

# HPSCGA22: Early modern science

View Online



- 
1.  
Findlen P. Jokes of Nature and Jokes of Knowledge: The Playfulness of Scientific Discourse in Early Modern Europe. *Renaissance Quarterly*. 1990;43(2):292-331. doi:10.2307/2862366
  
  2.  
Porta G della. *Natural Magick*. printed for John Wright next to the sign of the Globe in Little-Britain; 1658.  
[http://gateway.proquest.com/openurl?ctx\\_ver=Z39.88-2003&res\\_id=xri:eebo&rf t\\_val\\_fmt=&rft\\_id=xri:eebo:image:34014](http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rf t_val_fmt=&rft_id=xri:eebo:image:34014)
  
  3.  
Biagioli M. Galileo's System of Patronage. *History of Science*. 1990;28:1-62.
  
  4.  
Galileo Galilei. *The Sidereal Messenger* (Excerpts). Published 1610.  
[https://en.wikisource.org/wiki/The\\_Sidereal\\_Messenger](https://en.wikisource.org/wiki/The_Sidereal_Messenger)
  
  5.  
Werrett, Simon. Wonders Never Cease: Descartes's 'Météores' and the Rainbow Fountain. *The British Journal for the History of Science*. Vol. 34(No. 2):129-147.
  
  - 6.

Steven Shapin. The House of Experiment in Seventeenth-Century England. *Isis*. 1988;79(3):373-404. <http://www.jstor.org/stable/234672>

7.

Hooke R. *Micrographia: Or Some Physiological Descriptions of Minute Bodies*. printed for John Martyn, printer to the Royal Society, and are to be sold at his shop at the Bell a little without Temple Barr; 1667.

[http://gateway.proquest.com/openurl?ctx\\_ver=Z39.88-2003&res\\_id=xri:eebo&rft\\_val\\_fmt=&rft\\_id=xri:eebo:image:38397](http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:38397)

8.

David Kubrin. Newton and the Cyclical Cosmos: Providence and the Mechanical Philosophy. *Journal of the History of Ideas*. 28(3):325-346.

9.

Isaac Newton, 'General Scholium'. <https://isaac-newton.org/general-scholium/>

10.

Schaffer S. Natural Philosophy and Public Spectacle in the Eighteenth Century. *History of Science*. 1983;21(1):1-43. doi:10.1177/007327538302100101

11.

Iliffe R. "Science and Voyages of Discovery".

12.

Banks explores Australia - The Endeavour Journal of Sir Joseph Banks. <http://gutenberg.net.au/ebooks05/0501141h.html#may1769>

13.

Roberts L. The death of the sensuous chemist: The 'new' chemistry and the transformation of sensuous technology. *Studies In History and Philosophy of Science Part A*.

1995;26(4):503-529. doi:10.1016/0039-3681(95)00013-5

14.

Lavoisier AL. Elements of Chemistry: In a New Systematic Order. printed for William Creech, and sold in London by G. G. and J. J. Robinsons; 1790.

[http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T138882&tiPG=1&dd=0&dc=flc&docNum=CW109285967&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl\\_ttda](http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T138882&tiPG=1&dd=0&dc=flc&docNum=CW109285967&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl_ttda)

15.

Grant E. Physical Science in the Middle Ages. Vol History of science. Cambridge University Press; 1977.

16.

Grant E. A Source Book in Medieval Science. Vol Source books in the history of the sciences. Harvard University Press; 1974.

17.

Lindberg DC. The Beginnings of Western Science: The European Scientific Tradition in Philosophical, Religious, and Institutional Context, Prehistory to A.D. 1450. 2nd ed. University of Chicago Press; 2007.

18.

Bartlett R. The Natural and the Supernatural in the Middle Ages: The Wiles Lecture given at the Queen's University of Belfast, 2006. Vol The Wiles lectures. Cambridge University Press; 2008.

19.

