

## Early Astronomy in the University of Michigan Collections: Bibliography

- Adams, Danielle. *Two Deserts, One Sky: Arab Star Calendars* ([available online](#)).
- Adams, Danielle. “Whose stars? Our heritage of Arabian astronomy.” *The Planetary Society*, 18 December 2018 ([published online](#)).
- Adnan Adivar, A. “‘Alī b. Muḥammad al-Ḳūshdjī.” In *Encyclopaedia of Islam, Second Edition*, edited by Peri Bearman et al.
- Aiton, E. J. 1969. “Kepler’s Second Law of Planetary Motion.” *Isis* 60: 75-90.
- Aiton, E. J. 1977. “Johannes Kepler and the ‘Mysterium Cosmographicum’.” *Sudhoffs Archiv* 61: 173-194.
- Aiton, E. J. 1987. “Peurbach’s *Theoricae Novae Planetarum*: A Translation with Commentary.” *Osiris* 3: 4-43.
- “Anonymous: The Theory of the Planets.” Trans. Olaf Pedersen. In *A Source in Medieval Science*. Ed. Edward Grant, 451-465. Cambridge, Mass.: Harvard University Press, 1974.
- Baccani, Donata. 1991. *Oroscopi greci: documentazione papirologica Ricerca papirologica I*. Messina: Sicania: 173-177.
- Baldini, Ugo, and Leen Spruit. 2009. *Catholic Church and Modern Science: Documents from the Archives of the Roman Congregations of the Holy Office and the Index*. Rome: Libreria Editrice Vaticana.
- Barton, Tamsyn. 1995. “Augustus and Capricorn: Astrological Polyvalency and Imperial Rhetoric.” *The Journal of Roman Studies* 85: 33-51.
- Beaulieu, Paul-Alain, Eckart Frahm, Wayne Horowitz, and John M. Steele. 2018. *The Cuneiform Uranology Texts: Drawing the Constellations*. Transactions of the American Philosophical Society. Vol. 107, part 2. Philadelphia: American Philosophical Society Press.
- Beck, Roger L. 2007. *A Brief History of Ancient Astrology. Brief Histories of the Ancient World*. Malden (Mass.) - Oxford: Blackwell.
- Bishop, Caroline. 2016. “Naming the Roman Stars: Constellation Etymologies in Cicero’s « Aratea » and « De natura deorum ».” *Classical Quarterly* N. S. 66 (1): 155-171.
- Bishop, Caroline. 2019. *Cicero, Greek Learning, and the Making of a Roman Classic*. Oxford: Oxford University Press: 41-84.
- de Blois, François C., David A. King, and Julio Samsó. “Zīdj.” In *Encyclopaedia of Islam, Second Edition*, edited by Peri Bearman et al.
- Bowen, Alan C., and Francesca Rochberg, eds. 2020. *A Brill Companion to Hellenistic Astronomy: The Science in Its Contexts.*, Leiden - Boston: Brill.
- Broecke, Steven Vanden. 2000. “The Use of Visual Media in Renaissance Cosmography: the *Cosmography* of Peter Apian.” *Paedagogica Historica* 36: 130-150.

