

# GENEALOGY DATABASE ENTRY

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Abegg, Richard

1869 - 1910

DEGREE: PhD

DATE: 1891

PLACE: Berlin

TEACHER/RESEARCH ADVISOR: Hofmann

discovered theory of freezing point depression; anticipated Lewis' octet rule by pointing out that the lowest and highest oxidation states of elements often differ by eight; studied alkali metal polyiodides, electrochemical potentials in non-aqueous solutions, and dielectric constant of ice; killed in a hot air balloon accident.

FOOTNOTE: Abegg learned organic chemistry from Hofmann, but one year after finishing his PhD degree turned to physical chemistry while studying with Ostwald. Abegg later served as Nernst's private assistant.

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2. *Am. Chem. J.* **1910**, 43, 563-564.
3. *Chem. Ber.* **1913**, 46, 619-628.
4. Partington, J. R. *A History of Chemistry*; Macmillan: 1964; vol. 4, p662.
5. Asimov, I. *Asimov's Biographical Encyclopedia of Science and Technology (2nd Ed.)*; Doubleday: 1982; p625.
6. *A Biographical Dictionary of Scientists*; Williams, T. I., Ed.; Wiley: 1969; p1.
7. *Z. Elektrochem.* **1910**, 16, 554-557.
8. *Neue Deutsche Biographie*; Duncker & Humblot: 1953-1990; vol. 1, p7.