washington D.C., November 20, 1979.
PAPER: Activation Analysis and its Applications

10. 6th International Conference on Modern Trends in Activation Analysis, University of Toronto, Canada, June 15-19, 1981.
PAPER: Heavy Ions Activation Analysis – Using Low Energy Beams.

11. 5th Symposium on X-rays sources and applications. State University of Michigan, Anne Arbor, Michigan State, U.S.A., June 12-14, 1981.

12. 3rd International Conference on Kinetics and Mechanisms of Reaction in Solution, Cant. July 5-9, 1982.

13. 3rd International Conference on Co-ord. Chemistry, Boulder, Colorado, July 29 – August 3, 1984.

14. XXIVth International Conference on Co-ord. Chemistry, Athens, Greece, August 24-29, 1986.

15. XIIIth International Conference on Co-ord. Chemistry, Japan, Ibaraki University, Mito, Japan. September 26 – 28, 1989.
PAPER: Movwv EDTA-2-oxidation by IrCl

16. Symposium on applications on Nuclear Technology for the Socio-economic development of Nigeria, Abuja, November 17 – 20, 1992.
PAPER: Nuclear Techniques in Quality control in Industry.

17. XVIIIth National Conference of the Chemical Society of Nigeria in Kano, May 29-June 2 1994

18. 5th International Conference in Inorganic Chemistry, University of Sussex; Brighton, 20-23 July 1999.
PAPER: Synthesis and Characterization of $[Co(CN)_5NO_3]^{3-}$.

19. 23rd Annual Conference of Conference of Chemical Society of Nigeria, Nnamdi Azikiwe University, Awka; 24-28 Sept. 2000.
PAPER: The Synthesis of Soft tripodal ligands: restrictions on the preparation of hydrotris (thiazolyl) borate anions from borohydride melts.

HONORS AND AWARDS:

1. Prizes for best performance, Christ's School, Ado-Ekiti:
Mathematics, Biology and Chemistry, December 1959.

2. Fulbright-Hays Scholar, Seattle, Washington:
Awarded by the American Academy of Sciences, Washington D.C. July - October 1971

3. Commonwealth Fellow, Fellowship:
Awarded by Committee of Commonwealth Universities, Leeds, England, Oct. 1973 –Sept. 1974.

4. International Atomic Energy Agency Fellow:
Texas A & M University, U.S.A., Oct.1978-Dec.1979.

5. Japan Society for the Promotion of Science Fellow:
Tohoku, Sendai, Japan. April – Oct. 1989,

6. D.A.A.D Fellow:
M.P.I. Fur Biophys. Chem., Gottengen, Germany. Sept.- Dec. 1994,

7. The Royal Society of Chemistry, London:
Visiting Scientist, University of Strathclyde, Glasgow, March –Nov. 1999.

8. National Science Foundation Grant
Visiting Research Associate, Portland State University, Portland, Oregon July - October 2003.

PROFESSIONAL SOCIETIES:

1. Chemical Society of Nigeria
2. Science Association of Nigeria
3. American Chemical Society
4. Royal Chemical Society, London

PUBLISHED ARTICLES

1. E. U. Emovon and J. F. Ojo (1968). The reaction of Potassium atoms with ethyl iodide, cyclopentyl and cyclohexyl chlorides – Part 1 Chem. Comm. 199 - 200.
2. E. U. Emovon and J. F. Ojo (1969). The reaction of potassium atoms with pairs of ethyl iodide and each of bornyl, isobornly , endonorbornyl and exonorbornyl chlorides – Part II. Nig.J. Sci., 165 - 168.
3. E. U. Emovon and J. F. Ojo (1970). The reactions of potassium atoms with ethyl iodide, vinyl and cyclopropyl chlorides – Part III. Nig. J. Sc., 165 – 168.
4. E.U.Emovon and J.F. Ojo (1970). The reactions of potassium atoms with chlorotoluenes and ethyl iodide – Part IV. Nig. J.Sci., 4(2), 255 - 259.
5. J. F. Ojo, R. S. Taylor and A. G. Sykes (1975). The kinetics of the rapid monomer-dimer equilibration of molybdenum (VI) in aqueous perchlorate solutions. J. Chem.Soc., (Dalton Trans), 500 - 505.
6. R. K. Wharton, J. F, Ojo and A. G. Sykes (1975). Mechanism of the oxidation of the molybdenum(V)-ethylenediammine-tetraacetate dimer by hexachloro-iridate(IV) and tris(1,10-phenanthroline)iron(III).J.Chem.Soc., (Dalton Trans.), 1526 - 1530.