Kieckhefer R. Magic in the Middle Ages. Vol Canto Classics. 2nd ed. Cambridge University Press; 2014. <http://dx.doi.org/10.1017/CBO9781139923484>

20.

Ferngren GB. Science and Religion: A Historical Introduction. Johns Hopkins University Press; 2002.

21.

Westman, Robert S. The Copernican Question: Prognostication, Skepticism, and Celestial Order. University of California Press; 2011.

<https://www.dawsonera.com/guard/protected/dawson.jsp?name=https://shib-idp.ucl.ac.uk/shibboleth&dest=http://www.dawsonera.com/depp/reader/protected/external/AbstractView/S9780520948167>

22.

Cunningham A. The Anatomical Renaissance: The Resurrection of the Anatomical Projects of the Ancients. Scolar; 1997.

23.

Kraye J, ed. The Cambridge Companion to Renaissance Humanism. Vol Cambridge Companions to Literature. Cambridge University Press; 1996.

<http://dx.doi.org/10.1017/CCOL0521430380>

24.

Kristeller PO. Renaissance Thought: The Classic, Scholastic, and Humanistic Strains. Vol Harper torchbooks, TB1048. The Academy library. A rev. and enl. ed. of "The classics and Renaissance thought.". Harper; 1961.

25.

Debus AG. Man and Nature in the Renaissance. Vol Cambridge history of science. Cambridge University Press; 1978.

26.

Foucault, Michel. The Order of Things: An Archaeology of the Human Sciences. Vol Routledge classics. Routledge; 2002.

<http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9780203996645>

27.

Dear P. Chapter 2 - Humanism and ancient wisdom: How to learn things in the sixteenth century. In: *Revolutionizing the Sciences: European Knowledge and Its Ambitions, 1500-1700*. Palgrave; 2001:30-48.

28.

Porta G della. *Natural Magick*. printed for John Wright next to the sign of the Globe in Little-Britain; 1669.

[http://gateway.proquest.com/openurl?ctx\\_ver=Z39.88-2003&res\\_id=xri:eebo&rft\\_val\\_fmt=&rft\\_id=xri:eebo:image:34014](http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:34014)

29.

Galilei G, Van Helden A. *Sidereus Nuncius: Or, The Sidereal Messenger*. University of Chicago Press; 1989.

30.

Moran, Bruce. 'Courts and Academies'.

31.

Daston L. Curiosity in early modern science. *Word & Image*. 1995;11(4):391-404. doi:10.1080/02666286.1995.10435928

32.

Pamela H. Smith. Alchemy as a Language of Mediation at the Habsburg Court. *Isis*. 1994;85(1):1-25. <http://www.jstor.org/stable/235894>

33.

Azzolini M. *The Duke and the Stars: Astrology and Politics in Renaissance Milan*. Harvard University Press; 2013.

34.

Biagioli M. Galileo, Courtier: The Practice of Science in the Culture of Absolutism. Vol Science and its conceptual foundations. University of Chicago Press; 1993.

35.

Werrett, Simon. Chapter 2: Philosophies of fire: pyrotechny as alchemy, magic and mechanics. In: Fireworks: Pyrotechnic Arts and Sciences in European History. University of Chicago Press; 2010:47-72.  
<https://contentstore.cla.co.uk/secure/link?id=b2058382-3929-e811-80cd-005056af4099>

36.

Smith PH. The Body of the Artisan: Art and Experience in the Scientific Revolution. University of Chicago Press; 2004. <http://hdl.handle.net/2027/heb.06680>

37.

Gaukroger S. Descartes: An Intellectual Biography. Oxford University Press; 1995.  
<http://dx.doi.org/10.1093/0198237243.001.0001>

38.

Merchant C. The Death of Nature: Women, Ecology, and the Scientific Revolution. HarperCollins; 1989.

39.

Shea WR. The Magic of Numbers and Motion: The Scientific Career of René Descartes. 1st ed. Science History Publications; 1991.

40.