- de Bujanda, J. M., ed. 1984-1999. *Index des livres interdits*. 11 vols. Sherbrooke, Québec: Centre d'études de la Renaissance, Editions de l'Université de Sherbrooke.
- Burckhardt, J. J. 1958. "Zwei griechische Ephemeriden." *Osiris* 13: 79-92.
- Cavin, Jerry D. 2011. "Ulugh Beg." In *The Amateur Astronomer's Guide to the Deep-Sky Catalogs*, edited by Jerry D. Cavin. New York, NY: Springer New York: 51-54.
- Chabás, José. 2019. *Computational Astronomy in the Middle Ages: Sets of Astronomical Tables in Latin. Estudios sobre la Ciencia* 72. Madrid: Consejo Superior de Investigaciones Científicas.
- Christianson, John. 1961. "The Celestial Palace of Tycho Brahe." *Scientific American* 204 (2): 118–128.
- Copernicus, Nicolaus. 1992. *Nicolaus Copernicus: Complete Works*. Trans. Edward Rosen. 2 vols. Baltimore and London: The John Hopkins University Press.
- Curtis, Herber D., and Frank E. Robbins. 1935. "An ephemeris of 467 A.D." *Publ. of the Observatory of the Univ. of Michigan* VI: 77-100.
- Daiber, Hans, and F. Jamil Ragep. "al-Ṭūsī, Naṣīral-Dīn, Abū D̲j̲a'far Muḥammad." In *Encyclopaedia of Islam, Second Edition*, edited by Peri Bearman et al.
- Daly, John F. 2008. "Sacrobosco, Johannes De (or John of Holywood)." In *Complete Dictionary of Scientific Biography*, Vol. 12 (digital edition). Detroit, MI: Charles Scribner's Sons: 60-63.
- Delporte, E. 1947. "Papyrus Michigan III." *Chronique d'Égypte* 22 (43): 73-83.
- Dicks, D. R. 1970. *Early Greek astronomy to Aristotle. Aspects of Greek and Roman life*. Ithaca, N.Y.: Cornell University Press.
- Drake, Stillman. 1962. "Galileo Gleanings XIII: An Unpublished Fragment Relating to the Telescope and the Medicean Stars." *Physis; Rivista Internazionale di Storia della Scienza* 4: 342-344.
- Drake, Stillman. 1976. "Galileo's First Telescopic Observations." *Journal for the History of Astronomy* 7 (3): 153-168.
- Drake, Stillman. 2008. "Galilei, Galileo." In *Complete Dictionary of Scientific Biography*, Vol. 5 (digital edition). Detroit, MI: Charles Scribner's Sons: 237-249.
- Dreyer, J. L. E. 1890. *Tycho Brahe, a Picture of Scientific Life and Work in the Sixteenth Century*. Edinburgh: A. & C. Black.
- Dupré, Sven, Albert Van Helden, Rob Van Gent, and Huib Zuidervart, eds. 2010. *The Origins of the Telescope*. Amsterdam: KNAW Press.
- Dwyer, Eugene Joseph. 1973. "Augustus and the Capricorn." *Mitteilungen des Deutschen Archäologischen Instituts, Römische Abteilung = Bollettino dell'Istituto Archeologico Germanico, Sezione Romana* 80: 59-67.
- Evans, James. 1998. *The History & Practice of Ancient Astronomy*. New York: Oxford University Press.

- Evans, James. 2018. "Ptolemy." In *Oxford Handbook of Science and Medicine in the Classical World*, edited by Paul T. Keyser and John Scarborough. New York: Oxford University Press: 719-828.
- Feldhay, Rivkha. 1995. *Galileo and the Church: Political Inquisition or Critical Dialogue?* Cambridge - New York: Cambridge University Press, 1995.
- Feldhay, Rivka, and Ragep, F. Jamil, eds. 2017. *Before Copernicus: The Cultures and Contexts of Scientific Learning in the Fifteenth Century*. Montreal: McGill-Queen's University Press.
- Fragnito, Gigliola. 2001. *Church, Censorship, and Culture in Early Modern Italy*. Cambridge: Cambridge University Press.
- Galilei, Galileo. 1967. *Dialogue Concerning the Two Chief World Systems: Ptolemaic & Copernican*. Trans. Stillman Drake. Foreword by Albert Einstein. Berkeley, Cal.: University of California Press.
- Galilei, Galileo. 2005. *Il Saggiatore*. Ed. & com. Ottavio Besoni and Mario Helbing. Rome: Antenore.
- Galilei, Galileo. 2015. *Sidereus Nuncius or The Sidereal Messenger*. Ed. & com. Albert Van Helden. 2nd edition. Chicago - London: The University of Chicago Press.
- Galilei, Galileo, and Christoph Scheiner. 2010. *On Sunspots*. Trans. & introd. Eileen Reeves and Albert Van Helden. Chicago - London: The University of Chicago Press.
- Galilei, Galileo, Orazio Grassi, and Johannes Kepler. 1960. *The Controversy on the Comets of 1618: Galileo Galilei, Horatio Grassi, Johann Kepler*. Ed. & trans. Stillman Drake and C. D. O'Malley. Philadelphia: University of Pennsylvania Press.
- Gee, Emma. 2013. *Aratus and the Astronomical Tradition. Classical Culture and Society*. Oxford - New York: Oxford University Press.
- van Gent, R. H. *Al-Ṣūfī's Book of the Constellations of the Fixed Stars and its Influence on Islamic and Western Celestial Cartography*. ([available online](#)), last updated October 2021.
- Gingerich, Owen. 1968. "A Study of Kepler's Rudolphine Tables." *Actes du XI Congrès international d'histoire des sciences* 3. Wrocław: Ossolineum: 31-36.
- Gingerich, Owen. 1972. "Johannes Kepler and the New Astronomy." *Quarterly Journal of the Royal Astronomical Society* 13: 346-373.
- Gingerich, Owen. 1973. "The Role of Erasmus Reinhold and the Prutenic Tables in the Dissemination of Copernican Theory." *Studia Copernicana* 6: 43-62.
- Gingerich, Owen. 1987. "The Alphonsine Tables in the Age of Printing." In *De astronomia Alphonsi regis: actas del simposio sobre astronomía alfonsí celebrado en Berkeley (agosto 1985) y otros trabajos sobre el mismo tema*, edited by Merce Comes, Roser Puig, and Julio Samso. Barcelona: Universidad de Barcelona: 89-95.
- Gingerich, Owen. 1993. "The Master of the 1550 Radices: Jofrancus Offusius." *Journal for the Study of Astronomy* 24 (4): 235-253.

