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Antoine Laurent de Lavoisier and respiration

Listen

Antoine Laurent de Lavoisier, who is considered to be the father of modern chemistry and one of the first to execute and exploit quantitative research through his experiments. He was open minded, studied mathematics and in accordance to his father's wishes pursued the study of Law, which influenced his interest in politics greatly. Let's begin by imagining a dinner party in Lavoisier's house. ...

Lavoisier and respiration
Full Story



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Biographies und historical backgrounds

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Educational Resources

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Student's Learning Activities	07/22/2015	224 KB (PDF)
Suggestions to Teachers	07/22/2015	179 KB (PDF)

Historical Ressources

A Primary Sources, French and English

Lavoisier, Antoine Laurent: Essays Physical and Chemical: By M. Lavoisier [...] Translated from the French, with Notes, and an Appendix, by Thomas Henry [...], London 1776.

Lavoisier, Antoine Laurent: Mémoires Sur Le Respiration Et La Transpiration Des Animaux, S.l. 1920, online available: <http://www.biodiversitylibrary.org/title/1592>.

B Secondary Sources, English

Beretta, Marco. 2012. Imaging the experiments on respiration and transpiration of Lavoisier and Séguin : Two unknown drawings by madame Lavoisier : Documenta inedita. Nuncius : annali di storia della scienza 27 (1):163-191, http://www.museogalileo.it/assets/files/pdf_news/Nuncius_027_01_2012_doc_inedita.pdf

Beretta, Marco (Ed.). 2005. Lavoisier in Perspective. München: Deutsches Museum.Culotta, Charles A: Respiration and the Lavoisier tradition: theory and modification, 1777-1850, Philadelphia 1972.

Karamanou M, Androustos G: Antoine-Laurent de Lavoisier (1743-1794) and the birth of respiratory physiology., in: Thorax 68, Ausgabe 10 (2013), S. 978-9, available online: doi:10.1136/thoraxjnl-2013-203840.

Proctor, Donald F: A history of breathing physiology, New York 1995.

Sprigge, J. S: Sir Humphry Davy; his researches in respiratory physiology and his debt to Antoine Lavoisier, in: ANAE Anaesthesia 57, Ausgabe 4 (2002), S. 357-364.

Underwood, Edgar Ashworth: Lavoisier and the history of respiration, London 1943.

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Story and all resources	4 MB (ZIP)

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