

Publications

Research Publications

N. P. Sadler, S. L. Scott, A. Bakac, J. H. Espenson, M.S. Ram, Effect of Steric Crowding on the Rates of Reactions a Nickel(I) Tetraaza Macrocycle with Organic Halides and Hydroperoxides. *Inorganic Chemistry* 1989, 28, 3951

N. P. Sadler and Tara Dasgupta, Kinetics and Mechanism of Formation of the Chromatopentaamminecobalt(III) ion in Aqueous Solution. *Transition Metal Chemistry* 1992, 17, 31..

N. P. Sadler and Tara Dasgupta, Kinetics and Mechanism of Acid Hydrolysis of the Chromatopentaamminecobalt(III) ion in Aqueous Solution. *Transition Metal Chemistry* 1992, 17, 409.

D.D Dixon, N. P. Sadler and Tara Dasgupta, Mechanism of the Oxidation of L- Ascorbic Acid by the Chromate(VI) ion in Aqueous Solution. *Journal of the Chemical Society, Dalton Transactions*, 1993 348.

D.D Dixon, N. P. Sadler and Tara Dasgupta, Mechanism of the Oxidation of L- Ascorbic Acid by the Pentaammineaquacobalt(III) ion in Aqueous Solution. *Transition Metal Chemistry* 1995, 20, 295.

D.D Dixon, N. P. Sadler and Tara Dasgupta, Mechanism of the Oxidation of DL- Penicillamine and Glutathione by the Chromate(VI) ion in Aqueous Solution. *Journal of the Chemical Society, Dalton Transactions*, 1995, 2267.

N. P. Sadler, C.C. Chung and R. Milburn, Iron(III) Promoted Hydrolysis of 4. Nitrophenyl Phosphate. *Inorganic Chemistry* 1995, 34, 402.

N. P. Sadler and H. Jacobs, Improved Spectrophotometric Assay for Salbutamol in Various Pharmaceutical Preparations. *Talanta* 1995, 42, 1385.

D.D Dixon, N. P. Sadler and Tara Dasgupta, Mechanism of the Oxidation of L- Ascorbic Acid by the Chromatopentaamminecobalt(III) ion in Aqueous Solution. *Journal the Chemical Society, Dalton Transactions*, 1997, 190.

D.D Dixon, N. P. Sadler and Tara Dasgupta, Mechanism of the Oxidation of L-Ascorbic Acid by the Chromatopentaamminecobalt(III) ion in Aqueous Solution. *Journal the Chemical Society, Dalton Transactions*, 1997, 1903.

D.D Dixon, N. P. Sadler and Tara Dasgupta, Mechanism of the Oxidation of Thiol containing substrates by the Chromatopentaamminecobalt(III) ion in Aqueous Solution. *Inorganic Reaction Mechanisms* 1998, 1, 41-56..

K. Winkler, Novelette McKnight and W. Ronald Fawcett. Electron Transfer Kinetics of Tris(1,10-phenanthroline)ruthenium(II) Electrooxidation in Aprotic Solvents. *Journal of Physical Chemistry B*, 2000, 104, 3575-3580.

N. P. Sadler, R. Milburn, G. Rawji, M. Yamada. Cobalt(III) Promoted Hydrolysis of 4. Nitrophenyl Phosphate. The Role of Dinuclear Species *Inorganica Chimica Acta*, 2000 303, 167-174.

Novelette Sadler- McKnight and Marcia Rainford, Towards the Development of a Science Education Policy: An Analysis of the Curriculum Interventions and Reforms of Secondary Science in Post Colonial Jamaica Science Education in Context (Sense Publishers) 2008, 69-8. ISBN 9789087902476

Norda Stephenson and Novelette Sadler-McKnight, Students' Perceptions of Sociocultural Factors in the Chemistry Classroom. *Journal of Educational Development in the Caribbean*, Vol 12, 2, 1-26, 2010.