

# BIBLIOGRAPHY

- Aaboe, Asger. "On Babylonian Planetary Theories." *Centaurus* 5 (1958): 209–77.
- Ackrill, J. L. *Aristotle the Philosopher*. Oxford: Clarendon Press, 1981.
- Adams, Marilyn McCord. *William Ockham*, 2 vols. Notre Dame, Ind.: University of Notre Dame Press, 1987.
- Albert the Great. *Man and the Beasts, De animalibus (books 22–26)*, trans. James J. Scanlan. Medieval & Renaissance Texts & Studies, no. 47. Binghamton: Center for Medieval and Early Renaissance Studies, 1987.
- Amundsen, Darrel W. "Medicine and Faith in Early Christianity." *Bulletin of the History of Medicine* 56 (1982): 326–50.
- \_\_\_\_\_. "Medieval Canon Law on Medical and Surgical Practice by the Clergy." *Bulletin of the History of Medicine* 52 (1978): 22–44.
- \_\_\_\_\_. "The Medieval Catholic Tradition." In Numbers, Ronald L., and Amundsen, Darrel W., eds., *Caring and Curing: Health and Medicine in the Western Religious Traditions*, pp. 65–107. New York: Macmillan, 1986.
- Amundsen, Darrel W., and Ferngren, Gary B. "The Early Christian Tradition." In Numbers, Ronald L., and Amundsen, Darrel W., eds., *Caring and Curing: Health and Medicine in the Western Religious Traditions*, pp. 40–64. New York: Macmillan, 1986.
- Anawati, G. C. "Hunayn ibn Ishāq." *Dictionary of Scientific Biography*, 15:230–34.
- Anawati, G. C., and Iskandar, Albert Z. "Ibn Sīnā." *Dictionary of Scientific Biography*, 15:494–501.
- Archimedes. *Archimedes in the Middle Ages*, ed. and trans. Marshall Clagett, 5 vols. Madison: University of Wisconsin Press, 1964; Philadelphia: American Philosophical Society, 1976–1984.
- \_\_\_\_\_. *The Works of Archimedes: Edited in Modern Notation, with Introductory Chapters*, ed. Thomas L. Heath, 2d ed. Cambridge: Cambridge University Press, 1912.
- Aristotle. *Complete Works*, ed. Jonathan Barnes, 2 vols. Princeton: Princeton University Press, 1984.
- \_\_\_\_\_. *Metaphysics*, trans. Hugh Tredennick, 2 vols. London: Heinemann, 1935.
- Armstrong, A. H., ed. *The Cambridge History of Later Greek and Early Medieval Philosophy*. Cambridge: Cambridge University Press, 1970.

- Armstrong, A. H., and Markus, R. A. *Christian Faith and Greek Philosophy*. London: Darton, Longman, & Todd, 1960.
- Arnaldez, Roger, and Iskandar, Albert Z. "Ibn Rushd." *Dictionary of Scientific Biography*, 12:1-9.
- Arts libéraux et philosophie au moyen âge: Actes du quatrième congrès international de philosophie médiévale, Université de Montréal, 27 août-2 septembre 1967*. Montreal: Institut d'études médiévales, 1969.
- Ashley, Benedict M. "St. Albert and the Nature of Natural Science." In Weisheipl, James A., ed., *Albertus Magnus and the Sciences: Commemorative Essays 1980*, pp. 73-102. Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- Ashworth, William B., Jr. "Natural History and the Emblematic World View." In Lindberg, David C., and Westman, Robert S., eds., *Reappraisals of the Scientific Revolution*, pp. 303-32. Cambridge: Cambridge University Press, 1990.
- Asmis, Elizabeth. *Epicurus' Scientific Method*. Ithaca: Cornell University Press, 1984.
- Bailey, Cyril. *The Greek Atomists and Epicurus*. Oxford: Clarendon Press, 1928.
- Baldwin, John W. *Masters, Princes, and Merchants: The Social Views of Peter the Chanter and His Circle*, 2 vols. Princeton: Princeton University Press, 1970.
- . *The Scholastic Culture of the Middle Ages*. Lexington, Mass.: D. C. Heath, 1971.
- Balme, D. M. "The Place of Biology in Aristotle's Philosophy." In Gotthelf, Allan, and Lennox, James G., eds., *Philosophical Issues in Aristotle's Biology*, pp. 9-20. Cambridge: Cambridge University Press, 1987.
- Barnes, Jonathan. *Aristotle*. Oxford: Oxford University Press, 1982.
- . "Aristotle's Theory of Demonstration." In Barnes, Schofield, and Sorabji, *Articles on Aristotle*, I: *Science*, pp. 65-87. London: Duckworth, 1975.
- . *The Presocratic Philosophers*, 2 vols. London: Routledge & Kegan Paul, 1979.
- Barnes, Jonathan; Brunschwig, Jacques; Burnyeat, Myles; and Schofield, Malcolm, eds. *Science and Speculation: Studies in Hellenistic Theory and Practice*. Cambridge: Cambridge University Press, 1982.
- Barnes, Jonathan; Schofield, Malcolm; and Sorabji, Richard, eds., *Articles on Aristotle*, I: *Science*. London: Duckworth, 1975.
- Barrow, Robin. *Greek and Roman Education*. London: Macmillan, 1967.
- Basalla, George, ed. *The Rise of Modern Science: Internal or External Factors?* Lexington, Mass.: D. C. Heath, 1968.
- Beaujouan, Guy. "Motives and Opportunities for Science in the Medieval Universities." In Crombie, A.C., ed., *Scientific Change*, pp. 219-36. London: Heinemann, 1963.
- . "The Transformation of the Quadrivium." In Benson, Robert L., and Constable, Giles, eds., *Renaissance and Renewal in the Twelfth Century*, pp. 463-87. Cambridge, Mass.: Harvard University Press, 1982.
- Benjamin, Francis S., and Toomer, G. J., eds. and trans. *Campanus of Novara and Medieval Planetary Theory: 'Theorica planetarum'*. Madison: University of Wisconsin Press, 1971.
- Benson, Robert L., and Constable, Giles, eds. *Renaissance and Renewal in the Twelfth Century*. Cambridge, Mass.: Harvard University Press, 1982.

- Benton, John. "Trotula, Women's Problems, and the Professionalization of Medicine in the Middle Ages." *Bulletin of the History of Medicine* 59 (1985): 30–53.
- Berggren, J. L. "History of Greek Mathematics: A Survey of Recent Research." *Historia Mathematica* 11 (1984): 394–410.
- Biggs, Robert. "Medicine in Ancient Mesopotamia." *History of Science* 8 (1969): 94–105.
- Birkenmajer, Aleksander. "Le rôle joué par les médecins et les naturalistes dans la réception d'Aristote au XII<sup>e</sup> et XIII<sup>e</sup> siècles." In Birkenmajer, Aleksander, *Etudes d'histoire des sciences et de philosophie du moyen âge*, pp. 73–87. Studia Copernicana, no. 1. Wrocław: Ossolineum, 1970.
- Al-Bitrūjī. *On the Principles of Astronomy*, ed. and trans. Bernard R. Goldstein, 2 vols. New Haven: Yale University Press, 1971.
- Blair, Peter Hunter. *The World of Bede*. Cambridge: Cambridge University Press, 1970.
- Boethius of Dacia. *On the Supreme Good, On the Eternity of the World, On Dreams*, trans. John F. Wippel. Mediaeval Sources in Translation, no. 30. Toronto: Pontifical Institute of Mediaeval Studies, 1987.
- Bonner, Stanley F. *Education in Ancient Rome: From the Elder Cato to the Younger Pliny*. Berkeley and Los Angeles: University of California Press, 1977.
- Boyer, Carl B. *A History of Mathematics*. New York: John Wiley, 1968.
- . *The Rainbow: From Myth to Mathematics*. New York: Yoseloff, 1959.
- Brain, Peter. *Galen on Bloodletting: A Study of the Origins, Development and Validity of His Opinions, with a Translation of the Three Works*. Cambridge: Cambridge University Press, 1986.
- Brandon, S. G. F. *Creation Legends of the Ancient Near East*. London: Hodder and Stoughton, 1963.
- Breasted, James Henry. *Development of Religion and Thought in Ancient Egypt*. New York: Scribner's, 1912.
- . *The Edwin Smith Surgical Papyrus*, 2 vols. University of Chicago, Oriental Institute Publications, 3–4. Chicago: University of Chicago Press, 1930.
- Brehaut, Ernest. *An Encyclopedist of the Dark Ages: Isidore of Seville*. New York: Columbia University, 1912.
- Brown, Peter. *Augustine of Hippo: A Biography*. Berkeley and Los Angeles: University of California Press, 1969.
- . *The Cult of Saints: Its Rise and Function in Latin Christianity*. Chicago: University of Chicago Press, 1981.
- Bullough, Vern L. "Chauliac, Guy de." *Dictionary of Scientific Biography*, 3:218–19.
- . *The Development of Medicine as a Profession: The Contribution of the Medieval University to Modern Medicine*. Basel: Karger, 1966.
- . "Mondino de' Luzzi." *Dictionary of Scientific Biography*, 9:467–69.
- Burckhardt, Jacob. *The Civilization of the Renaissance in Italy*, trans. S. G. C. Middlemore. New York: Modern Library, 1954.
- Burnett, Charles S. F., ed. *Adelard of Bath: An English Scientist and Arabist of the Early Twelfth Century*. Warburg Institute Surveys and Texts, no. 14. London: The Warburg Institute, 1987.
- . "Scientific Speculations." In Dronke, Peter, ed., *A History of Twelfth-*

- Century Western Philosophy*, pp. 155–66. Cambridge: Cambridge University Press, 1988.
- . “Translation and Translators, Western European.” *Dictionary of the Middle Ages*, 12: 136–42.
- . “What is the *Experimentarius* of Bernardus Silvestris? A Preliminary Survey of the Material.” *Archives d'histoire doctrinale et littéraire du moyen âge* 44 (1977): 79–125.
- Bynum, Caroline Walker. “Did the Twelfth Century Discover the Individual?” *Journal of Ecclesiastical History* 31 (1980): 1–17.
- Cadden, Joan. “Albertus Magnus’ Universal Physiology: the Example of Nutrition.” In Weisheipl, James A., ed., *Albertus Magnus and the Sciences: Commemorative Essays 1980*, pp. 321–29. Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- Callus, D. A. “Introduction of Aristotelian Learning to Oxford.” *Proceedings of the British Academy* 29 (1943): 229–81.
- , ed. *Robert Grosseteste, Scholar and Bishop: Essays in Commemoration of the Seventh Centenary of His Death*. Oxford: Clarendon Press, 1955.
- Cameron, M. L. “The Sources of Medical Knowledge in Anglo-Saxon England.” *Anglo-Saxon England* 11 (1983): 135–52.
- Caroti, Stefano. “Nicole Oresme’s Polemic against Astrology in His ‘Quodlibeta’.” In Curry, Patrick, ed., *Astrology, Science and Society: Historical Essays*, pp. 75–93. Woodbridge, Suffolk: Boydell, 1987.
- Carré, Meyrick H. *Realists and Nominalists*. Oxford: Clarendon Press, 1946.
- Catto, J. I., ed. *The Early Oxford Schools*. Vol. 1 of *The History of the University of Oxford*, general ed. T. H. Aston. Oxford: Clarendon Press, 1984.
- Celsus, Aulus Cornelius. *De medicina, with an English Translation*, trans. W. G. Spencer, 3 vols. London: Heinemann, 1935–38.
- Chadwick, Henry. *Early Christian Thought and the Classical Tradition: Studies in Justin, Clement, and Origen*. New York: Oxford University Press, 1966.
- . *The Early Church*. Harmondsworth: Penguin, 1967.
- Chenu, M.-D. *Nature, Man, and Society in the Twelfth Century: Essays on New Theological Perspectives in the Latin West*, trans. Jerome Taylor and Lester K. Little. Chicago: University of Chicago Press, 1968. Originally published as *La théologie au douzième siècle*. Paris: J. Vrin, 1957.
- . *Toward Understanding St. Thomas*, ed. and trans. A.-M. Landry and D. Hughes. Chicago: Henry Regnery, 1964.
- Cherniss, Harold. *The Riddle of the Early Academy*. Berkeley and Los Angeles: University of California Press, 1945.
- Clagett, Marshall. *Ancient Egyptian Science: A Source Book*, vol. 1. Philadelphia: American Philosophical Society, 1989.
- , ed. *Critical Problems in the History of Science*. Madison: University of Wisconsin Press, 1962.
- . *Giovanni Marliani and Late Medieval Physics*. New York: Columbia University Press, 1941.
- . *Greek Science in Antiquity*. London: Abelard-Schuman, 1957.
- . “The *Liber de motu* of Gerard of Brussels and the Origins of Kinematics in the West.” *Osiris*, 1st ser., 12 (1956): 73–175.