Bacon F, R. H. New Atlantis. Printed for John Crooke; 1660.  
[http://gateway.proquest.com/openurl?ctx\\_ver=Z39.88-2003&res\\_id=xri:eebo&rft\\_val\\_fmt=&rft\\_id=xri:eebo:image:206416](http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:206416)

41.

Martin J. Francis Bacon, the State and the Reform of Natural Philosophy. Cambridge University Press; 1991. <http://dx.doi.org/10.1017/CBO9780511553158>

42.

Gaukroger S. Francis Bacon and the Transformation of Early-Modern Philosophy. Cambridge University Press; 2001.

43.

Cottingham J, ed. The Cambridge Companion to Descartes. Vol Cambridge Companions to Philosophy. Cambridge University Press; 1992. <http://dx.doi.org/10.1017/CCOL0521366232>

44.

Hooke R. Micrographia: Or Some Physiological Descriptions of Minute Bodies Made by Magnifying Glasses:: With Observations and Inquiries Thereupon. By R. Hooke, Fellow of the Royal Society. printed for John Martyn, printer to the Royal Society, and are to be sold at his shop at the Bell a little without Temple Barr  
[http://gateway.proquest.com/openurl?ctx\\_ver=Z39.88-2003&res\\_id=xri:eebo&rft\\_val\\_fmt=&rft\\_id=xri:eebo:image:38397](http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:38397)

45.

Wilson, Catherine. Visual Surface and Visual Symbol: The Microscope and the Occult in Early Modern Science. *Journal of the History of Ideas*. 49(1):85-108.

46.

Boyle R. New Experiments Physico-Mechanical, Touching the Air. The third edition : whereunto is added a defence of the author's explication of the experiments, against the objections of Franciscus Linus and, Thomas Hobbs. Printed by Miles Flesher for Richard Davis, bookseller in Oxford; 1682.  
[http://gateway.proquest.com/openurl?ctx\\_ver=Z39.88-2003&res\\_id=xri:eebo&rft\\_val\\_fmt=&rft\\_id=xri:eebo:image:93491](http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:93491)

47.

Van Helden, Albert. The Telescope in the Seventeenth Century. *Isis*. 65(1):38-58.

48.

Review by: Deborah Jean Warner. What Is a Scientific Instrument, When Did It Become One, and Why? *The British Journal for the History of Science*. 23(1):83-93.

49.

Bennett, Jim. Presidential Address: Knowing and Doing in the Sixteenth Century: What Were Instruments For? *The British Journal for the History of Science*. 36(2):129-150.

50.

Hankins, Thomas L., Silverman, Robert J. *Instruments and the Imagination*. Princeton University Press; 1995.

51.

Pamela H. Smith. 'Laboratories'.

52.

Newton I, Cohen IB, Westfall RS. *Newton: Texts, Backgrounds, Commentaries*. Vol A Norton critical edition. 1st ed. W.W. Norton; 1995.

53.

Dobbs, B. J. T. Newton's Alchemy and His Theory of Matter. *Isis*. 73(4):511-528.

54.

Fauvel J. *Let Newton Be!* Oxford University Press; 1988.

55.

Fara P. *Newton: The Making of a Genius*. Macmillan; 2002.



56.

Iliffe R. Newton: A Very Short Introduction. Vol Very short introductions. Oxford University Press; 2007.

57.

Koyré, Alexandre. Newtonian Studies. Chapman & Hall; 1965.

58.

Westfall RS. Never at Rest: A Biography of Isaac Newton. Cambridge University Press; 1981. <http://dx.doi.org/10.1017/CBO9781107340664>

59.

Heilbron, J. L. The case of electricity. In: Elements of Early Modern Physics. University of California Press; 1982:159-240.

60.

Stewart, Larry. Public Lectures and Private Patronage in Newtonian England. Isis. 77(1):47-58.

61.

Schiebinger L. 'The Philosopher's Beard: Women and Gender in Science'.

62.

