

### Group Publications

1. "Heteropoly blues. III. Preparation and stabilities of reduced 18-molybdodiphosphates", Papaconstantinou E. and Pope M.T., [Inorganic Chemistry, 1967, 6\(6\), pp. 1152-1155.](#)
2. "Heteropoly blues. II. Reduction of 2:18-tungstates", Pope M.T. and Papaconstantinou E., [Inorganic Chemistry, 1967, 6\(6\), pp. 1147-1152.](#)
3. "Oxidation-reduction chemistry of coordination complexes with macrocyclic ligands. The Cu(trans[14]diene)<sup>+</sup>-Cu(trans[14]diene)<sup>2+</sup> system. Electrochemical, spectral, and solution studies", Palmer J.M., Papaconstantinou E. and Endicott J.E., [Inorganic Chemistry, 1969, 8\(7\), pp. 1516-1523.](#)
4. "Heteropoly blues. V. Electronic spectra of one- to six-electron blues of 18-metallodiphosphate anions", Papaconstantinou E. and Pope M.T., [Inorganic Chemistry, 1970, 9\(3\), pp. 667-669.](#)
5. "Heteropoly blues. IV. Spectroscopic and magnetic properties of some reduced polytungstates", Varga Jr G.M., Papaconstantinou E. and Pope M.T., [Inorganic Chemistry, 1970, 9\(3\), pp. 662-667.](#)
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10. "Relative Redox Reactivity of Radicals from Substituted Carboxylic-Acids and Glycol Towards Heteropoly Electrolytes of Molybdenum and Tungsten", Papaconstantinou E., *Zeitschrift Fur Physikalische Chemie-Frankfurt*, 1977, 106(3-6), pp. 283-294.
  
11. "Radiolysis of Aqueous-Solutions of a Cu(II) Complex with a Macrocyclic Ligand - Redox Reactivity Towards Various Short-Lived Radicals Compared to Other Redox Reagents", Papaconstantinou E., Mantakamarketou A.E., Marketos D.G. and Rakintzis N.T., *Zeitschrift Fur Physikalische Chemie-Frankfurt*, 1977, 105(5-6), pp. 281-288.
  
12. "Reduction of several Co(III) ammine complexes by hydroxyalkyl radicals in aqueous solutions", Papaconstantinou E., [Journal of Inorganic and Nuclear Chemistry, 1978, 40\(12\), pp. 2071-2072.](#)
  
13. "Photochemistry of heteropoly electrolytes. The 18-molybdodiphosphate", Papaconstantinou E., Dimotikali D. and Politou A., [Inorganica Chimica Acta, 1980, 43\(C\), pp. 155-158.](#)
  
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## Nanomaterial based Catalytic - Photocatalytic Processes

Written by Hiskia Anastasia

Wednesday, 06 May 2009 10:06 - Last Updated Wednesday, 12 November 2014 13:14

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Written by Hiskia Anastasia

Wednesday, 06 May 2009 10:06 - Last Updated Wednesday, 12 November 2014 13:14

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