- \_\_\_\_\_, ed. and trans. *Nicole Oresme and the Medieval Geometry of Qualities and Motions*. Madison: University of Wisconsin Press, 1968.
- \_\_\_\_\_. *The Science of Mechanics in the Middle Ages*. Madison: University of Wisconsin Press, 1959.
- \_\_\_\_\_. "Some Novel Trends in the Science of the Fourteenth Century." In Singleton, Charles S., ed., *Art, Science, and History in the Renaissance*, pp. 275–303. Baltimore: Johns Hopkins University Press, 1968.
- \_\_\_\_\_. *Studies in Medieval Physics and Mathematics*. London: Variorum, 1979.
- Clark, Willene B., and McMunn, Meradith T., eds. *Beasts and Birds of the Middle Ages*. Philadelphia: University of Pennsylvania Press, 1989.
- Clarke, M. L. *Higher Education in the Ancient World*. London: Routledge & Kegan Paul, 1971.
- Cobban, Alan B. *The Medieval English Universities: Oxford and Cambridge to c. 1500*. Aldershot: Scolar Press, 1988.
- \_\_\_\_\_. *The Medieval Universities: Their Development and Organization*. London: Methuen, 1975.
- Cochrane, Charles N. *Christianity and Classical Culture: A Study of Thought and Action from Augustus to Augustine*. Oxford: Clarendon Press, 1940.
- Cohen, Morris R., and Drabkin, I. E., eds. *A Source Book in Greek Science*. Cambridge, Mass.: Harvard University Press, 1958.
- Colish, Marcia L. *The Stoic Tradition from Antiquity to the Early Middle Ages*, 2 vols. Leiden: Brill, 1985.
- Collingwood, R. G. *The Idea of Nature*. Oxford: Clarendon Press, 1945.
- Contreni, John J. *The Cathedral School of Laon from 850 to 930: Its Manuscripts and Masters*. Münchener Beiträge zur Mediävistik und Renaissance-Forschung, vol. 29. Munich: Arbeo-Gesellschaft, 1978.
- \_\_\_\_\_. "Schools, Cathedral." *Dictionary of the Middle Ages*, 11:59–63.
- Coopland, G. W. *Nicole Oresme and the Astrologers: A Study of His Livre de divinations*. Cambridge, Mass.: Harvard University Press, 1952.
- Copenhaver, Brian P. "Natural Magic, Hermetism, and Occultism in Early Modern Science." In Lindberg, David C., and Westman, Robert S., eds., *Reappraisals of the Scientific Revolution*, pp. 261–301. Cambridge: Cambridge University Press, 1990.
- Courtenay, William J. *Capacity and Volition: A History of the Distinction of Absolute and Ordained Power*. Quodlibet: Ricerche e strumenti di filosofia medievale, no. 8. Bergamo: Pierluigi Lubrina, 1990.
- \_\_\_\_\_. *Covenant and Causality in Medieval Thought*. London: Variorum, 1984.
- \_\_\_\_\_. "The Critique on Natural Causality in the Mutakallimun and Nominalism." *Harvard Theological Review* 66 (1973): 77–94.
- \_\_\_\_\_. "The Dialectic of Divine Omnipotence." In Courtenay, William J., *Covenant and Causality in Medieval Thought*, chap. 4.
- \_\_\_\_\_. "Nature and the Natural in Twelfth-Century Thought." In Courtenay, William J., *Covenant and Causality in Medieval Thought*, chap. 3.
- \_\_\_\_\_. "Ockham, William of." *Dictionary of the Middle Ages*, 9:209–14.
- \_\_\_\_\_. *Schools and Scholars in Fourteenth-Century England*. Princeton: Princeton University Press, 1987.
- \_\_\_\_\_. *Teaching Careers at the University of Paris in the Thirteenth and Four-*

- teenth Centuries*. Texts and Studies in the History of Mediaeval Education, no. 18. Notre Dame, Ind.: United States Subcommission for the History of Universities, University of Notre Dame, 1988.
- Courtenay, William J., and Tachau, Katherine H. "Ockham, Ockhamists, and the English-German Nation at Paris, 1339–1341." *History of Universities* 2 (1982): 53–96.
- Crombie, A. C. *Augustine to Galileo: The History of Science A.D. 400–1650*. London: Falcon, 1952. Reissued as *Medieval and Early Modern Science*, 2 vols. Garden City: Doubleday Anchor, 1959.
- . *Robert Grosseteste and the Origins of Experimental Science, 1100–1700*. Oxford: Clarendon Press, 1953.
- . *Science, Optics and Music in Medieval and Early Modern Thought*. London: Hambledon, 1990.
- Crosby, H. Lamar, Jr., ed. and trans. *Thomas of Bradwardine, His "Tractatus de Proportionibus": Its Significance for the Development of Mathematical Physics*. Madison: University of Wisconsin Press, 1961.
- Crowe, Michael J. *Theories of the World from Antiquity to the Copernican Revolution*. New York: Dover, 1990.
- Crowley, Theodore. *Roger Bacon: The Problem of the Soul in His Philosophical Commentaries*. Dublin: James Duffy/Louvain: Editions de l'Institut Supérieur de Philosophie, 1950.
- Cumont, Franz. *Astrology and Religion among the Greeks and Romans*. New York: Putnam's Sons, 1912.
- Curley, Michael J., trans. *Physiologus*. Austin, Tex.: University of Texas Press, 1979.
- Curry, Patrick, ed. *Astrology, Science and Society: Historical Essays*. Woodbridge, Suffolk: Boydell, 1987.
- Dales, Richard C. *The Intellectual Life of Western Europe in the Middle Ages*. Washington, D.C.: University Press of America, 1980.
- . "Marius 'On the Elements' and the Twelfth-Century Science of Matter." *Viator* 3 (1972): 191–218.
- . *Medieval Discussions of the Eternity of the World*. Leiden: Brill, 1990.
- . "Time and Eternity in the Thirteenth Century." *Journal of the History of Ideas* 49 (1988): 27–45.
- d'Alverny, Marie-Thérèse. "Translations and Translators." In Benson, Robert L., and Constable, Giles, eds., *Renaissance and Renewal in the Twelfth Century*, pp. 421–62. Cambridge, Mass.: Harvard University Press, 1982.
- Dear, Peter. "Jesuit Mathematical Science and the Reconstitution of Experience in the Early 17th Century." *Studies in History and Philosophy of Science* 18 (1987): 133–75.
- Debus, Allen G. *The Chemical Philosophy: Paracelsian Science and Medicine in the Sixteenth and Seventeenth Centuries*, 2 vols. New York: Science History Publications, 1977.
- . *Man and Nature in the Renaissance*. Cambridge: Cambridge University Press, 1978.
- De Lacy, Phillip. "Galen's Platonism." *American Journal of Philology* 93 (1972): 27–39.

- Demaitre, Luke E. *Doctor Bernard de Gordon: Professor and Practitioner*. Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- Demaitre, Luke E., and Travill, Anthony A. "Human Embryology and Development in the Works of Albertus Magnus." In Weisheipl, James A., ed., *Albertus Magnus and the Sciences: Commemorative Essays 1980*, pp. 405–40. Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- de Santillana, Giorgio. *The Origins of Scientific Thought: From Anaximander to Proclus, 600 B.C. to A.D. 500*. Chicago: University of Chicago Press, 1961.
- de Vaux, Carra. "Astronomy and Mathematics." In Arnold, Thomas, and Guillaume, Alfred, eds., *The Legacy of Islam*, pp. 376–97. London: Oxford University Press, 1931.
- Dicks, D. R. *Early Greek Astronomy to Aristotle*. Ithaca: Cornell University Press, 1970.
- \_\_\_\_\_. "Eratosthenes." *Dictionary of Scientific Biography*, 4:388–93.
- Dictionary of Scientific Biography*, 16 vols. New York: Scribner's, 1970–80.
- Dijksterhuis, E. J. *Archimedes*, trans. C. Dikshoorn. Copenhagen: Munksgaard, 1956.
- \_\_\_\_\_. *The Mechanization of the World Picture*, trans. C. Dikshoorn. Oxford: Clarendon Press, 1961.
- Diogenes Laertius. *Lives of Eminent Philosophers*, trans. R. D. Hicks, 2 vols. London: Heinemann, 1925.
- Dodge, Bayard. *Muslim Education in Medieval Times*. Washington, D.C.: The Middle East Institute, 1962.
- Dols, Michael W., trans. *Medieval Islamic Medicine: Ibn Ridwān's Treatise "On the Prevention of Bodily Ills in Egypt"*, with an Arabic text edited by Adil S. Gamal. Berkeley and Los Angeles: University of California Press, 1984.
- \_\_\_\_\_. "The Origins of the Islamic Hospital: Myth and Reality." *Bulletin of the History of Medicine* 61 (1987): 367–90.
- Dorff, Elliot N. "The Jewish Tradition." In Numbers, Ronald L., and Amundsen, Darrel W., eds., *Caring and Curing: Health and Medicine in the Western Religious Traditions*, pp. 5–39. New York: Macmillan, 1986.
- Drake, Stillman. "The Uniform Motion Equivalent of a Uniformly Accelerated Motion from Rest." *Isis* 63 (1972): 28–38.
- Dreyer, J. L. E. *History of the Planetary Systems from Thales to Kepler*. Cambridge: Cambridge University Press, 1906. Reissued as *A History of Astronomy from Thales to Kepler*, ed. W. H. Stahl. New York: Dover, 1953.
- Dronke, Peter, ed. *A History of Twelfth-Century Western Philosophy*. Cambridge: Cambridge University Press, 1988.
- \_\_\_\_\_. "Thierry of Chartres." In Dronke, Peter, ed., *Twelfth-Century Western Philosophy*, pp. 358–85.
- Duhem, Pierre. *Etudes sur Léonard de Vinci*, 3 vols. Paris: Hermann, 1906–13.
- \_\_\_\_\_, ed. *Un fragment inédit de l'Opus tertium de Roger Bacon, précédé d'une étude sur ce fragment*. Quaracchi: Collegium S. Bonaventurae, 1909.
- \_\_\_\_\_. *Medieval Cosmology: Theories of Infinity, Place, Time, Void, and the Plurality of Worlds*, ed. and trans. Roger Ariew. Chicago: University of Chicago Press, 1985.
- \_\_\_\_\_. *Les origines de la statique*, 2 vols. Paris: Hermann, 1905–6.

- . *Le système du monde*, 10 vols. Paris: Hermann, 1913–59.
- . *To Save the Phenomena: An Essay on the Idea of Physical Theory from Plato to Galileo*, trans. Edmund Doland and Chaninah Maschler. Chicago: University of Chicago Press, 1969. Originally published in French in 1908.
- Düring, Ingemar. "The Impact of Aristotle's Scientific Ideas in the Middle Ages." *Archiv für Geschichte der Philosophie* 50 (1968): 115–33.
- Easton, Stewart C. *Roger Bacon and His Search for a Universal Science*. Oxford: Basil Blackwell, 1952.
- Eastwood, Bruce S. *Astronomy and Optics from Pliny to Descartes*. London: Variorum, 1989.
- . "Kepler as Historian of Science: Precursors of Copernican Heliocentrism according to *De revolutionibus*, I, 10." *Proceedings of the American Philosophical Society* 126 (1982): 367–94.
- . "On the Continuity of Western Science from the Middle Ages." *Isis*, forthcoming.
- . "Plinian Astronomical Diagrams in the Early Middle Ages." In Grant, Edward, and Murdoch, John E., eds., *Mathematics and Its Applications to Science and Natural Philosophy in the Middle Ages: Essays in Honor of Marshall Clagett*, pp. 141–72. Cambridge: Cambridge University Press, 1987.
- . "Plinian Astronomy in the Middle Ages and Renaissance." In French, Roger, and Greenaway, Frank, eds., *Science in the Early Roman Empire: Pliny the Elder, His Sources and Influence*, chap. 11. Totawa, N.J.: Barnes & Noble, 1986.
- Ebbell, B. *The Papyrus Ebers, the Greatest Egyptian Medical Document*. Copenhagen: Munksgaard, 1939.
- Edel, Abraham. *Aristotle and His Philosophy*. Chapel Hill: University of North Carolina Press, 1982.
- Edelstein, Emma J., and Edelstein, Ludwig. *Asclepius: A Collection and Interpretation of the Testimonies*, 2 vols. Baltimore, Johns Hopkins University Press, 1945.
- Edelstein, Ludwig. *Ancient Medicine: Selected Papers of Ludwig Edelstein*, ed. Owsei Temkin and C. Lilian Temkin. Baltimore: Johns Hopkins University Press, 1967.
- . "The Distinctive Hellenism of Greek Medicine." *Bulletin of the History of Medicine* 40 (1966): 197–255.
- . "Empiricism and Skepticism in the Teaching of the Greek Empiricist School." In Edelstein, *Ancient Medicine*, pp. 195–203.
- . "Greek Medicine and Its Relation to Religion and Magic." *Bulletin of the Institute of the History of Medicine* 5 (1937): 201–46.
- . "The Methodists." In Edelstein, *Ancient Medicine*, pp. 173–91.
- . "The Relation of Ancient Philosophy to Medicine." *Bulletin of the History of Medicine* 26 (1952): 299–316.
- Elford, Dorothy. "William of Conches." In Dronke, Peter, ed., *A History of Twelfth-Century Western Philosophy*, pp. 308–27. Cambridge: Cambridge University Press, 1988.
- Emerton, Norma E. *The Scientific Reinterpretation of Form*. Ithaca: Cornell University Press, 1984.
- Epp, Ronald H., ed. *Recovering the Stoics*. Supplement to *The Southern Journal of*

- Philosophy*, vol. 23. Memphis: Department of Philosophy, Memphis State University, 1985.
- Euclid. *The Elements*, trans. Thomas Heath, 3 vols. Cambridge: Cambridge University Press, 1908.
- Evans, Gillian R. *Anselm and a New Generation*. Oxford: Clarendon Press, 1980.
- . "The Influence of Quadrivium Studies in the Eleventh- and Twelfth-Century Schools." *Journal of Medieval History* 1 (1975): 151–64.
- . *Old Arts and New Theology: The Beginnings of Theology as an Academic Discipline*. Oxford: Clarendon Press, 1980.
- . *The Thought of Gregory the Great*. Cambridge: Cambridge University Press, 1986.
- Fakhry, Majid. *A History of Islamic Philosophy*. New York: Columbia University Press, 1970.
- Farrington, Benjamin. *Greek Science*, rev. ed. Harmondsworth: Penguin, 1961.
- Feingold, Mordechai. *The Mathematicians' Apprenticeship: Science, Universities and Society in England, 1560–1640*. Cambridge: Cambridge University Press, 1984.
- Ferguson, Wallace K. *The Renaissance in Historical Thought*. Boston: Houghton Mifflin, 1948.
- Ferruolo, Stephen C. *The Origins of the University: The Schools of Paris and Their Critics, 1100–1215*. Stanford: Stanford University Press, 1985.
- Fichtenau, Heinrich. *The Carolingian Empire*, trans. Peter Munz. Oxford: Basil Blackwell, 1957.
- La filosofia della natura nel medioevo: Atti del Terzo Congresso Internazionale di Filosofia Medioevale*, 31 August–5 September 1964. Milan: Società Editrice Vita e Pensiero, 1966.
- Finley, M. I. *The World of Odysseus*, rev. ed. New York: Viking Press, 1965.
- Finucane, Ronald C. *Miracles and Pilgrims: Popular Beliefs in Medieval England*. Totowa, N.J.: Rowman and Littlefield, 1977.
- Flint, Valerie I. J. *The Rise of Magic in Early Medieval Europe*. Princeton: Princeton University Press, 1991.
- Fontaine, Jacques. *Isidore de Séville et la culture classique dans l'Espagne wisigothique*, 2d ed., 3 vols. Paris: Etudes Augustiniennes, 1983.
- Frankfort, H.; Frankfort, H. A.; Wilson, John A.; and Jacobsen, Thorkild. *Before Philosophy: The Intellectual Adventure of Ancient Man*. Baltimore: Penguin, 1951.
- Fraser, P. M. *Ptolemaic Alexandria*, 3 vols. Oxford: Clarendon Press, 1972.
- Frede, Michael. "The Method of the So-Called Methodical School of Medicine." In Barnes, Jonathan; Brunschwig, Jacques; Burnyeat, Myles; and Schofield, Malcolm, eds., *Science and Speculation: Studies in Hellenistic Theory and Practice*, pp. 1–23. Cambridge: Cambridge University Press, 1982.
- French, Roger, and Greenaway, Frank, eds. *Science in the Early Roman Empire: Pliny the Elder, His Sources and Influence*. Totowa, N.J.: Barnes & Noble, 1986.
- Frend, W. H. C. *The Rise of the Monophysite Movement: Chapters in the History of the Church in the Fifth and Sixth Centuries*. Cambridge: Cambridge University Press, 1972.
- Funkenstein, Amos. *Theology and the Scientific Imagination from the Middle Ages to the Seventeenth Century*. Princeton: Princeton University Press, 1986.