Euler L. Letters of Euler to a German Princess, on Different Subjects in Physics and Philosophy. Translated from the French by Henry Hunter, D.D. With Original Notes, and a Glossary of Foreign and Scientific Terms. In Two Volumes. printed for the translator, and for H. Murray; 1795.  
[http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T100446&tiPG=1&dd=0&dc=flc&docNum=CW109865269&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl\\_ttda](http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T100446&tiPG=1&dd=0&dc=flc&docNum=CW109865269&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl_ttda)

63.

Fara P. 'Marginalized Practices'.

64.

Outram, Dorinda. *The Enlightenment. Vol New approaches to European history.* 3rd ed. Cambridge University Press; 2013.

65.

Findlen, Paula. Science as a Career in Enlightenment Italy: The Strategies of Laura Bassi. *Isis.* 84(3):441-469.

66.

Sutton GV. *Science for a Polite Society: Gender, Culture, and the Demonstration of Enlightenment.* Westview Press; 1995.

67.

Lynn M. *Popular Science and Public Opinion in Eighteenth-Century France.* Vol Studies in early modern European history. Manchester University Press; 2006.

68.

Sivasundaram S. Sciences and the Global: On Methods, Questions, and Theory. *Isis.* 2010;101(1):146-158. doi:10.1086/652694

69.

Stewart L. 'Global Pillage'.

70.

Delbourgo J. *Sir Hans Sloane's Milk Chocolate and the Whole History of Cacao.*

71.

Raj K. *Relocating Modern Science: Circulation and the Construction of Scientific Knowledge in South Asia and Europe, Seventeenth to Nineteenth Centuries*. Palgrave Macmillan; 2007.

72.

Fara, Patricia. *Sex, Botany & Empire: The Story of Carl Linnaeus and Joseph Banks*. Vol *Revolutions in science*. Columbia University Press; 2003.

73.

Schaffer, Simon. *The Brokered World: Go-Betweens and Global Intelligence, 1770-1820*. Vol *Uppsala studies in history of science*. Science History Publications; 2009.

74.

Safier N. *Measuring the New World: Enlightenment Science and South America*. University of Chicago Press; 2008.

75.

Golinski J. 'Chemistry'.

76.

Golinski J. *Science as Public Culture: Chemistry and Enlightenment in Britain, 1760-1820*. Cambridge University Press; 1992.

77.

Crosland M. *Chemistry and the chemical revolution*. In: Rousseau GS, Porter R, eds. *The Ferment of Knowledge*. Cambridge University Press; 1980:389-416.  
doi:10.1017/CBO9780511572982.011

78.

Priestley J. Experiments and Observations on Different Kinds of Air: Vol. II. By Joseph Priestley. The second edition. printed for J. Johnson; 1776.

[http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T033836&tiPG=1&dd=0&dc=flc&docNum=CW109001842&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl\\_ttda](http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T033836&tiPG=1&dd=0&dc=flc&docNum=CW109001842&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl_ttda)

79.

Lavoisier AL. Elements of Chemistry: In a New Systematic Order. printed for William Creech, and sold in London by G. G. and J. J. Robinsons; 1790.

[http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T138882&tiPG=1&dd=0&dc=flc&docNum=CW109285967&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl\\_ttda](http://galenet.galegroup.com/servlet/ECCO?c=1&stp=Author&ste=11&af=BN&ae=T138882&tiPG=1&dd=0&dc=flc&docNum=CW109285967&vrsn=1.0&srchtp=a&d4=0.33&n=10&SU=0LRM&locID=ucl_ttda)

80.

Mokyr, Joel. The Intellectual Origins of Modern Economic Growth. *The Journal of Economic History*. 65(2):285-351.

81.

Musson AE, Robinson E. *Science and Technology in the Industrial Revolution*. Manchester U.P; 1969.

82.

Jacob MC, Stewart L. *Practical Matter: Newton's Science in the Service of Industry and Empire, 1687-1851*. Vol New histories of science, technology, and medicine. Harvard University Press; 2004.