Scientific Research OPEN access Search Keywords, Title, Author, ISBN, ISSN **Open** Access Books Conferences News About Us Home Journals Jobs Home > Journal > Social Sciences & Humanities > CE • Open Special Issues Indexing View Papers Aims & Scope Editorial Board Guideline Article Processing Charges • Published Special Issues CE> Vol.1 No.2, September 2010 • Special Issues Guideline OPEN OACCESS **CE Subscription** How Do We Introduce the Arrhenius Pre-Exponential Factor (A) to Graduate Students? Most popular papers in CE PDF (Size: 152KB) PP. 128-129 DOI: 10.4236/ce.2010.12019 About CE News Author(s) Vandanapu Jagannadham Frequently Asked Questions ABSTRACT A simple and easy understanding of Arrhenius pre-exponential factor (A) is described in this article for a Recommend to Peers graduate class-room lecture. **KEYWORDS** Recommend to Library Arrhenius Factor, Pre-Exponential Factor, Frequency Factor, Collision Number, Collision Frequency Contact Us Cite this paper Jagannadham, V. (2010). How Do We Introduce the Arrhenius Pre-Exponential Factor (A) to Graduate Downloads: 166,678 Students?. Creative Education, 1, 128-129. doi: 10.4236/ce.2010.12019. References 373,061 Visits: K. J. Laidler, " Chemical Kinetics," 2nd Edition, Tata-McGraw Hill, Inc., New York, 1973, pp 63-64. [1] M. Trautz and Z. Anorg, " Evaluation of Arrhenius Frequency Factor (A) by Simple Collision Theory," [2] Sponsors >> Chemistry, Vol. 96, No. 1, 1916. The Conference on Information W. C. M. Lewis, " Evaluation of Arrhenius Frequency Factor (A) by Simple Collision Theory Assuming [3] Technology in Education (CITE Atoms and Molecules As Hard Spheres," Journal of Chemistry Socialist, Vol. 113, 1918, p. 471. 2012)

> Home | About SCIRP | Sitemap | Contact Us Copyright © 2006-2013 Scientific Research Publishing Inc. All rights reserved.

D. R. Herschbach, H. S. Johnston, K. S. Pitzer and R. E. Powell, " Comparison of the Arrhenius

Frequency Factors (A) of Some Gas-Phase Reactions," Journal of Chemistry Physics, Vol. 25, 1956, p.

[4]

73