- Furley, David. *Cosmic Problems: Essays on Greek and Roman Philosophy of Nature*. Cambridge: Cambridge University Press, 1989.
- . *The Greek Cosmologists*, vol. 1: *The Formation of the Atomic Theory and Its Earliest Critics*. Cambridge: Cambridge University Press, 1987.
- . *Two Studies in the Greek Atomists*. Princeton: Princeton University Press, 1967.
- Gabriel, Astrid L. "Universities." *Dictionary of the Middle Ages*, 12:282–300.
- Galen. *On Respiration and the Arteries*, ed. and trans. David J. Furley and J. S. Wilkie. Princeton: Princeton University Press, 1984.
- . *On the Natural Faculties*, trans. A. J. Brock. London: Heinemann, 1963.
- . *On the Usefulness of the Parts of the Body*, ed. and trans. Margaret T. May, 2 vols. Ithaca: Cornell University Press, 1968.
- . *Three Treatises on the Nature of Science*, ed. and trans. Richard Walzer and Michael Frede. Indianapolis: Hackett, 1985.
- García Ballester, Luis. "Galen as a Medical Practitioner: Problems in Diagnosis." In Nutton, Vivian, ed., *Galen: Problems and Prospects*, pp. 13–46. London: Wellcome Institute for the History of Medicine, 1981.
- García Ballester, Luis; Fere, Lola; and Feliu, Edward. "Jewish Appreciation of Fourteenth-Century Scholastic Medicine." *Osiris*, n.s. 6 (1990): 85–117.
- Gascoigne, John. "A Reappraisal of the Role of the Universities in the Scientific Revolution." In Lindberg, David C., and Westman, Robert S., eds., *Reappraisals of the Scientific Revolution*, pp. 207–60. Cambridge: Cambridge University Press, 1990.
- Gersh, Stephen. *Middle Platonism and Neoplatonism: The Latin Tradition*, 2 vols. Notre Dame, Ind.: University of Notre Dame Press, 1986.
- Getz, Faye M. "Charity, Translation, and the Language of Medical Learning in Medieval England." *Bulletin of the History of Medicine* 64 (1990): 1–17.
- . "The Faculty of Medicine before 1500." In Catto, J. I., and Evans, Ralph, eds., vol. 2 of *The History of the University of Oxford*, pp. 373–405. Oxford: Clarendon Press, 1992.
- . *Healing and Society in Medieval England: A Middle English Translation of the Pharmaceutical Writings of Gilbertus Anglicus*. Madison: University of Wisconsin Press, 1991.
- . "Western Medieval Medicine." *Trends in History* 4, nos. 2–3 (1988): 37–54.
- Ghalioungui, Paul. *The House of Life, Per Ankh: Magic and Medical Science in Ancient Egypt*, 2d ed. Amsterdam: B. M. Israel, 1973.
- . *The Physicians of Pharaonic Egypt*. Cairo: Al-Ahram Center for Scientific Translations, 1983.
- Gillings, R. J. "The Mathematics of Ancient Egypt." *Dictionary of Scientific Biography*, 15:681–705.
- Gilson, Etienne. *The Christian Philosophy of St. Thomas Aquinas*, trans. L. K. Shook. New York: Random House, 1956.
- Gimpel, Jean. *The Medieval Machine: The Industrial Revolution of the Middle Ages*. New York: Holt, Rinehart and Winston, 1976.
- Gingerich, Owen. "Islamic Astronomy." *Scientific American* 254, no. 4 (April 1986): 74–83.
- Goldstein, Bernard R. *The Arabic Version of Ptolemy's "Planetary Hypotheses."*

- Transactions of the American Philosophical Society, n.s., vol. 57, pt. 4. Philadelphia: American Philosophical Society, 1967.
- . *Theory and Observation in Ancient and Medieval Astronomy*. London: Variorum, 1985.
- Goldstein, Bernard R., and Bowen, Alan C. "A New View of Early Greek Astronomy." *Isis* 74 (1983): 330–40.
- Goldstein, Bernard R., and Swerdlow, Noel. "Planetary Distances and Sizes in an Anonymous Arabic Treatise Preserved in Bodleian MS Marsh 621." *Centaurus* 15 (1970): 135–70.
- Goody, Jack. *The Domestication of the Savage Mind*. Cambridge: Cambridge University Press, 1977.
- Goody, Jack, and Watt, Ian. "The Consequences of Literacy." *Comparative Studies in Society and History* 5 (1962–63): 304–45.
- Gottfried, Robert S. *Doctors and Medicine in Medieval England 1340–1530*. Princeton: Princeton University Press, 1986.
- Gotthelf, Allan, and Lennox, James G., eds. *Philosophical Issues in Aristotle's Biology*. Cambridge: Cambridge University Press, 1987.
- Gottschalk, H. B. "Strato of Lampsacus." *Dictionary of Scientific Biography*, 13:91–95.
- Grant, Edward. "Aristotelianism and the Longevity of the Medieval World View." *History of Science* 16 (1978): 93–106.
- . "Celestial Matter: A Medieval and Galilean Cosmological Problem." *Journal of Medieval and Renaissance Studies* 13 (1983): 157–86.
- . "Celestial Orbs in the Latin Middle Ages." *Isis* 78 (1987): 153–73.
- . "The Condemnation of 1277, God's Absolute Power, and Physical Thought in the Late Middle Ages." *Viator* 10 (1979): 211–44.
- . "Cosmology." In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 265–302. Chicago: University of Chicago Press, 1978.
- . "Late Medieval Thought, Copernicus, and the Scientific Revolution." *Journal of the History of Ideas* 23 (1962): 197–220.
- . "Medieval and Renaissance Scholastic Conceptions of the Influence of the Celestial Region on the Terrestrial." *The Journal of Medieval and Renaissance Studies* 17 (1987): 1–23.
- . "Medieval and Seventeenth-Century Conceptions of an Infinite Void Space beyond the Cosmos." *Isis* 60 (1969): 39–60.
- . *The Medieval Cosmos 1200–1687*. Forthcoming.
- . "The Medieval Doctrine of Place: Some Fundamental Problems and Solutions." In Maierù, A., and Paravicini Bagliani, A., eds., *Studi sul XIV secolo in memoria di Annaliese Maier*, pp. 57–79. Storia e Letteratura, Raccolta di studi e testi, no. 151. Rome: Edizioni di Storia e Letteratura, 1981.
- . *Much Ado about Nothing: Theories of Space and Vacuum from the Middle Ages to the Scientific Revolution*. Cambridge: Cambridge University Press, 1981.
- , ed. and trans. *Nicole Oresme and the Kinematics of Circular Motion: Tractatus de commensurabilitate vel incommensurabilitate motuum celi*. Madison: University of Wisconsin Press, 1971.
- . *Physical Science in the Middle Ages*. New York: Wiley, 1971.
- . "Science and the Medieval University." In Kittelson, James M., and Transue,

- Pamela J., eds., *Rebirth, Reform and Resilience: Universities in Transition 1300–1700*, pp. 68–102. Columbus: Ohio State University Press, 1984.
- . “Science and Theology in the Middle Ages.” In Lindberg, David C., and Numbers, Ronald L., eds., *God and Nature: Historical Essays on the Encounter between Christianity and Science*, pp. 49–75. Berkeley and Los Angeles: University of California Press, 1986.
- , ed. *A Source Book in Medieval Science*. Cambridge, Mass.: Harvard University Press, 1974.
- . *Studies in Medieval Science and Natural Philosophy*. London: Variorum, 1981.
- Grant, Edward, and Murdoch, John E., eds. *Mathematics and Its Applications to Science and Natural Philosophy in the Middle Ages: Essays in Honor of Marshall Clagett*. Cambridge: Cambridge University Press, 1987.
- Grant, Robert M. *Miracle and Natural Law in Graeco-Roman and Early Christian Thought*. Amsterdam: North-Holland, 1952.
- Grayeff, Felix. *Aristotle and His School*. London: Duckworth, 1974.
- Green, Monica H. “Women’s Medical Practice and Medical Care in Medieval Europe.” *Signs* 14 (1989): 434–73.
- Gregory, Tullio. *Anima mundi: La filosofia di Guglielmo di Conches e la scuola di Chartres*. Florence: G. C. Sansoni, 1955.
- . “La nouvelle idée de nature et de savoir scientifique au XIIe siècle.” In Murdoch, John E., and Sylla, Edith D., eds., *The Cultural Context of Medieval Learning*, pp. 193–212. Boston Studies in the Philosophy of Science, 27. Dordrecht: Reidel, 1975.
- . “The Platonic Inheritance.” In Dronke, Peter, ed., *A History of Twelfth-Century Western Philosophy*, pp. 54–80. Cambridge: Cambridge University Press, 1988.
- Grendler, Paul F. *Schooling in Renaissance Italy: Literacy and Learning, 1300–1600*. Baltimore: Johns Hopkins University Press, 1989.
- Grene, Marjorie. *A Portrait of Aristotle*. Chicago: University of Chicago Press, 1963.
- Griffin, Jasper. *Homer*. Oxford: Oxford University Press, 1980.
- Hackett, M. B. “The University as a Corporate Body.” In Catto, J. I., ed., *The Early Oxford Schools*, vol. 1 of *The History of the University of Oxford*, general ed. T. H. Aston, pp. 37–95. Oxford: Clarendon Press, 1984.
- Hadot, Ilsetraut, ed. *Simplicius: sa vie, son oeuvre, sa survie*. Actes du Colloque international de Paris, 28 Sept.–1 Oct. 1985. Berlin: Walter de Gruyter, 1987.
- Hahm, David E. *The Origins of Stoic Cosmology*. Columbus: Ohio State University Press, 1977.
- Hall, A. Rupert. “Merton Revisited or Science and Society in the Seventeenth Century.” *History of Science* 2 (1963): 1–16.
- . “On the Historical Singularity of the Scientific Revolution of the Seventeenth Century.” In Elliott, J. H., and Koenigsberger, H. G., eds., *The Diversity of History: Essays in Honour of Sir Herbert Butterfield*, pp. 199–221. London: Routledge & Kegan Paul, 1970.
- . *The Revolution in Science 1500–1750*. London: Longman, 1983.
- . *The Scientific Revolution 1500–1800*. London: Longmans, Green, 1954.
- Halleux, Robert. “Alchemy.” *Dictionary of the Middle Ages*, 1:134–40.

- \_\_\_\_\_. *Les textes alchimiques. Typologie des sources du moyen âge occidental*, no. 32. Turnhout: Brepols, 1979.
- Hamilton, Edith. *Mythology*. Boston: Little, Brown, 1942.
- Hansen, Bert. *Nicole Oresme and the Marvels of Nature: A Study of his "De causis mirabilium" with Critical Edition, Translation, and Commentary*. Toronto: Pontifical Institute of Mediaeval Studies, 1985.
- Hare, R. M. *Plato*. Oxford: Oxford University Press, 1982.
- Hargrave, David. "Reconstructing the Planetary Motions of the Eudoxean System." *Scripta Mathematica* 28 (1970): 335–45.
- Häring, Nikolaus. "Chartres and Paris Revisited." In O'Donnell, J. Reginald, ed., *Essays in Honour of Anton Charles Pegis*, pp. 268–329. Toronto: Pontifical Institute of Mediaeval Studies, 1974.
- \_\_\_\_\_. "The Creation and Creator of the World according to Thierry of Chartres and Clarenbaldus of Arras." *Archives d'histoire doctrinale et littéraire du moyen âge* 22 (1955): 137–216.
- Harley, J. B., and Woodward, David, eds. *The History of Cartography*, vol. 1: *Cartography in Prehistoric, Ancient, and Medieval Europe and the Mediterranean*. Chicago: University of Chicago Press, 1987.
- Harris, John R. "Medicine." In Harris, John R., ed., *The Legacy of Egypt*, 2d ed., pp. 112–37. Oxford: Clarendon Press, 1971.
- Hartner, Willy. "Al-Battānī." *Dictionary of Scientific Biography*, 1:507–16.
- Haskins, Charles Homer. "The *De arte venandi cum avibus* of Frederick II." *English Historical Review* 36 (1921): 334–55. Reprinted in Haskins, *Studies in the History of Mediaeval Science*, pp. 299–326.
- \_\_\_\_\_. *The Renaissance of the Twelfth Century*. Cambridge, Mass.: Harvard University Press, 1927.
- \_\_\_\_\_. *The Rise of Universities*. Providence: Brown University Press, 1923.
- \_\_\_\_\_. "Science at the Court of the Emperor Frederick II." *American Historical Review* 27 (1922): 669–94. Reprinted in Haskins, *Studies in the History of Mediaeval Science*, pp. 242–71.
- \_\_\_\_\_. *Studies in the History of Mediaeval Science*. Cambridge, Mass.: Harvard University Press, 1924.
- Heath, Thomas L. *Aristarchus of Samos, The Ancient Copernicus: A History of Greek Astronomy to Aristarchus*. Oxford: Clarendon Press, 1913.
- \_\_\_\_\_. *A History of Greek Mathematics*, 2 vols. Oxford: Clarendon Press, 1921.
- Helton, Tinsley, ed. *The Renaissance: A Reconsideration of the Theories and Interpretations of the Age*. Madison: University of Wisconsin Press, 1961.
- Hesiod. *The Poems of Hesiod*, trans. R. M. Frazer. Norman: University of Oklahoma Press, 1983.
- \_\_\_\_\_. *Theogony and Works and Days*, trans., with introduction and notes, by M. L. West. Oxford: Oxford University Press, 1988.
- Hildebrandt, M. M. *The External School in Carolingian Society*. Leiden: Brill, 1991.
- Hillgarth, J. N. "Isidore of Seville, St." *Dictionary of the Middle Ages*, 6:563–66.
- Hippocrates, with an English Translation*, trans. W. H. S. Jones, E. T. Withington, and Paul Potter, 6 vols. London: Heinemann, 1923–88.
- Hissette, Roland. *Enquête sur les 219 articles condamnés à Paris le 7 mars 1277. Philosophes médiévaux*, no. 22. Louvain: Publications universitaires, 1977.

