

HARRY MOSELEY RESOURCES

Recommended Reading

Heilbron, J. L. *H.G.J. Moseley: The Life and Letters of an English Physicist, 1887-1915.*

Berkeley: University of California Press, 1974. Heilbron's biography, which includes Moseley's letters to his mother (but not hers to him), is available at Google Books:

<http://books.google.co.uk/books?id=vO0d-SBw6DEC&printsec=frontcover#v=onepage&q&f=false>

Jaffe, Bernard. *Moseley and the Numbering of the Elements.* Garden City, New York: Doubleday & Company, 1971.

Reeves, Richard. *A Force of Nature: The Frontier Genius of Ernest Rutherford.* New York: W.W. Norton, 2008.

Websites of Interest

Wikipedia article on Harry Moseley

http://en.wikipedia.org/wiki/Henry_Moseley

American Physical Society article on Moseley

<http://www.aps.org/publications/apsnews/201208/physicshistory.cfm>

Website that analyzes Moseley's work on X-rays

<http://hyperphysics.phy-astr.gsu.edu/hbase/quantum/moseley.html>

A website with many accessible descriptions of key chemistry concepts, including their discovery. Includes links to many classic papers in chemistry and physics. For Moseley, the key section is the one on Atomic Structure, accessible at the second link below:

<http://www.chemteam.info/ChemTeamIndex.html>

<http://www.chemteam.info/AtomicStructure/AtomicStructure.html>

For Serious Students

Darwin, Charles G. "The Discovery of Atomic Number," in *Niels Bohr and the Development of Physics*, W. Pauli, ed. New York: McGraw-Hill, 1955.

Darwin, Charles G. "Moseley and the Atomic Numbers of the Elements," in *Rutherford at Manchester*, J. B. Birks, ed. New York: W. A. Benjamin Inc., 1963.

Evans, Ivor B. *Man of Power: The Life Story of Baron Rutherford of Nelson.* London: Stanley Paul & Co., 1939.

Weinberg, Steven *The Discovery of Subatomic Particles*. New York: W. H. Freeman and Company, 1983.

Wilson, David. *Rutherford: Simple Genius*. Cambridge, Mass.: MIT Press, 1983.

Selected Moseley Writings

Moseley, H. G. J. "The High-Frequency Spectra of the Elements," *Philosophical Magazine*, vol. 26, 1913, pp.1024-34. Also available here:

http://www.chemistry.co.nz/henry_moseley_article.htm

Moseley, H. G. J. "The High-Frequency Spectra of the Elements, Part II" *Philosophical Magazine*, vol. 27, 1914, pp. 703-13.

Selected Classic Papers from the History of Chemistry, including nine from Ernest Rutherford:

<http://web.lemoyne.edu/giunta/paperabc.html>