7. J. F.Ojo, Y. Sasaki and A.G. Sykes (1976). The kinetics and equilibrium of the reaction of Mo(IV)(aq) with thiocynate ion in perchlorate solution. Inorg. Chem 15, 1006-1009.

8. A. Adegite and J. F. Ojo (1977). Kinetics and Mechanism of reduction of thiocyanatopentaammine-cobalt (III) by titanium (III). Inorg. Chem. 16, 477 - 479.

9. A. Adegite, J. F. Ojo and J. F. Iyun (1977). Kinetics and Mechanism of the electron transfer reactions between U(III) and some ruthenium (III) complexes .J.Chem.Soc.(Dalton Trans.), 115 - 120.

10. A. Adegite, H. Eghoh, J. F. Ojo and R. Olieh (1977). Kinetics and Mechanism of the oxidation of U(III) by aqueous acidic solutions of Iodine and Bromine. J. Chem. Soc., (Dalton), 833 – 837.

11. A. Adegite, M. Dusumu and J. F.Ojo (1977). Kinetics and Mechanism of the reduction of azido-, thicyanato-, and isothiocyanatopentaammine-cobalt (III) complexes by hexaammine-Ru(II), tri-ethylenediamine)-Ru (II) and tris-(dipyridy)-Cr(II) in aqueous solution.J.Chem.Soc., (Dalton Trans), 630 – 634.

12. J. Ige, R. Nnadi, J. F. Ojo and O. Olubuyide (1978). Kinetics and Mechanism of the reduction of thiocyanato-, isothiocynato- and azidopentaammine – cobalt (III) by aquapentaammine-ruthenium (II) in aqueous solution J.Chem Soc., (Dalton Trans), 148 - 151.

13. N. Akinyugha, J. Ige, J. F. Ojo, O. Olubuyide and R. Simoyi (1978). Kinetics and Mechanism of the titanium(III) reduction of $Co(Phen)_3^{3+}$, $Co(C_2O_4)_3^{3-}$ and $Fe(phen)_3^{3+}$ in aqueous solutions. Inorg. Chem., 17, 218 - 221.

14. A. Adegite, J. E. Earley and J. F. Ojo (1979). Inner sphere redox reaction between titanium(III) and ruthenium (III). Inorg.Chem.,18, 1535 – 1537.

15. J. Ige, J. F. Ojo and O. Olubuyide(1979). Kinetics and Mechanism of the oxidation of tris(1,10-phenanthroline) iron (II) by chlorine and bromine and of the reduction tris-(1,10-phenanthroline) iron (III) by Iodide ions. Can.J. Chem., 57, 2065-2070.

16. A. Adewumi, J. Ige, J. F. Ojo and O. Olubuyide (1979). Kinetics and Mechanism of reduction of iodo-, and bromopentaammineruthenium (III) by Ti (III). Inorg. Chem. 18, 1399 - 1401.

17. B. D. Lass, J. F. Ojo and E. A. Schweikert (1980). Studies in Heavy Ion Activation Analysis IV: Li induced reaction for chemical analysis.J.Radional. Chem. 60, 255 – 260

18. B. D. Lass, J. F. Ojo and E. A. Schweikert (1980). Studies in Heavy Ion Activation Analysis V: Determination of carbon in steel. J. Radioanal. Chem., 60, 261 - 265.

19. J. Ige, J. F. Ojo and O. Olubuyide (1981). Kinetics of the outer sphere electron-transfer in some Ru(II)-Ru(III) reactions. Inorg. Chem., 20, 1757 - 1760.

20. J. F. Ojo, A. Ojudun and O. Olubuyide (1982). Kinetics and Mechanism of the oxidation of ruthenium(II) amines by oxalatotetraammine- and binoxalatotetraammine-cobalt(III)complexes. J.Chem Soc., (Dalton Trans.), 659 - 661.

21. B. D. Lass, N. G. Roche, A.O.Sanni, E.A. Schweikert and J.F. Ojo(1982). Heavy Ion Activation Analysis. J. Radional. Chem., 70, 151 - 272.