- Hitti, Philip K. *History of the Arabs from the Earliest Times to the Present*, 7th ed. London: Macmillan, 1961.
- Holmyard, E. J. *Alchemy*. Harmondsworth: Penguin, 1957.
- Hopkins, Jasper. *A Companion to the Study of St. Anselm*. Minneapolis: University of Minnesota Press, 1972.
- Hoskin, Michael, and Molland, A. G. "Swineshead on Falling Bodies: An Example of Fourteenth-Century Physics." *British Journal for the History of Science* 3 (1966): 150–82.
- Hugh of St. Victor. *The Didascalicon of Hugh of St. Victor: A Medieval Guide to the Arts*, ed. and trans. Jerome Taylor. New York: Columbia University Press, 1961.
- Hyman, Arthur. "Aristotle's 'First Matter' and Avicenna's and Averroes' 'Corporeal Form'." In *Harry Austryn Wolfson Jubilee Volume*, 1:385–406. Jerusalem: American Academy for Jewish Research, 1965.
- Imbault-Huart, Marie-José. *La médecine au moyen âge à travers les manuscrits de la Bibliothèque Nationale*. Paris: Editions de la Porte Verte, 1983.
- Iskandar, Albert Z. "Hunayn the Translator; Hunayn the Physician." *Dictionary of Scientific Biography*, 15:234–39.
- Jackson, Ralph. *Doctors and Diseases in the Roman Empire*. Norman, Oklahoma: University of Oklahoma Press, 1988.
- Jacob, Margaret C. *The Cultural Meaning of the Scientific Revolution*. New York: Knopf, 1988.
- Jaki, Stanley. *Uneasy Genius: The Life and Work of Pierre Duhem*. The Hague: Nijhoff, 1984.
- Jolivet, Jean. "The Arabic Inheritance." In Dronke, Peter, ed., *A History of Twelfth Century Western Philosophy*, pp. 113–48. Cambridge: Cambridge University Press, 1988.
- Jones, Charles W. "Bede." *Dictionary of the Middle Ages*, 2:153–56.
- Jones, Peter M. *Medieval Medical Miniatures*. London: The British Library in association with the Wellcome Institute for the History of Medicine, 1984.
- Kahn, Charles H. *Anaximander and the Origins of Greek Cosmology*. New York: Columbia University Press, 1960.
- Kaiser, Christopher. *Creation and the History of Science*. Grand Rapids: Eerdmans, 1991.
- Kari-Niazov, T. N. "Ulugh Beg." *Dictionary of Scientific Biography*, 13:535–37.
- Kealey, Edward J. "England's Earliest Women Doctors." *Journal of the History of Medicine* 40 (1985): 473–77.
- . *Medieval Medicus: A Social History of Anglo-Norman Medicine*. Baltimore: Johns Hopkins University Press, 1981.
- Kennedy, E. S. "The Arabic Heritage in the Exact Sciences." *Al-Abbat: A Quarterly Journal for Arab Studies* 23 (1970): 327–44.
- . "The Exact Sciences." In *The Cambridge History of Iran*, vol. 4: *The Period from the Arab Invasion to the Saljuqs*, ed. R. N. Frye, pp. 378–95. Cambridge: Cambridge University Press, 1975.
- . "The History of Trigonometry: An Overview." In *Historical Topics for the Mathematics Classroom*. Washington, D.C.: National Council of Teachers of Mathematics, 1969. Reprinted in Kennedy, E. S., et al., *Studies in the Islamic Exact Sciences*, pp. 3–29.

- Kennedy, E. S., with colleagues and former students. *Studies in the Islamic Exact Sciences*. Beirut: American University of Beirut, 1983.
- Kibre, Pearl. "‘Astronomia’ or ‘Astrologia Ypocratis’." In Helfstein, Erna; Czartoryski, Paweł; and Grande, Frank D., eds., *Science and History: Studies in Honor of Edward Rosen*, pp. 133–56. Studia Copernicana, no. 16. Wrocław: Ossolineum, 1978.
- . "The *Quadrivium* in the Thirteenth Century Universities (with Special Reference to Paris)." In *Arts libéraux et philosophie au moyen âge: Actes du quatrième congrès international de philosophie médiévale, Université de Montréal, 27 août–2 septembre 1967*, pp. 175–91. Montreal: Institut d’études médiévales, 1969.
- . *Scholarly Privileges in the Middle Ages*. Cambridge, Mass.: Mediaeval Academy of America, 1962.
- . *Studies in Medieval Science: Alchemy, Astrology, Mathematics and Medicine*. London: Hambledon Press, 1984.
- Kibre, Pearl, and Siraisi, Nancy G. "The Institutional Setting: The Universities." In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 120–44. Chicago: University of Chicago Press, 1978.
- Kieckhefer, Richard. *Magic in the Middle Ages*. Cambridge: Cambridge University Press, 1990.
- King, David A. *Islamic Astronomical Instruments*. London: Variorum, 1987.
- . *Islamic Mathematical Astronomy*. London: Variorum, 1986.
- Kirk, G. S., and Raven, J. E. *The Presocratic Philosophers: A Critical History with a Selection of Texts*. Cambridge: Cambridge University Press, 1960.
- Knorr, Wilbur. "Archimedes and the Pseudo-Euclidean *Catoptrics*: Early Stages in the Ancient Geometric Theory of Mirrors." *Archives internationales d'histoire des sciences* 35 (1985): 28–105.
- . *The Evolution of the Euclidean Elements: A Study of the Theory of Incommensurable Magnitudes and Its Significance for Early Greek Geometry*. Dordrecht: D. Reidel, 1975.
- . "John of Tynemouth alias John of London: Emerging Portrait of a Singular Medieval Mathematician." *British Journal for the History of Science* 23 (1990): 293–330.
- Knowles, David. *The Evolution of Medieval Thought*. New York: Vintage, 1964.
- Kogan, Barry S. *Averroes and the Metaphysics of Causation*. Albany: State University of New York Press, 1985.
- Kovach, Francis J., and Shahan, Robert W., eds. *Albert the Great: Commemorative Essays*. Norman: University of Oklahoma Press, 1980.
- Koyré, Alexandre. *The Astronomical Revolution: Copernicus, Kepler, Borelli*, trans. R. E. W. Maddison. Paris: Hermann, 1973.
- . *From the Closed World to the Infinite Universe*. Baltimore: Johns Hopkins University Press, 1957.
- . *Galileo Studies*, trans. John Mepham. Atlantic Highlands, N.J.: Humanities Press, 1978.
- . *Metaphysics and Measurement: Essays in the Scientific Revolution*. London: Chapman & Hall, 1968.
- . "The Origins of Modern Science: A New Interpretation." *Diogenes* 16 (Winter 1956): 1–22.

- Kren, Claudia. *Alchemy in Europe: A Guide to Research*. New York: Garland, 1990.
- \_\_\_\_\_. "Astronomy." In Wagner, David L., ed., *The Seven Liberal Arts in the Middle Ages*, pp. 218–47. Bloomington: Indiana University Press, 1983.
- \_\_\_\_\_. "Bernard of Verdun." *Dictionary of Scientific Biography*, 2:23–24.
- \_\_\_\_\_. "Homocentric Astronomy in the Latin West: The *De reprobatione eccentricorum et epiciclorum* of Henry of Hesse." *Isis* 59 (1968): 269–81.
- \_\_\_\_\_. *Medieval Science and Technology: A Selected, Annotated Bibliography*. New York: Garland, 1985.
- Kretzmann, Norman, ed. *Infinity and Continuity in Ancient and Medieval Thought*. Ithaca: Cornell University Press, 1982.
- Kretzmann, Norman; Kenny, Anthony; and Pinborg, Jan, eds. *The Cambridge History of Later Medieval Philosophy*. Cambridge: Cambridge University Press, 1982.
- Kristeller, Paul Oskar. "The School of Salerno: Its Development and Its Contribution to the History of Learning." *Bulletin of the History of Medicine* 17 (1945): 138–94.
- Kudlien, Fridolf. "Early Greek Primitive Medicine." *Clio medica* 3 (1968): 305–36.
- Kudlien, Fridolf, and Durling, Richard J., eds. *Galen's Method of Healing*. Leiden: Brill, 1991.
- Kuhn, Thomas S. *The Copernican Revolution: Planetary Astronomy in the Development of Western Thought*. Cambridge: Harvard University Press, 1957.
- \_\_\_\_\_. "Mathematical versus Experimental Traditions in the Development of Physical Science." *Journal of Interdisciplinary History* 7 (1976): 1–31. Reprinted in Kuhn, *The Essential Tension: Selected Studies in Scientific Tradition and Change*, pp. 31–65. Chicago: University of Chicago Press, 1977.
- \_\_\_\_\_. *The Structure of Scientific Revolutions*. Chicago: University of Chicago Press, 1962.
- Laistner, M. L. W. *Christianity and Pagan Culture in the Later Roman Empire*. Ithaca: Cornell University Press, 1951.
- \_\_\_\_\_. *Thought and Letters in Western Europe, A.D. 500–900*, new ed. London: Methuen, 1957.
- Lattin, Harriet Pratt, ed. and trans. *The Letters of Gerbert with His Papal Privileges as Sylvester II*. New York: Columbia University Press, 1961.
- Lear, Jonathan. *Aristotle: The Desire to Understand*. Cambridge: Cambridge University Press, 1988.
- Leclerc, Ivor. *The Nature of Physical Existence*. London: George Allen & Unwin, 1972.
- Leclerc, Lucien. *Histoire de la médecine arabe*, 2 vols. Paris: Ernest Leroux, 1876.
- Leclercq, Jean, O.S.B. *The Love of Learning and the Desire for God: A Study of Monastic Culture*, trans. Catherine Misrahi. New York: Fordham University Press, 1961.
- \_\_\_\_\_. "The Renewal of Theology." In Benson, Robert L., and Constable, Giles, eds., *Renaissance and Renewal in the Twelfth Century*, pp. 68–87. Cambridge, Mass.: Harvard University Press, 1982.
- Lejeune, Albert. *Euclide et Ptolémée: Deux stades de l'optique géométrique grecque*. Louvain: Bibliothèque de l'Université, 1948.
- \_\_\_\_\_. *Recherches sur la catoptrique grecque*. Brussels: Palais des Académies, 1957.
- Lemay, Richard. *Abu Ma'shar and Latin Aristotelianism in the Twelfth Century: The*

- Recovery of Aristotle's Natural Philosophy through Arabic Astrology.* Beirut: American University of Beirut, 1962.
- \_\_\_\_\_. "Gerard of Cremona." *Dictionary of Scientific Biography*, 15:173–92.
- \_\_\_\_\_. "The True Place of Astrology in Medieval Science and Philosophy." In Curry, Patrick, ed., *Astrology, Science and Society: Historical Essays*, pp. 57–73. Woodbridge, Suffolk: Boydell, 1987.
- Lévy-Bruhl, Lucien. *How Natives Think*, trans. Lilian A. Clare. London: George Allen & Unwin, 1926.
- Lewis, Bernard, ed. *Islam and the Arab World: Faith, People, Culture*. New York: Knopf, 1976.
- Lewis, C. S. *The Discarded Image: An Introduction to Medieval and Renaissance Literature*. Cambridge: Cambridge University Press, 1964.
- Lewis, Christopher. *The Merton Tradition and Kinematics in Late Sixteenth and Early Seventeenth Century Italy*. Padua: Antenore, 1980.
- Liebeschütz, H. "Boethius and the Legacy of Antiquity." In Armstrong, A. H., ed., *The Cambridge History of Later Greek and Early Medieval Philosophy*, pp. 538–64. Cambridge: Cambridge University Press, 1970.
- Lindberg, David C. "Alhazen's Theory of Vision and Its Reception in the West." *Isis* 58 (1967): 321–41.
- \_\_\_\_\_. "Conceptions of the Scientific Revolution from Bacon to Butterfield: A Preliminary Sketch." In Lindberg and Westman, *Reappraisals of the Scientific Revolution*, pp. 1–26.
- \_\_\_\_\_. "Continuity and Discontinuity in the History of Optics: Kepler and the Medieval Tradition." *History and Technology* 4 (1987): 423–40.
- \_\_\_\_\_. "The Genesis of Kepler's Theory of Light: Light Metaphysics from Plotinus to Kepler." *Osiris* n.s., 2 (1986): 5–42.
- \_\_\_\_\_, ed. and trans. *John Pecham and the Science of Optics: "Perspectiva communis," edited with an Introduction, English Translation, and Critical Notes*. Madison: University of Wisconsin Press, 1970.
- \_\_\_\_\_. "Laying the Foundations of Geometrical Optics: Maurolico, Kepler, and the Medieval Tradition." In Lindberg, David C., and Cantor, Geoffrey, *The Discourse of Light from the Middle Ages to the Enlightenment*, pp. 1–65. Los Angeles: William Andrews Clark Memorial Library, 1985.
- \_\_\_\_\_. "On the Applicability of Mathematics to Nature: Roger Bacon and His Predecessors." *British Journal for the History of Science* 15 (1982): 3–25.
- \_\_\_\_\_. "Optics, Western European." *Dictionary of the Middle Ages*, 9:247–53.
- \_\_\_\_\_. "A Reconsideration of Roger Bacon's Theory of Pinhole Images." *Archive for History of Exact Sciences* 6 (1970): 214–23.
- \_\_\_\_\_. "Roger Bacon and the Origins of *Perspectiva* in the West." In Grant, Edward, and Murdoch, John E., eds., *Mathematics and Its Applications to Science and Natural Philosophy in the Middle Ages: Essays in Honor of Marshall Clagett*, pp. 249–68. Cambridge: Cambridge University Press, 1987.
- \_\_\_\_\_, ed. and trans. *Roger Bacon's Philosophy of Nature: A Critical Edition, with English Translation, Introduction, and Notes, of "De multiplicatione specierum" and "De speculis comburentibus"*. Oxford: Clarendon Press, 1983.
- \_\_\_\_\_. "Science and the Early Church." In Lindberg and Numbers, *God and Na-*

