

GENEALOGY DATABASE ENTRY

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Walker, James

1863 - 1935

DEGREE: PhD

DATE: 1889

PLACE: Leipzig

TEACHER/RESEARCH ADVISOR: Ostwald

investigated the electrosynthesis of dibasic organic acids and the transformation of cyanates to ureas; during WWI, set up a factory for the manufacture of trinitrotoluene (TNT) manned by Univ. of Edinburgh faculty, staff, and students; studied ionization constants, hydrolysis, amphoteric electrolytes, and many other aspects of the van't Hoff-Arrhenius theory of solutions.

1. *Obit. Not. Fell. Roy. Soc.* **1932-35**, *1*, 537-549.
2. *Dictionary of National Biography*; Smith, Elder & Co.: 1908-1986; (1931-1940), p886-887.
3. *Nature* **1935**, *135*, 863-864.