- Gingerich, Owen. 2002. *An Annotated Census of Copernicus' De Revolutionibus (Nuremberg, 1543 and Basel, 1566)*. Leiden - Boston - Köln: Brill.
- Gingerich, Owen. 2004. *The Book Nobody Read: Chasing the Revolutions of Nicolaus Copernicus*. New York: Walker & Company.
- Gingerich, Owen. 2008. "Kepler, Johannes." In *Complete Dictionary of Scientific Biography*, Vol. 7 (digital edition). Detroit, MI: Charles Scribner's Sons: 289-312.
- Gingerich, Owen. 2008. "Reinhold, Erasmus." In *Complete Dictionary of Scientific Biography*, Vol. 11 (digital edition). Detroit, MI: Charles Scribner's Sons: 365-367.
- Götze, Albrecht, and Benjamin R. Foster. 2009. *Cuneiform Texts from Various Collections*. Yale Oriental Series. Vol. 15. New Haven, Conn: Yale University Press: no. 7.
- Grant, Edward. 1987. "Celestial Orbs in the Latin Middle Ages." *Isis* 78 (2): 152-173.
- Grendler, Paul F. 1977. *The Roman Inquisition and the Venetian Press, 1540-1605*. Princeton, NJ: Princeton University Press.
- Hard, Robin. 2015. *Eratosthenes and Hyginus, Constellation myths. With Aratus's Phaenomena*. Oxford World's Classics. Oxford - New York: Oxford University Press.
- Harris, Neil. 2006. "De Revolutionibus in Bibliography: Analysing the Copernican Census." *The Library* 7 (3): 320-329.
- Hellman, Doris C. 1963. "Was Tycho Brahe as Influential as He Thought?" *British Journal for the History of Science* 1 (4): 295-324.
- Hellman, Doris C. 2008. "Brahe, Tycho." In *Complete Dictionary of Scientific Biography*, Vol. 2. (digital edition). Detroit, MI: Charles Scribner's Sons: 401-416.
- Hellman, C. Doris, and Noel M. Swerdlow. 2008. "Peurbach (or Peuerbach), Georg." In *Complete Dictionary of Scientific Biography*, Vol. 15 (digital edition). Detroit, MI: Charles Scribner's Sons: 473-479.
- Holton, Gerald. 1956. "Johannes Kepler's Universe: Its Physics and Metaphysics." *American Journal of Physics* 24: 340-351.
- Islamic Scientific Manuscripts Initiative (ISMI) ([available online](#)).
- Jardine, Nicholas, Elisabeth Leedham-Green, and Christopher Lewis. 2014. "Johann Baptist Hebenstreit's Idyll on the Temple of Urania, the Frontispiece Image of Kepler's *Rudolphine Tables*, Part 1: Context and Significance." *Journal for the History of Astronomy* 45 (1): 1-19.
- Jones, Alexander. 1990. "Babylonian and Greek Astronomy in a Papyrus Concerning Mars." *Centaurus: An International Journal of the History of Science and Its Cultural Aspects* XXXIII: 97-114.
- Jones, Alexander. 1999. "A Classification of Astronomical Tables on Papyrus." In *Ancient Astronomy and Celestial Divination*, edited by Noel M. Swerdlow, Cambridge MA: MIT Press: 299-340, at 334.

