

# GENEALOGY DATABASE ENTRY

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Orton, Kennedy Joseph Previt 

1872 - 1930

DEGREE: PhD

DATE: 1897

PLACE: Heidelberg

TEACHER/RESEARCH ADVISOR: Auwers

investigated substitution in aromatic compounds, esp. anilines, and the migration of atoms; developed a method for the regulated chlorination of aromatic substances and for the production of acetic acid of known chlorine concentration; studied the mechanisms of organic reactions, esp. acylation and halogenation, and the action of nitric acid upon unsaturated hydrocarbons; studied the action of light on nitrogen iodide, the mutual miscibility of liquids, and the critical temperatures of ternary mixtures as a criterion of purity.

1. *Proc. Roy. Soc. London A* **1930**, *129*, xi - xiv.
2. *J. Chem. Soc.* **1931**, 1043-1048.
3. *Nature* **1930**, *125*, 898-899.