22. G. Daramola, J.F. Ojo, O. Olubuyide and F. Oriaifo (1982). Kinetics and Mechanism of the reduction of the halopentaammine-cobalt (III)complexes by ruthenium(II)species in aqueous solution.J.Chem.Soc.(Dalton Trans.), 2137 - 2140.

23. J. O. Ehighkahuo, J. F. Ojo and O. Olubuyide (1985): Kinetics and the Mechanism of the reduction of tris-oxalarocobaltate(III) ion by ruthenium(II) species in aqueous solution.J. Chem.Soc., (Dalton Trans.), 1665 - 1667.

24. J. F. Ojo, O. Olubuyide and O. Oyetunji (1986): The reduction of hydroxo- and aquapentaammine-cobalt(III) and of hydroxo- and aquapentacyanocobaltate(III) by aquapentaammine-ruthenium(II) in aqueous solution. Inorg. Chim. Acta., 119, L5 - L7 .

25. J. F. Ojo, O. Olubuyide and O. Oyetunji (1987). Substitution reactions between aquapentaammine-ruthenium(II) and thiocyanato-, protonated acetato-,cyano- and oxalato ligands in aqueous acid solutions. J. Chem. Soc. (Dalton Trans.), 957 - 959.

26. A. B. Adegboro, J. F. Ojo, O. Olubuyide and O. T. Sheyin (1987). Kinetics and Mechanism of the reductions of azido- and isothiocyanato-pentacyano-cobaltate(III) by ruthenium(III)-ammine species in aqueous solution. Inorg. Chim. Acta., 131, 247 – 251.

27. K. Lu., J. F. Ojo and J. E. Earley (1988). Non-bridging ligand effects as mechanistic probes in ruthenium (III)-titanium(III)electron-transfer reactions. Inorg. Chem.27, 2325 - 2330.

28. O. Oyetunji, O. Olubuyide and J. F. Ojo (1990). The reduction of azido, thiocyanato-and isothiocynato-pentacyanocobaltate(III)anions by titanium(III) in aqueous acidic solution. Bull.Chem.Soc., Japan 63, 601 - 604.

29. J. F. Ojo, O. Olubuyide and A. A. Okemgbo (1994). The reduction of malonatotetraammine- and Malonatopentaammine – cobalt (III) complexes by Titanium (III) in aqueous acidic solution. J.CHem.Soc. Nig. 19, 149 - 156.

30. J. F. Ojo, Y. Hasegawa, Y. Sasaki and S. Ikari (1990). Kinetics of the outer sphere oxidation of the mixed Mo(V)-W(V)dinuclear complex $[MoW(O)_2(\mu\text{-}O_2)(\mu\text{-}N,N'\text{-edta})]^{2-}$ and the mixed bridged complex, $[W_2(O)_2(\mu\text{-}O)(\mu\text{-}S)(\mu\text{-}N\text{-}N'\text{-edta})]^{2-}$ by $[Ir^{iv}Cl_6]^{2-}$ in aqueous solution. Inorg. Chem. 29, 1712 - 1716.

31. O. Oyetunji, O. Olubuyide, J. F. Ojo and J. E. Earley (1990). Reduction of $[Ru_2(CH_3COO)_4]^+$ and $[Co(C_2O_4)_3]^{3-}$ by Ti(III) complexes in aqueous acidic solution, Polyhed., 10,829 - 835.

32. O. Oyetunji, J. F. Ojo and M. Saidy (1991). Kinetics of the outer sphere oxidations of $[Mo_2OSedta]^{2-}$ and $[W_2S_2edta]^{2-}$ by $[Ir^{IV}Cl_6]^{2-}$ in aqueous perchlorate media.J.Chem.Soc.Nig. 16, 1 - 8.

33. O. Oyetunji, J. F. Ojo, O. Adedoja and O. Adebayo (1991). Outer sphere oxidations of $[Mo_2OSedta]^{2-}$ by $[(NH_3)_5CoO^{2-}Co(NH_3)_5]^{5+}$ in aqueous perchlorate media. J. Chem. Soc. Nig. 16, 20 - 28.

34. J. F. Ojo (1992). Nuclear Technique in Quality control in Industry (1992). Proceedings of the symposium on the Applications of Nuclear Technology for Socio-Economic Development of Nigeria. 17 – 19.