- ture: Historical Essays on the Encounter between Christianity and Science*, pp. 19–48.
- . “Science as Handmaiden: Roger Bacon and the Patristic Tradition.” *Isis* 78 (1987): 518–36.
- , ed. *Science in the Middle Ages*. Chicago: University of Chicago Press, 1978.
- . “The Science of Optics.” In Lindberg, *Science in the Middle Ages*, pp. 338–68.
- . *Studies in the History of Medieval Optics*. London: Variorum, 1983.
- . *Theories of Vision from al-Kindi to Kepler*. Chicago: University of Chicago Press, 1976.
- . “The Theory of Pinhole Images from Antiquity to the Thirteenth Century.” *Archive for History of Exact Sciences* 5 (1968): 154–76.
- . “The Theory of Pinhole Images in the Fourteenth Century.” *Archive for History of Exact Sciences* 6 (1970): 299–325.
- . “The Transmission of Greek and Arabic Learning to the West.” In Lindberg, *Science in the Middle Ages*, pp. 52–90.
- Lindberg, David C., and Numbers, Ronald L., eds. *God and Nature: Historical Essays on the Encounter between Christianity and Science*. Berkeley and Los Angeles: University of California Press, 1986.
- Lindberg, David C., and Westman, Robert S., eds. *Reappraisals of the Scientific Revolution*. Cambridge: Cambridge University Press, 1990.
- Lindgren, Uta. *Gerbert von Aurillac und das Quadrivium: Untersuchungen zur Bildung im Zeitalter der Ottonen*. Sudhoffs Archiv: Zeitschrift für Wissenschaftsgeschichte, Beiheft 18. Wiesbaden: Franz Steiner, 1976.
- Lipton, Joshua D. “The Rational Evaluation of Astrology in the Period of Arabo-Latin Translation, ca. 1126–1187 A.D.” Ph.D. dissertation, University of California at Los Angeles, 1978.
- Little, A. G., ed. *Roger Bacon Essays*. Oxford: Clarendon Press, 1914.
- Livesey, Steven J. *Theology and Science in the Fourteenth Century: Three Questions on the Unity and Subalternation of the Sciences from John of Reading's Commentary on the Sentences*. Studien und Texte zur Geistesgeschichte des Mittelalters, vol. 25. Leiden: Brill, 1989.
- Lloyd, G. E. R. *Aristotle: The Growth and Structure of His Thought*. Cambridge: Cambridge University Press, 1968.
- . *Demystifying Mentalities*. Cambridge: Cambridge University Press, 1990.
- . *Early Greek Science: Thales to Aristotle*. London: Chatto & Windus, 1970.
- . *Greek Science after Aristotle*. London: Chatto & Windus, 1973.
- , ed. *Hippocratic Writings*. Harmondsworth: Penguin, 1978.
- . *Magic, Reason and Experience: Studies in the Origins and Development of Greek Science*. Cambridge: Cambridge University Press, 1979.
- . *The Revolutions of Wisdom: Studies in the Claims and Practice of Ancient Greek Science*. Berkeley and Los Angeles: University of California Press, 1987.
- . “Saving the Appearances.” *Classical Quarterly* 28 (1978): 202–22.
- Locher, A. “The Structure of Pliny the Elder's Natural History.” In French, Roger, and Greenaway, Frank, eds., *Science in the Early Roman Empire*, pp. 20–29. Totowa, N.J.: Barnes & Noble, 1986.
- Long, A. A. “Astrology: Arguments Pro and Contra.” In Barnes, Jonathan; Brunsch-

- wig, Jacques; Burnyeat, Myles; and Schofield, Malcolm, eds., *Science and Speculation: Studies in Hellenistic Theory and Practice*, pp. 165–92. Cambridge: Cambridge University Press, 1982.
- . *Hellenistic Philosophy: Stoics, Epicureans, Sceptics*, 2d ed. London: Duckworth, 1974.
- . “The Stoics on World-Conflagration and Everlasting Recurrence.” In Epp, Ronald H., ed., *Recovering the Stoics*, pp. 13–37. Supplement to *The Southern Journal of Philosophy*, vol. 23. Memphis: Department of Philosophy, Memphis State University, 1985.
- Long, A. A., and Sedley, D. N. *The Hellenistic Philosophers*, 2 vols. Cambridge: Cambridge University Press, 1987.
- Longrigg, James. “Anatomy in Alexandria in the Third Century B.C.” *British Journal for the History of Science* 21 (1988): 455–88.
- . “Erasistratus.” *Dictionary of Scientific Biography*, 4:382–86.
- . “Presocratic Philosophy and Hippocratic Medicine.” *History of Science* 27 (1989): 1–39.
- . “Superlative Achievement and Comparative Neglect: Alexandrian Medical Science and Modern Historical Research.” *History of Science* 19 (1981): 155–200.
- Lones, Thomas E. *Aristotle's Researches in Natural Science*. London: West, Newman, 1912.
- Lucretius. *De rerum natura*, trans. W. H. D. Rouse and M. F. Smith, rev. 2d ed. London: Heinemann, 1982.
- Luscombe, David E. *Peter Abelard*. London: Historical Association, 1979.
- . “Peter Abelard.” In Dronke, Peter, ed., *A History of Twelfth-Century Western Philosophy*, pp. 279–307. Cambridge: Cambridge University Press, 1988.
- Lutz, Cora E. *Schoolmasters of the Tenth Century*. Hamden, Conn.: Archon, 1977.
- Lynch, John Patrick. *Aristotle's School: A Study of a Greek Educational Institution*. Berkeley and Los Angeles: University of California Press, 1972.
- Lytle, Guy Fitch. “The Careers of Oxford Students in the Later Middle Ages.” In Kitzelton, James M., and Transue, Pamela J., eds., *Rebirth, Reform and Resilience: Universities in Transition 1300–1700*, pp. 213–53. Columbus: Ohio State University Press, 1984.
- . “Patronage Patterns and Oxford Colleges, c. 1300–c. 1530.” In Stone, Lawrence, ed., *The University in Society*, 1:111–49. Princeton: Princeton University Press, 1974.
- MacKinney, Loren C. *Early Medieval Medicine, with Special Reference to France and Chartres*. Baltimore: Johns Hopkins University Press, 1937.
- . *Medical Illustrations in Medieval Manuscripts*. London: Wellcome Historical Medical Library, 1965.
- Macrobius. *Commentary on the Dream of Scipio*, trans. with introduction and notes by William H. Stahl. New York: Columbia University Press, 1952.
- Mahoney, Michael S. “Another Look at Greek Geometrical Analysis.” *Archive for History of Exact Sciences* 5 (1968): 318–48.
- . “Mathematics.” In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 145–78. Chicago: University of Chicago Press, 1978.
- Maier, Anneliese. “The Achievements of Late Scholastic Natural Philosophy.” In Maier, *On the Threshold of Exact Science*, pp. 143–70.

- . *An der Grenze von Scholastik und Naturwissenschaft*, 2d ed. Rome: Edizioni di Storia e Letteratura, 1952.
- . *Ausgebendes Mittelalter: Gesammelte Aufsätze zur Geistesgeschichte des 14. Jahrhunderts*, 3 vols. Rome: Edizioni di Storia e Letteratura, 1964–77.
- . “Die naturphilosophische Bedeutung der scholastischen Impetustheorie.” *Scholastik* 30 (1955): 321–43. Translated as “The Significance of the Theory of Impetus for Scholastic Natural Philosophy,” in Maier, *On the Threshold of Exact Science*, pp. 76–102.
- . *Die Vorläufer Galileis im 14. Jahrhundert*, 2d ed. Rome: Edizioni di Storia e Letteratura, 1966.
- . *Metaphysische Hintergründe der spätscholastischen Naturphilosophie*. Rome: Edizioni di Storia e Letteratura, 1955.
- . *On the Threshold of Exact Science: Selected Writings of Anneliese Maier on Late Medieval Natural Philosophy*, trans. Steven D. Sargent. Philadelphia: Univ. of Pennsylvania Press, 1982.
- . “The Theory of the Elements and the Problem of their Participation in Compounds.” In Maier, *On the Threshold of Exact Science*, pp. 124–42.
- . *Zwischen Philosophie und Mechanik*. Rome: Edizioni di Storia e Letteratura, 1958.
- Maierù, A., and Paravicini Bagliani, A., eds. *Studi sul XIV secolo in memoria di Anneliese Maier*. Storia e Letteratura, Raccolta di studi e testi, no. 151. Rome: Edizioni di Storia e Letteratura, 1981.
- Majno, Guido. *The Healing Hand: Man and Wound in the Ancient World*. Cambridge, Mass.: Harvard University Press, 1975.
- Makdisi, George. *The Rise of Colleges: Institutions of Learning in Islam and the West*. Edinburgh: Edinburgh University Press, 1981.
- Malinowski, Bronislaw. *Myth in Primitive Psychology*. New York: W. W. Norton, 1926.
- Marenbon, John. *Early Medieval Philosophy (480–1150): An Introduction*. London: Routledge & Kegan Paul, 1983.
- . *From the Circle of Alcuin to the School of Auxerre: Logic, Theology and Philosophy in the Early Middle Ages*. Cambridge: Cambridge University Press, 1981.
- Marrou, H. I. *A History of Education in Antiquity*, trans. George Lamb. New York: Sheed and Ward, 1956.
- Martin, R. N. D. “The Genesis of a Mediaeval Historian: Pierre Duhem and the Origins of Statics.” *Annals of Science* 33 (1976): 119–29.
- McCluskey, Stephen C. “Gregory of Tours, Monastic Timekeeping, and Early Christian Attitudes to Astronomy.” *Isis* 81 (1990): 9–22.
- McColley, Grant. “The Theory of the Diurnal Rotation of the Earth.” *Isis* 26 (1937): 392–402.
- McDiarmid, J. B. “Theophrastus.” *Dictionary of Scientific Biography*, 13:328–34.
- McEvoy, James. *The Philosophy of Robert Grosseteste*. Oxford: Clarendon Press, 1982.
- McInerny, Ralph. *St. Thomas Aquinas*. Notre Dame, Ind.: University of Notre Dame Press, 1982.

- McKitterick, Rosamond. *The Carolingians and the Written Word*. Cambridge: Cambridge University Press, 1989.
- McMullin, Ernan, ed. *The Concept of Matter in Greek and Medieval Philosophy*. Notre Dame, Ind.: University of Notre Dame Press, 1963.
- \_\_\_\_\_. "Conceptions of Science in the Scientific Revolution." In Lindberg, David C., and Westman, Robert S., eds., *Reappraisals of the Scientific Revolution*, pp. 27–86. Cambridge: Cambridge University Press, 1990.
- \_\_\_\_\_. "Medieval and Modern Science: Continuity or Discontinuity?" *International Philosophical Quarterly* 5 (1965): 103–29.
- McVaugh, Michael. "Arnald of Villanova and Bradwardine's Law." *Isis* 58 (1967): 56–64.
- \_\_\_\_\_, ed. *Arnald de Villanova, Opera medica omnia*, vol. 2: *Aphorismi de gradibus*. Granada: Seminarium historiae medicae Granatensis, 1975.
- \_\_\_\_\_. "Constantine the African." *Dictionary of Scientific Biography*, 3:393–95.
- \_\_\_\_\_. "The *Experimenta* of Arnald of Villanova." *Journal of Medieval and Renaissance Studies* 1 (1971): 107–18.
- \_\_\_\_\_. "The Nature and Limits of Medical Certitude." *Osiris*, n.s. 6 (1990): 62–84.
- \_\_\_\_\_. "Theriac at Montpellier." *Sudhoffs Archiv: Zeitschrift für Wissenschaftsgeschichte* 56 (1972): 113–44.
- \_\_\_\_\_. "Medicine, History of." *Dictionary of the Middle Ages*, 8:247–54.
- \_\_\_\_\_. "Quantified Medical Theory and Practice at Fourteenth-Century Montpellier." *Bulletin of the History of Medicine* 43 (1969): 397–413.
- Melling, David J. *Understanding Plato*. Oxford: Oxford University Press, 1987.
- Merton, Robert K. *Science, Technology and Society in Seventeenth Century England*. Originally published in *Osiris* 4 (1938): 360–632. Reissued, with a new introduction, New York: Harper and Row, 1970.
- Meyerhof, Max. "Science and Medicine." In Arnold, Thomas, and Guillaume, Alfred, eds., *The Legacy of Islam*, pp. 311–55. London: Oxford University Press, 1931.
- \_\_\_\_\_. *Studies in Medieval Arabic Medicine: Theory and Practice*, ed. Penelope Johnstone. London: Variorum, 1984.
- Millas-Vallicrosa, J. M. "Translations of Oriental Scientific Works." In Métraux, Guy S., and Crouzet, François, eds., *The Evolution of Science*, pp. 128–67. New York: Mentor, 1963.
- Miller, Timothy S. *The Birth of the Hospital in the Byzantine Empire*. Baltimore: Johns Hopkins University Press, 1985.
- \_\_\_\_\_. "The Knights of Saint John and the Hospitals of the Latin West." *Speculum* 53 (1978): 709–33.
- Minio-Paluello, Lorenzo. "Boethius, Anicius Manlius Severinus." *Dictionary of Scientific Biography*, 2:228–36.
- \_\_\_\_\_. "Michael Scot." *Dictionary of Scientific Biography*, 9:361–65.
- \_\_\_\_\_. "Moerbeke, William of." *Dictionary of Scientific Biography*, 9:434–40.
- Mohr, Richard D. *The Platonic Cosmology*. Leiden: Brill, 1985.
- Moline, Jon. *Plato's Theory of Understanding*. Madison: University of Wisconsin Press, 1981.
- Molland, A. G. "Aristotelian Holism and Medieval Mathematical Physics." In Caroti,

