

HPSCGA22: Early modern science

View Online



1.

Shank MH. That the Medieval Christian church suppressed the growth of science. Galileo goes to jail, and other myths about science and religion [Internet]. Cambridge, Mass: Harvard University Press; 2009. p. 19–27. Available from: <https://contentstore.cla.co.uk/secure/link?id=d06b7ffe-8303-e911-80cd-005056af4099>

2.

Kibre P, Siraisi NG. The institutional setting: the universities. Science in the Middle Ages. Chicago: University of Chicago Press; 1978. p. 120–144.

3.

Dear P. Chapter 2 - Humanism and ancient wisdom: How to learn things in the sixteenth century. Revolutionizing the sciences: European knowledge and its ambitions, 1500-1700. Basingstoke: Palgrave; 2001. p. 30–48.

4.

Paula Findlen. Jokes of Nature and Jokes of Knowledge: The Playfulness of Scientific Discourse in Early Modern Europe. Renaissance Quarterly. The University of Chicago Press; 1990;43(2):292–331.

5.

Moran, Bruce. 'Courts and Academies'. Cambridge: Cambridge University Press; 2008.

6.

Biagioli M. Galileo's System of Patronage. *History of Science. Astrophysics Data System (ADS)*; 1990;28:1–62.

7.

Werrett, Simon. Chapter 2: Philosophies of fire: pyrotechny as alchemy, magic and mechanics. *Fireworks: pyrotechnic arts and sciences in European history* [Internet]. Chicago: University of Chicago Press; 2010. p. 47–72. Available from: <https://contentstore.cla.co.uk/secure/link?id=b2058382-3929-e811-80cd-005056af4099>

8.

Werrett, Simon. Wonders Never Cease: Descartes's 'Météores' and the Rainbow Fountain. *The British Journal for the History of Science*. Cambridge University Press; Vol. 34(No. 2):129–147.

9.

Steven Shapin. The House of Experiment in Seventeenth-Century England. *Isis* [Internet]. The University of Chicago Press; 1988;79(3):373–404. Available from: <http://www.jstor.org/stable/234672>

10.

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

11.

Dobbs, B. J. T. Newton's Alchemy and His Theory of Matter. *Isis*. The University of Chicago Press; 73(4):511–528.

12.

David Kubrin. Newton and the Cyclical Cosmos: Providence and the Mechanical Philosophy. *Journal of the History of Ideas*. University of Pennsylvania Press; 28(3):325–346.

13.

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

14.

Schiebinger L. 'The Philosopher's Beard: Women and Gender in Science'. 2008.

15.

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

16.

Iliffe R. "Science and Voyages of Discovery". 2008.

17.

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 Dec;26(4):503-529.

18.

David Philip Miller. The Usefulness of Natural Philosophy: The Royal Society and the Culture of Practical Utility in the Later Eighteenth Century. *The British Journal for the History of Science* [Internet]. Cambridge University Press; 1999;32(2):185-201. Available from:

<http://www.jstor.org/stable/4028083?&Search=yes&searchText=usefulness&searchText=utility&searchText=philosophy&searchText=dauid&searchText=natural&searchText=miller&list=hide&searchUri=%252Faction%252FdoBasicSearch%253FQuery%253Ddauid%252Bmiller%252Busefulness%252Bnatural%252Bphilosophy%252Butility%2526Search%253DSearch%2526gw%253Djtx%2526prq%253Ddauid%252Bmiller%252Busefulness%252Bnatural%252Bphilosophy%2526hp%253D25%2526acc%253Don%2526aori%253Da%2526wc%253Don%2526fc%253Doff&prevSearch=&item=2&ttl=1739&returnArticleService=showFullText>

19.

Grant E. Physical science in the Middle Ages. Cambridge: Cambridge University Press; 1977.

20.

Grant E. A Source book in Medieval Science. Cambridge, MA: Harvard University Press; 1974.

