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Ying-Ying Zheng

Applications of Hydrogen Peroxide and Derivatives Craig W. Jones,1999 Begins with a historical overview and guidelines for safe handling of peroxygens, then goes on to cover key activation mechanisms, organic functional group oxidations, and the use of hydrogen peroxide with heterogeneous catalysts. Discusses clean-up of environmental pollutants, chemical purification, and extraction of metals from their ores, using examples from industry. Coverage includes activation of hydrogen peroxide using inorganic and organic species, synthesis of fine chemicals, heterogeneous activation, and applications in pulp and paper and metal finishing. Distributed by Springer-Verlag. Annotation copyrighted by Book News, Inc., Portland, OR

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A Comprehensive Treatise on Inorganic and Theoretical Chemistry Joseph William Mellor,1922 Introduction to Inorganic Chemistry Alexander Smith,1917

Pharmaceutical Journal, 1903

Interactive School Science 9,

A Laboratory Outline of Elementary Chemistry Alexander Smith,1914

 ${\it Introductory~Qualitative~Analysis~Jacob~Cornog, Warren~Chase~Vosburgh, 1928}$

Journal of the Society of Chemical Industry Society of Chemical Industry (Great Britain),1905 Includes list of members, 1882-1902, proceedings of the annual meetings and various supplements.

The Journal of the Society of Chemical Industry ,1890

A Laboratory Outline of Intermediate Chemistry Alexander Smith, 1919

Exercises in Chemistry, Systematically Arranged to Accompany "An Elementary Study of Chemistry", Introductory College Course, by William Pherson and William Edwards Henderson William McPherson, 1925

A Laboratory Outline of Smith's Elementary Chemistry Alexander Smith, 1924

A Text-book of Inorganic Chemistry Fritz Ephraim, 1926

Harnessing Materials for X-ray Based Cancer Therapy and Imaging Surender Kumar Sharma, Hamed Nosrati, Taras Kavetskyy, 2022-10-31 This book discusses the efficacy of nanomaterial-based X-rays enhancers against cancer therapy and imaging in both in vitro and in vivo systems. Also, synthesis, mechanism, and the related biological effects are given. Moreover, nanoparticle-based contrast agents to enhance the image quality are compiled. Finally, special nanoparticle-based contrast agents to enhance the contrast for targeted cancer therapy are covered and discussed.

The Analyst, 1913 Vols. for 1876-June 1954 include Proceedings of the society.

Acta Radiologica ,1926

Chemistry, Inorganic and Organic Charles Loudon Bloxam,1923

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