- Stefano, ed., *Studies in Medieval Natural Philosophy*, pp. 227–35. Florence: Olschki, 1989.
- . “Continuity and Measure in Medieval Natural Philosophy.” *Miscellanea Mediaevalia* 16 (1983): 132–44.
- . “An Examination of Bradwardine’s Geometry.” *Archive for History of Exact Sciences* 19 (1978): 113–75.
- . “The Geometrical Background to the ‘Merton School’.” *British Journal for the History of Science* 4 (1968–69): 108–25.
- . “Nicole Oresme and Scientific Progress.” *Miscellanea Mediaevalia* 9 (1974): 206–20.
- Moody, Ernest A. “Galileo and Avempace: The Dynamics of the Leaning Tower Experiment.” *Journal of the History of Ideas* 12 (1951): 163–93, 375–422.
- . *Studies in Medieval Philosophy, Science, and Logic: Collected Papers 1933–1969*. Berkeley and Los Angeles: University of California Press, 1975.
- Moody, Ernest A., and Clagett, Marshall, eds. and trans. *The Medieval Science of Weights*. Madison: University of Wisconsin Press, 1960.
- Morris, Colin. *The Discovery of the Individual, 1050–1200*. New York: Harper and Row, 1972.
- Multhauf, Robert P. *The Origins of Chemistry*. New York: Franklin Watts, 1967.
- Murdoch, John E. *Album of Science: Antiquity and the Middle Ages*. New York: Scribner’s, 1984.
- . “The Development of a Critical Temper: New Approaches and Modes of Analysis in Fourteenth-Century Philosophy, Science, and Theology.” *Medieval and Renaissance Studies* 7 (1978): 51–79.
- . “From Social into Intellectual Factors: An Aspect of the Unitary Character of Late Medieval Learning.” In Murdoch and Sylla, eds., *The Cultural Context of Medieval Learning*, pp. 271–348.
- . “*Mathesis in philosophiam scholasticam introducta*: The Rise and Development of the Application of Mathematics in Fourteenth Century Philosophy and Theology.” In *Arts libéraux et philosophie au moyen âge: Actes du quatrième congrès international de philosophie médiévale, Université de Montréal, 27 août–2 septembre 1967*, pp. 215–54. Montreal: Institut d’études médiévales, 1969.
- . “Philosophy and the Enterprise of Science in the Later Middle Ages.” In Elkana, Yehuda, ed., *The Interaction between Science and Philosophy*, pp. 51–74. Atlantic Highlands, N.J.: Humanities Press, 1974.
- Murdoch, John E., and Sylla, Edith D. “Anneliese Maier and the History of Medieval Science.” In Maierù, A., and Paravicini Bagliani, A., eds., *Studi sul XIV secolo in memoria di Anneliese Maier*, pp. 7–13. Storia e letteratura: Raccolta di studi e testi, no. 151. Rome: Edizioni Storia e Letteratura, 1981.
- , eds. *The Cultural Context of Medieval Learning*. Boston Studies in the Philosophy of Science, no. 26. Dordrecht: D. Reidel, 1975.
- . “The Science of Motion.” In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 206–64. Chicago: University of Chicago Press, 1978.
- . “Swineshead, Richard.” *Dictionary of Scientific Biography*, 13:184–213.
- Murray, Alexander. *Reason and Society in the Middle Ages*. Oxford: Clarendon Press, 1978.

- Nakosteen, Mehdi. *History of Islamic Origins of Western Education, A.D. 800–1359, with an Introduction to Medieval Muslim Education*. Boulder: University of Colorado Press, 1964.
- Nasr, Seyyed Hossein. *An Introduction to Islamic Cosmological Doctrines*. Cambridge, Mass.: Belknap Press of Harvard University Press, 1964.
- . *Science and Civilization in Islam*. Cambridge, Mass.: Harvard University Press, 1968.
- Neugebauer, Otto. "Apollonius' Planetary Theory." *Communications on Pure and Applied Mathematics* 8 (1955): 641–48.
- . *Astronomy and History: Selected Essays*. New York: Springer, 1983.
- . *The Exact Sciences in Antiquity*. Princeton: Princeton University Press, 1952.
- . *A History of Ancient Mathematical Astronomy*, 3 pts. New York: Springer, 1975.
- . "On the Allegedly Heliocentric Theory of Venus by Heraclides Ponticus." *American Journal of Philology* 93 (1972): 600–601.
- . "On the 'Hippopede' of Eudoxus." *Scripta Mathematica* 19 (1953): 225–29.
- Neugebauer, Otto, and Sachs, A., eds. *Mathematical Cuneiform Texts*. American Oriental Series, vol. 29. New Haven: American Oriental Society, 1945.
- Newman, William R. "The Genesis of the *Summa perfectionis*." *Archives internationales d'histoire des sciences* 35 (1985): 240–302.
- . *The "Summa perfectionis" of Pseudo-Geber: A Critical Edition, Translation and Study*. Leiden: Brill, 1991.
- . "Technology and Chemical Debate in the Late Middle Ages." *Isis* 80 (1989): 423–45.
- North, J. D. "The Alphonsine Tables in England." In North, J. D., *Stars, Minds and Fate*, pp. 327–59.
- . "The Astrolabe." *Scientific American* 230, no. 1 (January 1974): 96–106.
- . "Astrology and the Fortunes of Churches." *Centaurus* 24 (1980): 181–211.
- . "Celestial Influence—the Major Premiss of Astrology." In Zambelli, P., ed., *Astrologi hallucinati*, pp. 45–100. Berlin: Walter de Gruyter, 1986.
- . *Chaucer's Universe*. Oxford: Clarendon Press, 1988.
- , ed. and trans. *Richard of Wallingford, An Edition of His Writings with Introductions, English Translation and Commentary*, 3 vols. Oxford: Clarendon Press, 1976.
- . *Stars, Minds and Fate: Essays in Ancient and Medieval Cosmology*. London: Hambledon, 1989.
- . *The Universal Frame: Historical Essays in Astronomy, Natural Philosophy and Scientific Method*. London: Hambledon, 1989.
- Numbers, Ronald L., and Amundsen, Darrel W., eds. *Caring and Curing: Health and Medicine in the Western Religious Traditions*. New York: Macmillan, 1986.
- Nussbaum, Martha Craven. *Aristotle's "De motu animalium": Text with Translation, Commentary, and Interpretive Essays*. Princeton: Princeton University Press, 1978.
- Nutton, Vivian. "The Chronology of Galen's Early Career." *Classical Quarterly* 23 (1973): 158–71.
- . *From Democedes to Harvey: Studies in the History of Medicine*. London: Variorum, 1988.

- \_\_\_\_\_. "Galen in the Eyes of His Contemporaries." *Bulletin of the History of Medicine* 58 (1984): 315–24.
- Oakley, Francis. *Omnipotence, Covenant, and Order: An Excursion in the History of Ideas from Abelard to Leibniz*. Ithaca: Cornell University Press, 1984.
- O'Donnell, James J. *Cassiodorus*. Berkeley and Los Angeles: University of California Press, 1979.
- Oggins, Robin S. "Albertus Magnus on Falcons and Hawks." In Weisheipl, James A., ed., *Albertus Magnus and the Sciences: Commemorative Essays 1980*, pp. 441–62. Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- O'Leary, De Lacy. *How Greek Science Passed to the Arabs*. London: Routledge & Kegan Paul, 1949.
- Olson, Richard. *Science Deified and Science Defied: The Historical Significance of Science in Western Culture from the Bronze Age to the Beginnings of the Modern Era ca. 3500 B.C. to ca. A.D. 1640*. Berkeley and Los Angeles: University of California Press, 1982.
- O'Meara, Dominic J. *Pythagoras Revived: Mathematics and Philosophy in Late Antiquity*. Oxford: Clarendon Press, 1989.
- O'Meara, John J. *Eriugena*. Oxford: Clarendon Press, 1988.
- Oresme, Nicole. "De proportionibus porportionum" and "Ad pauca respicientes," ed. and trans. Edward Grant. Madison: University of Wisconsin Press, 1966.
- \_\_\_\_\_. *Le livre du ciel et du monde*, ed. and trans. A. D. Menut and A. J. Denomy. Madison: University of Wisconsin Press, 1968.
- Orme, Nicholas. *English Schools of the Middle Ages*. London: Methuen, 1973.
- Overfield, James H. "University Studies and the Clergy in Pre-Reformation Germany." In Kittelson, James M., and Transue, Pamela J., eds., *Rebirth, Reform and Resilience: Universities in Transition 1300–1700*, pp. 254–92. Columbus: Ohio State University Press, 1984.
- Owen, G. E. L. *Logic, Science and Dialectic: Collected Papers in Greek Philosophy*, ed. Martha Nussbaum. Ithaca: Cornell University Press, 1986.
- Parent, J. M. *La doctrine de la création dans l'école de Chartres*. Paris: J. Vrin, 1938.
- Park, Katharine. "Albert's Influence on Medieval Psychology." In Weisheipl, James A., ed., *Albertus Magnus and the Sciences: Commemorative Essays 1980*, pp. 501–35. Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- \_\_\_\_\_. *Doctors and Medicine in Early Renaissance Florence*. Princeton: Princeton University Press, 1985.
- Parker, Richard. "Egyptian Astronomy, Astrology, and Calendrical Reckoning." *Dictionary of Scientific Biography*, 15:706–27.
- Pedersen, Olaf. "Astrology." *Dictionary of the Middle Ages*, 1:604–10.
- \_\_\_\_\_. "Astronomy." In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 303–36. Chicago: University of Chicago Press, 1978.
- \_\_\_\_\_. "The Corpus Astronomicum and the Traditions of Mediaeval Latin Astronomy: A Tentative Interpretation." In *Astronomy of Copernicus and Its Background*, pp. 57–96. *Colloquia Copernicana*, no. 3; *Studia Copernicana*, no. 13. Wrocław: Ossolineum, 1975.
- \_\_\_\_\_. "The Development of Natural Philosophy 1250–1350." *Classica et Mediaevalia* 14 (1953): 86–155.
- \_\_\_\_\_. "Some Astronomical Topics in Pliny." In French, Roger, and Greenaway,

- Frank, eds., *Science in the Early Roman Empire: Pliny the Elder, His Sources and Influence*, chap. 10. Totawa, N.J.: Barnes & Noble, 1986.
- \_\_\_\_\_. *A Survey of the Almagest*. Acta Historica Scientiarum Naturalium et Medicinalium, vol. 30. Odense: Odense University Press, 1974.
- Pedersen, Olaf, and Pihl, Mogens. *Early Physics and Astronomy: A Historical Introduction*. New York: Science History Publications, 1974.
- Pegis, Anton C. *St. Thomas and the Problem of the Soul in the Thirteenth Century*. Toronto: Pontifical Institute of Mediaeval Studies, 1934.
- Pellegrin, Pierre. *Aristotle's Classification of Animals: Biology and the Conceptual Unity of the Aristotelian Corpus*, trans. Anthony Preus. Berkeley and Los Angeles: University of California Press, 1986.
- Peters, F. E. *Allah's Commonwealth: A History of Islam in the Near East, 600–1100 A.D.* New York: Simon and Schuster, 1973.
- \_\_\_\_\_. *Aristotle and the Arabs: The Aristotelian Tradition in Islam*. New York: New York University Press, 1968.
- \_\_\_\_\_. *The Harvest of Hellenism: A History of the Near East from Alexander the Great to the Triumph of Christianity*. New York: Simon and Schuster, 1970.
- Phillips, E. D. *Greek Medicine*. London: Thames and Hudson, 1973.
- Philoponus, John. *Against Aristotle on the Eternity of the World*, trans. Christian Wildberg. Ithaca: Cornell University Press, 1987.
- Pingree, David. "Abū Ma'shar al-Balkhī." *Dictionary of Scientific Biography*, 1:32–39.
- \_\_\_\_\_. "Hellenophilia versus the History of Science." Manuscript of a paper delivered at Harvard University, 14 November 1990.
- The Planispheric Astrolabe*. Greenwich: National Maritime Museum, 1976.
- Plato. *Plato, with an English Translation*, 10 vols. London: Loeb, 1914–29.
- \_\_\_\_\_. *Plato's Cosmology: The "Timaeus" of Plato*, trans. with commentary by Francis M. Cornford. London: Routledge & Kegan Paul, 1957.
- \_\_\_\_\_. *Plato's Theory of Knowledge: The "Theaetetus" and the "Sophist" of Plato*, trans. with commentary by Francis M. Cornford. London: Routledge & Kegan Paul, 1935.
- \_\_\_\_\_. *The "Republic" of Plato*, trans. Francis M. Cornford. Oxford: Oxford University Press, 1941.
- Pliny the Elder. *Natural History*, trans. H. Rackham, 10 vols. London: Heinemann, 1938–62.
- Pliny the Younger. *Letters*, with an English translation by William Melmoth, revised by W. M. L. Hutchinson, 2 vols. London: Heinemann, 1961.
- Powell, Barry. *Homer and the Origin of the Greek Alphabet*. Cambridge: Cambridge University Press, 1991.
- Preus, Anthony. *Science and Philosophy in Aristotle's Biological Works*. Hildesheim: Georg Olms, 1975.
- Ptolemy, Claudius. *L'Optique de Claude Ptolémée*, ed. and trans. Albert Lejeune. Leiden: Brill, 1989.
- \_\_\_\_\_. *Ptolemy's Almagest*, ed. and trans. G. J. Toomer. New York: Springer, 1984.
- \_\_\_\_\_. *Tetrabiblos*, ed. and trans. F. E. Robbins. London: Heinemann, 1948.
- Quinn, John Francis. *The Historical Constitution of St. Bonaventure's Philosophy*. Toronto: Pontifical Institute of Mediaeval Studies, 1973.