21.

Lindberg DC. The beginnings of western science: the European scientific tradition in philosophical, religious, and institutional context, prehistory to A.D. 1450. 2nd ed. Chicago: University of Chicago Press; 2007.

22.

Bartlett R. The natural and the supernatural in the Middle Ages: the Wiles lecture given at the Queen's University of Belfast, 2006. Cambridge: Cambridge University Press; 2008.

23.

Kieckhefer R. Magic in the Middle Ages [Internet]. 2nd ed. Cambridge: Cambridge University Press; 2014. Available from: <http://dx.doi.org/10.1017/CBO9781139923484>

24.

Ferngren GB. Science and religion: a historical introduction. Baltimore, Md: Johns Hopkins University Press; 2002.

25.

Westman, Robert S. The Copernican question: prognostication, skepticism, and celestial order [Internet]. Berkeley: University of California Press; 2011. Available from: <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>

26.

Cunningham A. The anatomical renaissance: the resurrection of the anatomical projects of the ancients. Aldershot: Scolar; 1997.

27.

Kraye J, editor. The Cambridge Companion to Renaissance Humanism [Internet]. Cambridge: Cambridge University Press; 1996. Available from: <http://dx.doi.org/10.1017/CCOL0521430380>

28.

Kristeller PO. Renaissance thought: the classic, scholastic, and humanistic strains. A rev. and enl. ed. of "The classics and Renaissance thought.". New York: Harper; 1961.

29.

Debus AG. Man and nature in the Renaissance. Cambridge: Cambridge University Press; 1978.

30.

Foucault, Michel. The order of things: an archaeology of the human sciences [Internet]. London: Routledge; 2002. Available from: <http://www.vlebooks.com/vleweb/product/openreader?id=UCL&isbn=9780203996645>

31.

Porta G della. Natural Magick [Internet]. London: printed for John Wright next to the sign of the Globe in Little-Britain; 1669. Available from: http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:34014

32.

Galilei G, Van Helden A. Sidereus nuncius: or, The Sidereal messenger. Chicago: University of Chicago Press; 1989.

33.

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

34.

Pamela H. Smith. Alchemy as a Language of Mediation at the Habsburg Court. *Isis* [Internet]. The University of Chicago Press; 1994;85(1):1-25. Available from: <http://www.jstor.org/stable/235894>

35.

Azzolini M. *The duke and the stars: astrology and politics in Renaissance Milan*. Cambridge, Mass: Harvard University Press; 2013.

36.

Biagioli M. *Galileo, courtier: the practice of science in the culture of absolutism*. Chicago: University of Chicago Press; 1993.

37.

Smith PH. *The body of the artisan: art and experience in the scientific revolution* [Internet]. Chicago: University of Chicago Press; 2004. Available from: <http://hdl.handle.net/2027/heb.06680>

38.

Gaukroger S. *Descartes: an intellectual biography* [Internet]. Oxford: Oxford University Press; 1995. Available from: <http://dx.doi.org/10.1093/0198237243.001.0001>

39.

Merchant C. *The death of nature: women, ecology, and the scientific revolution*. New York: HarperCollins; 1989.

40.

Shea WR. The magic of numbers and motion: the scientific career of René Descartes. 1st ed. Canton, MA: Science History Publications; 1991.

41.

Bacon F, R. H. New Atlantis [Internet]. London: Printed for John Crooke; 1660. Available from:
http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:206416

42.

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

43.

Gaukroger S. Francis Bacon and the transformation of early-modern philosophy. Cambridge, U.K.: Cambridge University Press; 2001.

44.

Cottingham J, editor. The Cambridge Companion to Descartes [Internet]. Cambridge: Cambridge University Press; 1992. Available from:
<http://dx.doi.org/10.1017/CCOL0521366232>

45.