35. O. Oyetunji, J. F. Ojo, and O. Olubuyide (1994). The reduction of tris-(2,4-pentanedionato)-Cobalt(III), $Co(Pd)_3$ by $TiOH^{2+}$ and $Ti(CH_3COO)^{2+}$ in aqueous acid solution. Bull. Chem. Soc. Ethiopia, 8(2), 61 - 67.

36. J. F. Ojo. O. O. Olojo, O. Olubuyide and O. A. Oyetunji (1996). The reductions of Chloro-,Bromo- and Iodopentacyano-Cobaltate (III) Anions by Titanium (III) in aqueous acidic solution. Trans. Met.Chem.21, 123 - 126.

37. J. F. Ojo, Y. Hasegawa, Y. Sasaki, K. Kunimasa, M. Abe and N. Ohta (2000). Kinetics of Tris(1,10-Phenanthroline)iron(III) and Emission Quenching of Tris(2,2'-bipyridine)ruthenium(II) by Di- and Trinuclear Oxo-Acetato Bridged Ruthenium Complexes, Inorganic Reaction Mechanisms 2 , 301 - 311.

38. J. F. Ojo, P. A. Slavin, J. Reglinski, M. Garner, M. Spicer, A.R. Kennedy and S.J. Teat (2001). The synthesis of soft tripodal lingands: restrictions on the preparation of hydrotris(thiazolyl)borate anions from borohydride melts, Inorg. Chim., Acta, 313, 15 - 20.

39. John Reglinski, Mark D. Spicer, Jonathan F. Ojo, Gerard D. McAnally, Agnleszka Skorska, Susan J. Smith, and W. Ewen Smith (2003); Altering the Surface Characteristics of coated Silver surfaces. Soft Donors Allow the Direct Detection of isolated Porphrins Using Surface-Enhanced Resonance Raman Spectroscopy; Langmuir, 19, 6336-6338.

40. Christopher A. Dodds, Mario-Alexander Lehmann, Jonathan F. Ojo, John Reglinski, and Mark D. Spicer (2004), Cobalt Half-Sandwich, Sandwich and Mixed Sandwich Complexes with Soft Tripodal Ligands, Inorg.Chem., 43, 4927-4934.

41. J. F. Ojo, A. Otoikhian, O. Olojo and R. H. Simoyi (2004) . Oxyhalogen-Sulfur Chemistry: Non-linear Oxidation Kinetics of Hydroxymethanesulfinic acid by Acidic Iodate, J. Phys. Chem. A, 108, 2457 – 2463.

42. J.F. Ojo, J. Ige, G.O. Ogunlusi, O. Owoyomi and E.S. Olaseni (2006). Protonation of Chloro - , Bromo – and lodo – pentacynocobaltate (III) Complexes Trans.Met.Chem. Vol. 31, No 3, 337 – 339.

43. J.F. Ojo, J. Ige, G.O. Ogunlusi, O. Owoyomi and E.S. Olaseni (2006) Ion – pair formation in the outer – sphere electron transfer reactions between tris – (1,10) phenanthroline Iron (II) and the halopentacyano – cobaltate (III) complexes. Trans.Met.Chem. Vol. 31, 782 – 785.

44. Jonathan F. Ojo, Jeffrey L Petersen, Adenike Otoikhian, and Reuben H. Simoyi (2006): Organosulfur Oxoacids, Part I Synthesis, structure and reactivity of dimenthylaminoiminomethanesulfinic acid (DMAIMSA). Can. J. Chem. 84: 825 – 830.

45. J. F. Ojo, G. O. Ogunlusi and T. Adegoke (2007): Outer-Sphere electron-transfer and the effect of Linkage Isomerism in the titanium (III) reduction of nitrito-pentacyanocobaltate (III) and nitrite- and nitrito-pentaamminecobalt (III) complexes in aqueous acidic media. Trans. Met. Chem. 32, 662-665.

46. Grace O. Ogunlusi, Jide Ige, Olayinka A. Oyetunji, and Jonathan F. Ojo (2009): Intermediate and Ion-pair formation in the outer-sphere reactions between azido-pentacyanocobaltate(III) and iron(II) polypyridyl complexes in aqueous medium. Trans. Met. Chem. 34, 483-491.