- Rahman, Fazlur. *Islam*, 2d ed. Chicago: University of Chicago Press, 1979.
- Randall, John Herman, Jr. *The School of Padua and the Emergence of Modern Science*. Padua: Antenore, 1961.
- Ralph, Philip Lee. *The Renaissance in Perspective*. New York: St. Martin's Press, 1973.
- Rashdall, Hastings. *The Universities of Europe in the Middle Ages*, ed. F. M. Powicke and A. B. Emden, 3 vols. Oxford: Clarendon Press, 1936.
- Rather, L. J. "The 'Six Things Non-Natural': A Note on the Origins and Fate of a Doctrine and a Phrase." *Clio Medica* 3 (1968): 337–47.
- Rawson, Elizabeth. *Intellectual Life in the Late Roman Republic*. Baltimore: Johns Hopkins University Press, 1985.
- Reeds, Karen. "Albert on the Natural Philosophy of Plant Life." In Weisheipl, James A., ed., *Albertus Magnus and the Sciences: Commemorative Essays 1980*, pp. 341–54. Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- Reymond, Arnold. *History of the Sciences in Greco-Roman Antiquity*, trans. Ruth Gheury de Bray. London: Methuen, 1927.
- Reynolds, Terry S. *Stronger than a Hundred Men: A History of the Vertical Water Wheel*. Baltimore: Johns Hopkins University Press, 1983.
- Riché, Pierre. *Education and Culture in the Barbarian West, Sixth through Eighth Centuries*, trans. John J. Contreni. Columbia, S.C.: University of South Carolina Press, 1976.
- Riddle, John M. "Dioscorides." In Cranz, F. Edward, and Kristeller, Paul O., eds., *Catalogus translationum et commentariorum: Mediaeval and Renaissance Latin Translations and Commentaries. Annotated Lists and Guides*, vol. 6, pp. 1–143. Washington, D.C.: Catholic University of America Press, 1980.
- . *Dioscorides on Pharmacy and Medicine*. Austin: University of Texas Press, 1985.
- . "Theory and Practice in Medieval Medicine." *Viator* 5 (1974): 157–70.
- Rosen, Edward. "Renaissance Science as Seen by Burckhardt and His Successors." In Helton, Tinsley, ed., *The Renaissance: A Reconsideration of the Theories and Interpretations of the Age*, pp. 77–103. Madison: University of Wisconsin Press, 1961.
- Rosenfeld, B. A., and Grigorian, A. T. "Thābit ibn Qurra." *Dictionary of Scientific Biography*, 13:288–95.
- Rosenthal, Franz. "The Physician in Medieval Muslim Society." *Bulletin of the History of Medicine* 52 (1978): 475–91.
- Ross, W. D. *Aristotle: A Complete Exposition of His Works and Thought*, 5th ed. Cleveland: Meridian, 1959.
- Rothschuh, Karl E. *History of Physiology*, trans. Guenter B. Risse. Huntington, N.Y.: Krieger, 1973.
- Russell, Bertrand. *A History of Western Philosophy*, 2d ed. London: George Allen & Unwin, 1961.
- Russell, Jeffrey B. *Inventing the Flat Earth: Columbus and Modern Historians*. Westport, Conn.: Praeger, 1991.
- Sabra, A. I. "The Andalusian Revolt against Ptolemaic Astronomy: Averroes and al-Bīrūnī." In Mendelsohn, Everett, ed., *Transformation and Tradition in the Sciences: Essays in Honor of I. Bernard Cohen*, pp. 133–53. Cambridge: Cambridge University Press, 1984.

- \_\_\_\_\_. "The Appropriation and Subsequent Naturalization of Greek Science in Medieval Islam: A Preliminary Statement." *History of Science* 25 (1987): 223–43.
- \_\_\_\_\_. "An Eleventh-Century Refutation of Ptolemy's Planetary Theory." In Hilfstein, Erna; Czartoryski, Paweł; and Grande, Frank D., eds., *Science and History: Studies in Honor of Edward Rosen*, pp. 117–31. Studia Copernicana, no. 16. Wrocław: Ossolineum, 1978.
- \_\_\_\_\_. "Al-Farghānī." *Dictionary of Scientific Biography*, 4:541–45.
- \_\_\_\_\_. "Form in Ibn al-Haytham's Theory of Vision." *Zeitschrift für Geschichte der arabisch-islamischen Wissenschaften* 5 (1989): 115–40.
- \_\_\_\_\_. "Ibn al-Haytham." *Dictionary of Scientific Biography*, 6:189–210.
- \_\_\_\_\_, ed. and trans. *The Optics of Ibn al-Haytham: Books I–III, On Direct Vision*, 2 vols. London: Warburg Institute, 1989.
- \_\_\_\_\_. "Science, Islamic." *Dictionary of the Middle Ages*, 11:81–88.
- \_\_\_\_\_. "The Scientific Enterprise." In Lewis, Bernard, ed., *Islam and the Arab World*, pp. 181–92. New York: Knopf, 1976.
- Sacrobosco, John of. *The Sphere of Sacrobosco and Its Commentators*, ed. and trans. Lynn Thorndike. Chicago: University of Chicago Press, 1949.
- Sa'di, Lufti M. "A Bio-Bibliographical Study of Hunayn ibn Is-haq al-Ibadi (Johannitius)." *Bulletin of the Institute of the History of Medicine* 2 (1934): 409–46.
- Saffron, Morris Harold. *Maurus of Salerno: Twelfth-century "Optimus Physicus" with his Commentary on the Prognostics of Hippocrates*. Transactions of the American Philosophical Society, vol. 62, pt. 1. Philadelphia: American Philosophical Society, 1972.
- Saliba, George. "Astrology/Astronomy, Islamic." *Dictionary of the Middle Ages*, 1:616–24.
- \_\_\_\_\_. "The Development of Astronomy in Medieval Islamic Society." *Arab Studies Quarterly* 4 (1982): 211–25.
- Sambursky, S. *The Physical World of Late Antiquity*. London: Routledge & Kegan Paul, 1962.
- \_\_\_\_\_. *The Physical World of the Greeks*, trans. Merton Dagut. London: Routledge & Kegan Paul, 1956.
- \_\_\_\_\_. *Physics of the Stoics*. London: Routledge & Kegan Paul, 1959.
- Sandbach, F. H. *The Stoics*. London: Chatto & Windus, 1975.
- Sarton, George. *Galen of Pergamon*. Lawrence, Kansas: University of Kansas Press, 1954.
- \_\_\_\_\_. *Introduction to the History of Science*, 3 vols. Washington, D.C.: Williams and Wilkins, 1927–48.
- Sayili, Aydin. *The Observatory in Islam and Its Place in the General History of the Observatory*. Publications of the Turkish Historical Society, series 7, no. 38. Ankara: Türk Tarih Kurumu Basimevi, 1960.
- Scarborough, John. "Classical Antiquity: Medicine and Allied Sciences, An Update." *Trends in History* 4, nos. 2–3 (1988): 5–36.
- \_\_\_\_\_, ed. *Folklore and Folk Medicines*. Madison, Wis.: American Institute of the History of Pharmacy, 1987.
- \_\_\_\_\_. "Galen Redivivus: An Essay Review." *Journal of the History of Medicine* 43 (1988): 313–21.
- \_\_\_\_\_. "The Galenic Question." *Sudhoffs Archiv* 65 (1981): 1–31.

- \_\_\_\_\_. *Roman Medicine*. Ithaca: Cornell University Press, 1969.
- Schmitt, Charles B. *The Aristotelian Tradition and Renaissance Universities*. London: Variorum, 1984.
- \_\_\_\_\_. *Aristotle and the Renaissance*. Cambridge, Mass.: Harvard University Press, 1983.
- \_\_\_\_\_. *Reappraisals in Renaissance Thought*. London: Variorum, 1989.
- \_\_\_\_\_. *Studies in Renaissance Philosophy and Science*. London: Variorum, 1981.
- Seneca, Lucius Annaeus. *Physical Science in the Time of Nero: Being a Translation of the "Quaestiones naturales" of Seneca*, trans. John Clarke, notes by Archibald Giekie. London: Macmillan, 1910.
- Serene, Eileen. "Demonstrative Science." In Kretzmann, Norman; Kenny, Anthony; and Pinborg, Jan, eds., *The Cambridge History of Later Medieval Philosophy*, pp. 496–517. Cambridge: Cambridge University Press, 1982.
- Shank, Michael H. "Unless You Believe, You Shall Not Understand": *Logic, University, and Society in Late Medieval Vienna*. Princeton: Princeton University Press, 1988.
- Shapin, Steven, and Schaffer, Simon. *Leviathan and the Air-Pump: Hobbes, Boyle, and the Experimental Life*. Princeton: Princeton University Press, 1985.
- Sharp, D. E. *Franciscan Philosophy at Oxford in the Thirteenth Century*. Oxford: Clarendon Press, 1930.
- Sharpe, William D., ed. and trans. *Isidore of Seville: The Medical Writings*. Transactions of the American Philosophical Society, vol. 54, pt. 2. Philadelphia: American Philosophical Society, 1964.
- Sigerist, Henry E. *A History of Medicine*, vol. 1: *Primitive and Archaic Medicine*; vol. 2: *Early Greek, Hindu, and Persian Medicine*. Oxford: Oxford University Press, 1951–61.
- \_\_\_\_\_. "The Latin Medical Literature of the Early Middle Ages." *Journal of the History of Medicine* 13 (1958): 127–46.
- Singer, Charles. *A Short History of Anatomy and Physiology from the Greeks to Harvey*. New York: Dover, 1957.
- Singleton, Charles S., ed. *Art, Science, and History in the Renaissance*. Baltimore: Johns Hopkins University Press, 1968.
- Siraishi, Nancy G. *Arts and Sciences at Padua: The Studium of Padua before 1350*. Toronto: Pontifical Institute of Mediaeval Studies, 1973.
- \_\_\_\_\_. *Avicenna in Renaissance Italy: The "Canon" and Medical Teaching in Italian Universities after 1500*. Princeton: Princeton University Press, 1987.
- \_\_\_\_\_. "Introduction." In Williman, Daniel, ed., *The Black Death: The Impact of the Fourteenth-Century Plague*, pp. 9–22. Binghamton: Center for Medieval & Early Renaissance Studies, 1982.
- \_\_\_\_\_. *Medieval and Early Renaissance Medicine: An Introduction to Knowledge and Practice*. Chicago: University of Chicago Press, 1990.
- \_\_\_\_\_. *Taddeo Alderotti and His Pupils: Two Generations of Italian Medical Learning*. Princeton: Princeton University Press, 1981.
- Smalley, Beryl. *The Study of the Bible in the Middle Ages*. Oxford: Basil Blackwell, 1952.
- Smith, A. Mark. "Getting the Big Picture in Perspectivist Optics." *Isis* 72 (1981): 568–89.

- \_\_\_\_\_. "Ptolemy's Search for a Law of Refraction: A Case-Study in the Classical Methodology of 'Saving the Appearances' and Its Limitations." *Archive for History of Exact Sciences* 26 (1982): 221–40.
- \_\_\_\_\_. "Saving the Appearances of the Appearances: The Foundations of Classical Geometrical Optics." *Archive for History of Exact Sciences* 24 (1981): 73–100.
- Smith, Wesley D. *The Hippocratic Tradition*. Ithaca: Cornell University Press, 1979.
- Solmsen, Friedrich. *Aristotle's System of the Physical World: A Comparison with His Predecessors*. Ithaca: Cornell University Press, 1960.
- \_\_\_\_\_. *Hesiod and Aeschylus*. Ithaca: Cornell University Press, 1949.
- \_\_\_\_\_. *Plato's Theology*. Ithaca: Cornell University Press, 1942.
- Sorabji, Richard, ed. *Aristotle Transformed: The Ancient Commentators and Their Influence*. Ithaca: Cornell University Press, 1990.
- \_\_\_\_\_. *Matter, Space, and Motion: Theories in Antiquity and Their Sequel*. Ithaca: Cornell University Press, 1988.
- \_\_\_\_\_, ed. *Philoponus and the Rejection of Aristotelian Science*. London: Duckworth, 1987.
- \_\_\_\_\_. *Necessity, Cause, and Blame: Perspectives on Aristotle's Theory*. Ithaca: Cornell University Press, 1980.
- Southern, Richard W. "From Schools to University." In Catto, J. I., ed., *The Early Oxford Schools*, vol. 1 of *The History of the University of Oxford*, general ed. T. H. Aston, pp. 1–36. Oxford: Clarendon Press, 1984.
- \_\_\_\_\_. "Humanism and the School of Chartres." In Southern, Richard W., *Medieval Humanism and Other Studies*, pp. 61–85. New York: Harper Torchbooks, 1970.
- \_\_\_\_\_. *Robert Grosseteste: The Growth of an English Mind in Medieval Europe*. Oxford: Clarendon Press, 1986.
- \_\_\_\_\_. *Saint Anselm: A Portrait in a Landscape*. Cambridge: Cambridge University Press, 1990.
- \_\_\_\_\_. "The Schools of Paris and the School of Chartres." In Benson, Robert L., and Constable, Giles, eds., *Renaissance and Renewal in the Twelfth Century*, pp. 113–37. Cambridge, Mass.: Harvard University Press, 1982.
- Stahl, William H. "Aristarchus of Samos." *Dictionary of Scientific Biography*, 1:246.
- \_\_\_\_\_. *Roman Science: Origins, Development and Influence to the Later Middle Ages*. Madison: University of Wisconsin Press, 1962.
- Stahl, William H.; Johnson, Richard; and Burge, E. L.  *Martianus Capella and the Seven Liberal Arts*, 2 vols. New York: Columbia University Press, 1971–77.
- Stannard, Jerry. "Albertus Magnus and Medieval Herbalism." In Weisheipl, James A., ed., *Albertus Magnus and the Sciences: Commemorative Essays*, 1980, pp. 355–77. Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- \_\_\_\_\_. "Medieval Herbals and Their Development." *Clio Medica* 9 (1974): 23–33.
- \_\_\_\_\_. "Natural History." In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 429–60. Chicago: University of Chicago Press, 1978.
- Steneck, Nicholas H. *Science and Creation in the Middle Ages: Henry of Langenstein (d. 1397) on Genesis*. Notre Dame, Ind.: University of Notre Dame Press, 1976.
- Stevens, Wesley M. *Bede's Scientific Achievement*. Jarrow upon Tyne: Parish of Jarow, 1986.

