

GENEALOGY DATABASE ENTRY

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Vorländer, Daniel

1867 - 1941

DEGREE: PhD

DATE: 1890

PLACE: Halle

TEACHER/RESEARCH ADVISOR: Tiemann

discovered the first liquid crystals -- azoxybenzoic acid esters; eventually prepared over 1000 such liquid crystal compounds and investigated their physical properties; studied chemistry of alpha, beta-unsaturated ketones; studied crystalline N₂ and conversion of N₂ to NH₃; investigated chemistry of quaternary ammonium salts.

FOOTNOTE: Although his PhD work was done at the University of Berlin under Tiemann, his degree was granted by the University of Halle where Vorländer went as an assistant to Volhard.

1. *Chem. Ber.* **1943**, 76, 41A-61A.