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 [Internet]. London: 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; Available from:
http://gateway.proquest.com/openurl?ctx_ver=Z39.88-2003&res_id=xri:eebo&rft_val_fmt=&rft_id=xri:eebo:image:38397

46.

Boyle R. New experiments physico-mechanical, touching the air [Internet]. 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. [London: Printed by Miles Flesher for Richard Davis, bookseller in Oxford; 1682. Available from: 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*. The University of Chicago Press; 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*. Cambridge University Press; 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*. Cambridge University Press; 36(2):129–150.

50.

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

51.

Pamela H. Smith. *'Laboratories'*. Cambridge: Cambridge University Press; 2008.

52.

Newton I, Cohen IB, Westfall RS. *Newton: texts, backgrounds, commentaries*. 1st ed. New York, NY: W.W. Norton; 1995.

53.

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

54.

Fara P. *Newton: the making of a genius.* London: Macmillan; 2002.

55.

Iliffe R. *Newton: a very short introduction.* Oxford: Oxford University Press; 2007.

56.

Koyré, Alexandre. *Newtonian studies.* London: Chapman & Hall; 1965.

57.

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

58.

Heilbron, J. L. *The case of electricity. Elements of early modern physics.* Berkeley: University of California Press; 1982. p. 159–240.

59.

Stewart, Larry. *Public Lectures and Private Patronage in Newtonian England.* Isis. The University of Chicago Press; 77(1):47–58.

60.

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 [Internet]. London: printed for the translator, and for H. Murray; 1795. Available from: 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

61.

Fara P. 'Marginalized Practices'. 2008.

62.

Outram, Dorinda. *The Enlightenment*. 3rd ed. Cambridge: Cambridge University Press; 2013.

63.

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

64.

Sutton GV. *Science for a polite society: gender, culture, and the demonstration of enlightenment*. Boulder, Colo: Westview Press; 1995.

65.

Lynn M. *Popular science and public opinion in eighteenth-century France*. Manchester: Manchester University Press; 2006.

66.

Sivasundaram S. *Sciences and the Global: On Methods, Questions, and Theory*. *Isis*. 2010;101(1):146–158.

67.

Stewart L. 'Global Pillage'. 2008.

68.

Raj K. *Relocating modern science: circulation and the construction of scientific knowledge*

in South Asia and Europe, seventeenth to nineteenth centuries. Basingstoke: Palgrave Macmillan; 2007.

69.

Fara, Patricia. *Sex, botany & empire: the story of Carl Linnaeus and Joseph Banks*. New York: Columbia University Press; 2003.

70.

Schaffer, Simon. *The brokered world: go-betweens and global intelligence, 1770-1820*. Sagamore Beach, Mass: Science History Publications; 2009.

71.

Safier N. *Measuring the new world: enlightenment science and South America*. Chicago: University of Chicago Press; 2008.

72.

Golinski J. 'Chemistry'. 2008.

73.

Golinski J. *Science as public culture: chemistry and enlightenment in Britain, 1760-1820*. Cambridge: Cambridge University Press; 1992.

74.

Crosland, M. *Chemistry and the chemical revolution. The Ferment of knowledge: studies in the historiography of eighteenth-century science*. Cambridge: Cambridge University Press; 1980. p. 389-416.

75.

Priestley J. *Experiments and observations on different kinds of air: Vol. II*. By Joseph Priestley [Internet]. The second edition. London: printed for J. Johnson; 1776. Available from:

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

76.

Lavoisier AL. Elements of chemistry: in a new systematic order [Internet]. Edinburgh: printed for William Creech, and sold in London by G. G. and J. J. Robinsons; 1790. Available from:

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

77.

Mokyr, Joel. The Intellectual Origins of Modern Economic Growth. *The Journal of Economic History*. Cambridge University Press; 65(2):285–351.

78.

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

79.

Jacob MC, Stewart L. *Practical matter: Newton's science in the service of industry and empire, 1687-1851*. Cambridge, Mass: Harvard University Press; 2004.