- Stock, Brian. *The Implications of Literacy: Written Language and Models of Interpretation in the Eleventh and Twelfth Centuries*. Princeton: Princeton University Press, 1983.
- . *Myth and Science in the Twelfth Century: A Study of Bernard Silvester*. Princeton: Princeton University Press, 1972.
- . "Science, Technology, and Economic Progress." In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 1–51. Chicago: University of Chicago Press, 1978.
- Swerdlow, Noel M., and Neugebauer, Otto. *Mathematical Astronomy in Copernicus's De Revolutionibus*, 2 pts. New York: Springer, 1984.
- Sylla, Edith Dudley. "Compounding Ratios: Bradwardine, Oresme, and the first Edition of Newton's *Principia*." In Mendelsohn, Everett, ed., *Transformation and Tradition in the Sciences: Essays in Honor of I. Bernard Cohen*, pp. 11–43. Cambridge: Cambridge University Press, 1984.
- . "Galileo and the Oxford *Calculatores*: Analytical Languages and the Mean-Speed Theorem for Accelerated Motion." In Wallace, William A., ed., *Reinterpreting Galileo*, pp. 53–108. Washington, D.C.: Catholic University of America Press, 1986.
- . "Medieval Concepts of the Latitude of Forms: The Oxford Calculators." *Archives d'histoire doctrinale et littéraire du moyen âge* 40 (1973): 225–83.
- . "Medieval Quantifications of Qualities: The 'Merton School'." *Archive for History of Exact Sciences* 8 (1971): 9–39.
- . "Science for Undergraduates in Medieval Universities." In Long, Pamela O., ed., *Science and Technology in Medieval Society*, pp. 171–86. Annals of the New York Academy of Sciences, vol. 441. New York: New York Academy of Sciences, 1985.
- Symonds, John Addington. *Renaissance in Italy*, pt. I: *The Age of the Despots*; pt. II: *The Revival of Learning*. New York: Henry Holt, 1888.
- Tachau, Katherine H. *Vision and Certitude in the Age of Ockham: Optics, Epistemology and the Foundations of Semantics, 1250–1345*. Leiden: Brill, 1988.
- Talbot, Charles H. "Medicine." In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 391–428. Chicago: University of Chicago Press, 1978.
- . *Medicine in Medieval England*. London: Oldbourne, 1967.
- Taylor, F. Sherwood. *The Alchemists*. New York: Henry Schuman, 1949.
- Temkin, Owsei. *The Double Face of Janus and Other Essays in the History of Medicine*. Baltimore: Johns Hopkins University Press, 1977.
- . *Galenism: Rise and Decline of a Medical Philosophy*. Ithaca: Cornell University Press, 1973.
- . "Greek Medicine as Science and Craft." *Isis* 44 (1953): 213–25.
- . "On Galen's Pneumatology." *Gesnerus* 8 (1951): 180–89.
- Tester, Jim. *A History of Western Astrology*. Woodbridge, Suffolk: Boydell, 1987.
- Thomas Aquinas. *Faith, Reason and Theology: Questions I–IV of His Commentary on the De Trinitate of Boethius*, trans. Armand Maurer. Toronto: Pontifical Institute of Mediaeval Studies, 1987.
- . *Summa Theologiae* (Blackfriars Edition), vol. 10: *Cosmogony*, ed. and trans. William A. Wallace. New York: McGraw-Hill, 1967.
- Thomas Aquinas, Siger of Brabant, and Bonaventure. *On the Eternity of The World*, trans. Cyril Vollert, Lottie H. Kendzierski, and Paul M. Byrne. Mediaeval Philo-

- sophical Texts in Translation, no. 16. Milwaukee: Marquette University Press, 1964.
- Thorndike, Lynn. *A History of Magic and Experimental Science*, 8 vols. New York: Columbia University Press, 1923–58.
- . *Michael Scot*. London: Nelson, 1965.
- . *Science and Thought in the Fifteenth Century*. New York: Columbia University Press, 1929.
- . *University Records and Life in the Middle Ages*. New York: Columbia University Press, 1944.
- Toomer, G. J. "Heraclides Ponticus." *Dictionary of Scientific Biography*, 15:202–5.
- . "Hipparchus." *Dictionary of Scientific Biography*, 15:205–24.
- . "Mathematics and Astronomy." In Harris, J. R., ed., *The Legacy of Egypt*, 2d ed., pp. 27–54. Oxford: Clarendon Press, 1971.
- . "Ptolemy." *Dictionary of Scientific Biography*, 11:186–206.
- . "A Survey of the Toledan Tables." *Osiris* 15 (1968): 1–174.
- Toulmin, Stephen, and Goodfield, June. *The Fabric of the Heavens: The Development of Astronomy and Dynamics*. New York: Harper, 1961.
- Ullmann, Manfred. "Al-Kīmiyā?" *The Encyclopaedia of Islam*, new ed., vol. 5, fasc. 79–80, pp. 110–15.
- . *Islamic Medicine*, trans. Jean Watt. Edinburgh: Edinburgh University Press, 1978.
- Unguru, Sabetai. "History of Ancient Mathematics: Some Reflections on the State of the Art." *Isis* 70 (1979): 555–65.
- . "On the Need to Rewrite the History of Greek Mathematics." *Archive for History of Exact Sciences* 15 (1975): 67–114.
- van der Waerden, B. L. "Mathematics and Astronomy in Mesopotamia." *Dictionary of Scientific Biography*, 15:667–80.
- . *Science Awakening: Egyptian, Babylonian and Greek Mathematics*, trans. Arnold Dresden. New York: John Wiley, 1963.
- van der Waerden, B. L., with Huber, Peter. *Science Awakening II: The Birth of Astronomy*. Leyden: Noordhoff, 1974.
- Van Helden, Albert. *The Invention of the Telescope*. Transactions of the American Philosophical Society, vol. 67, pt. 4. Philadelphia: American Philosophical Society, 1977.
- . *Measuring the Universe: Cosmic Dimensions from Aristarchus to Halley*. Chicago: University of Chicago Press, 1985.
- Vansina, Jan. *The Children of Woot: A History of the Kuba Peoples*. Madison: University of Wisconsin Press, 1978.
- . *Oral Tradition as History*. Madison: University of Wisconsin Press, 1985.
- Van Steenberghen, Fernand. *Aristotle in the West*, trans. Leonard Johnston. Louvain: Nauwelaerts, 1955.
- . *Les œuvres et la doctrine de Siger de Brabant*. Paris: Palais des Académies, 1938.
- . *The Philosophical Movement in the Thirteenth Century*. London: Nelson, 1955.
- . *Thomas Aquinas and Radical Aristotelianism*. Washington, D.C.: Catholic University of America Press, 1980.

- Verbeke, G. "Simplicius." *Dictionary of Scientific Biography*, 12:440–43.
- . "Themistius." *Dictionary of Scientific Biography*, 13:307–9.
- Veyne, Paul. *Did the Greeks Believe in Their Myths?* Trans. Paula Wissing. Chicago: University of Chicago Press, 1988.
- Vickers, Brian, ed. *Occult and Scientific Mentalities in the Renaissance*. Cambridge: Cambridge University Press, 1984.
- Vlastos, Gregory. *Plato's Universe*. Seattle: University of Washington Press, 1975.
- Voigts, Linda E. "Anglo-Saxon Plant Remedies and the Anglo-Saxons." *Isis* 70 (1979): 250–68.
- Voigts, Linda E., and Hudson, Robert P. "'A drynke that men callen dwale to make a man to slepe whyle men kerven hem': A Surgical Anesthetic from Late Medieval England." In Campbell, Sheila, ed., *Health, Disease and Healing in Medieval Culture*. New York: St. Martin's Press, forthcoming.
- Voigts, Linda E., and McVaugh, Michael R. *A Latin Technical Phlebotomy and Its Middle English Translation*. Transactions of the American Philosophical Society, vol. 74, pt. 2. Philadelphia: American Philosophical Society, 1984.
- von Grunebaum, G. E. *Classical Islam: A History 600–1258*, trans. Katherine Watson. Chicago: Aldine, 1970.
- . *Islam: Essays in the Nature and Growth of a Cultural Tradition*, 2d ed. London: Routledge & Kegan Paul, 1961.
- von Staden, Heinrich. "Hairesis and Heresy: The Case of the *haireseis iatrikai*." In Meyer, Ben F., and Sanders, E. P., eds., *Jewish and Christian Self-Definition*, vol. 3: *Self-Definition in the Graeco-Roman World*, pp. 76–100, 199–206. London: SCM Press, 1982.
- . *Herophilus: The Art of Medicine in Early Alexandria*. Cambridge: Cambridge University Press, 1989.
- Vööbus, Arthur. *History of the School of Nisibis*. Corpus scriptorum Christianorum orientalium, vol. 266. Louvain: Secrétariat du CorpusSCO, 1965.
- Wagner, David L., ed. *The Seven Liberal Arts in the Middle Ages*. Bloomington: Indiana University Press, 1983.
- Wallace, William A. "Aristotle in the Middle Ages." *Dictionary of the Middle Ages*, 1:456–69.
- . *Causality and Scientific Explanation*, 2 vols. Ann Arbor: University of Michigan Press, 1972–1974.
- . *Galileo and His Sources: The Heritage of the Collegio Romano in Galileo's Science*. Princeton: Princeton University Press, 1984.
- . "The Philosophical Setting of Medieval Science." In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 91–119. Chicago: University of Chicago Press, 1978.
- . *Prelude to Galileo: Essays on Medieval and Sixteenth-Century Sources of Galileo's Thought*. Boston Studies in the Philosophy of Science, vol. 62. Dordrecht: Reidel, 1981.
- , ed. *Reinterpreting Galileo*. Studies in Philosophy and the History of Science, no. 15. Washington, D.C.: Catholic University of America Press, 1986.
- . "Thomism and Its Opponents." *Dictionary of the Middle Ages*, 12:38–45.
- Walzer, Richard. "Arabic Transmission of Greek Thought to Medieval Europe." *Bulletin of the John Rylands Library* 29 (1945–46): 160–83.

- Waterlow, Sarah. *Nature, Change, and Agency in Aristotle's "Physics."* Oxford: Clarendon Press, 1982.
- Wedel, Theodore Otto. *The Mediaeval Attitude toward Astrology, Particularly in England.* New Haven: Yale University Press, 1920.
- Weinberg, Julius. *A Short History of Medieval Philosophy.* Princeton: Princeton University Press, 1964.
- Weisheipl, James A., ed. *Albertus Magnus and the Sciences: Commemorative Essays, 1980.* Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- \_\_\_\_\_. "The Celestial Movers in Medieval Physics." *The Thomist* 24 (1961): 286–326.
- \_\_\_\_\_. "Classification of the Sciences in Medieval Thought." *Mediaeval Studies* 27 (1965): 54–90.
- \_\_\_\_\_. "The Concept of Nature." *The New Scholasticism* 28 (1954): 377–408.
- \_\_\_\_\_. "Curriculum of the Faculty of Arts at Oxford in the Fourteenth Century." *Mediaeval Studies* 26 (1964): 143–85.
- \_\_\_\_\_. *The Development of Physical Theory in the Middle Ages.* New York: Sheed and Ward, 1959.
- \_\_\_\_\_. "Developments in the Arts Curriculum at Oxford in the Early Fourteenth Century." *Mediaeval Studies* 28 (1966): 151–75.
- \_\_\_\_\_. *Friar Thomas d'Aquino: His Life, Thought and Works.* Garden City: Doubleday, 1974.
- \_\_\_\_\_. "The Life and Works of St. Albert the Great." In Weisheipl, James A., ed., *Albertus Magnus and the Sciences: Commemorative Essays, 1980*, pp. 13–51. Toronto: Pontifical Institute of Mediaeval Studies, 1980.
- \_\_\_\_\_. *Nature and Motion in the Middle Ages*, ed. William E. Carroll. Washington: Catholic University of America Press, 1985.
- \_\_\_\_\_. "The Nature, Scope, and Classification of the Sciences." In Lindberg, David C., ed., *Science in the Middle Ages*, pp. 461–82. Chicago: University of Chicago Press, 1978.
- \_\_\_\_\_. "The Principle *Omne quod movetur ab alio movetur* in Medieval Physics." *Isis* 56 (1965): 26–45.
- \_\_\_\_\_. "Science in the Thirteenth Century." In Catto, J. I., ed., *The Early Oxford Schools*, vol. 1 of *The History of the University of Oxford*, general ed. T. H. Aston, pp. 435–69. Oxford: Clarendon Press, 1984.
- Wetherbee, Winthrop, trans. *The Cosmographia of Bernardus Silvestris.* New York: Columbia University Press, 1973.
- \_\_\_\_\_. "Philosophy, Cosmology, and the Twelfth-Century Renaissance." In Dronke, Peter, ed., *A History of Twelfth-Century Western Philosophy*, pp. 21–53. Cambridge: Cambridge University Press, 1988.
- White, Lynn, Jr. *Medieval Technology and Social Change.* Oxford: Oxford University Press, 1962.
- White, T. H., trans. *The Bestiary: A Book of Beasts.* New York: G. P. Putnam's Sons, 1954.
- Whitney, Elspeth. *Paradise Restored: The Mechanical Arts from Antiquity through the Thirteenth Century.* Transactions of the American Philosophical Society, vol. 80, pt. 1. Philadelphia: American Philosophical Society, 1990.
- Williman, Daniel, ed. *The Black Death: The Impact of the Fourteenth-Century*

- Plague.* Binghamton: Center for Medieval & Early Renaissance Studies, 1982.
- Wilson, Curtis. *William Heytesbury: Medieval Logic and the Rise of Mathematical Physics.* Madison: University of Wisconsin Press, 1960.
- Wilson, N. G. *Scholars of Byzantium.* Baltimore: Johns Hopkins University Press, 1983.
- Wippel, John F. "The Condemnations of 1270 and 1277 at Paris." *Journal of Medieval and Renaissance Studies* 7 (1977): 169–201.
- Witelo. *Witelonis Perspectivae liber primus: Book I of Witelo's "Perspectiva": An English Translation with Introduction and Commentary and Latin Edition of the Mathematical Book of Witelo's "Perspectiva,"* ed. and trans. Sabetai Unguru. Studia Copernicana, no. 15. Wrocław: Ossolineum, 1977.
- . *Witelonis Perspectivae liber quintus: Book V of Witelo's Perspectiva: An English Translation with Introduction and Commentary and Latin Edition of the First Catoptrical Book of Witelo's Perspectiva,* ed. and trans. A. Mark Smith. Studia Copernicana, no. 23. Wrocław: Ossolineum, 1983.
- Wolff, Michael. "Philoponus and the Rise of Preclassical Dynamics." In Sorabji, Richard, ed., *Philoponus and the Rejection of Aristotelian Science*, pp. 84–120. London: Duckworth, 1987.
- Wolfson, Harry Austryn. *Crescas' Critique of Aristotle: Problems of Aristotle's "Physics" in Jewish and Arabic Philosophy.* Cambridge, Mass.: Harvard University Press, 1929.
- Woodward, David. "Medieval *Mappaemundi.*" In Harley, J. B., and Woodward, David, eds., *The History of Cartography*, vol. 1: *Cartography in Prehistoric, Ancient, and Medieval Europe and the Mediterranean*, pp. 286–370. Chicago: University of Chicago Press, 1987.
- Wright, John Kirtland. *The Geographical Lore of the Time of the Crusades: A Study in the History of Medieval Science and Tradition in Western Europe.* New York: American Geographical Society, 1925.
- Yates, Frances A. *Giordano Bruno and the Hermetic Tradition.* London: Routledge & Kegan Paul, 1964.
- . "The Hermetic Tradition in Renaissance Science." In Singleton, Charles S., ed., *Art, Science, and History in the Renaissance*, pp. 255–74. Baltimore: Johns Hopkins University Press, 1968.
- Zimmermann, Fritz. "Philoponus' Impetus Theory in the Arabic Tradition." In Sorabji, Richard, ed., *Philoponus and the Rejection of Aristotelian Science*, pp. 121–29. London: Duckworth, 1987.
- Zinner, Ernst. "Die Tafeln von Toledo." *Osiris* 1 (1936): 747–74.