- Jones, Alexander. 2002. “Babylonian Lunar Theory in Roman Egypt: Two New Texts”, in *Under One Sky: Astronomy and Mathematics in the Ancient Near East*, edited by John M. Steele and Annette Imhausen. Münster: Ugarit-Verlag: 167–174.
- Jones, Alexander. 2016. “More Babylonian Lunar Theory in the Astronomical Papyrus P.Colker.” *Zeitschrift für Papyrologie und Epigraphik* 199: 137-143.
- Kanas, Nick. 2005. “Volvelles! Early Paper Astronomical Computers.” *Mercury* 34 (2): 33-39.
- Kennedy, Edward S. 1956. “A Survey of Islamic Astronomical Tables.” *Transactions of the American Philosophical Society*, new series 46 (2): 123-177 ([available online](#)).
- Kennedy, Edward S. 1966. “Late Medieval Planetary Theory.” *Isis* 57: 365-378.
- Kennedy, Edward S., and Victor Roberts. 1959. “The Planetary Theory of Ibn al-Shāṭir.” *Isis* 50: 227–35.
- Kepler, Johannes. 1981. *The Secret of the Universe: Mysterium Cosmographicum*. Trans. A. M. Duncam. Intr. & Com. E. J. Aiton. New York: Abaris Books.
- Kidd, Douglas. 1997. *Aratus, Phaenomena, Edited with Introduction, Translation and Commentary. Cambridge Classical Texts and Commentaries*. Cambridge - New York: Cambridge University Press.
- Knobel, Edward Ball. 1917. *Ulugh Beg’s Catalogue of Stars, rev. from all Persian Manuscripts Existing in Great Britain, with a Vocabulary of Persian and Arabic Words*. Washington, DC: The Carnegie Institution of Washington ([available online](#)).
- Koyré, Alexandre. 1939. *Études Galiléennes*. Paris: Hermann.
- Krisciunas, Kevin. 1992. “The Legacy of Ulugh Beg.” In *Central Asian Monuments*, edited by Hasan B. Paksoy. Istanbul: ISIS Press: 95-103.
- Kuhn, Thomas S. 1957. *The Copernican Revolution: Planetary Astronomy in the Development of Western Thought*. Cambridge, Mass.: Harvard University Press.
- Kunitzsch, Paul. “‘Abd al-Rahmān al-Ṣūfī.” In *Encyclopaedia of Islam THREE*, edited by Kate Fleet et al.
- Kunitzsch, Paul. 1986. *Der Sternkatalog des Almagest: die arabische-mittelalterliche Tradition*. Wiesbaden: O. Harrassowitz.
- Kunitzsch, P. 1986. “Star catalogues and star tables in mediaeval Oriental and European astronomy.” *Indian Journal of the History of Science* 21: 113-122. [= Kuntizsch, Paul. 1989. *The Arabs and the stars: texts and traditions on the fixed stars, and their influence in medieval Europe*. Northampton UK: Variorum Reprints: I]
- Kunitzsch, Paul. 1987. “A Medieval Reference to the Andromeda Nebula.” *ESO Messenger* 49: 42–3.
- Kunitzsch, Paul. 1993. “Gerhard von Cremona und seine Übersetzung des Almagest.” In *Die Begegnung des Westens mit dem Osten: Kongressakten des 4. Symposiums des Mediävistenverbandes in Köln 1991 aus Anlass des 1000. Todesjahres der Kaiserin Theophanu*, edited by Odilo Engels and Peter Schreiner. Sigmaringen: Thorbecke: 333-340.

- Lane, George E. 2018. “ṬUSI, NAṢIR-AL-DIN.” In *Encyclopædia Iranica*, online edition ([available online](#)).
- Langermann, Y. Tzvi. 2007. “A Compendium of Renaissance Science. Ta‘alumat ḥokmah by Moses Galeano.” *Aleph: Historical Studies in Science and Judaism* 7: 285–318.
- Le Bœuffe, André. 2003 (pr. éd. 1975). *Germanicus, Les phénomènes d’Aratos*. *Collection des Universités de France*. Paris: Les Belles Lettres.
- *The Life and Work of Ibn al-Shāṭir, an Arab Astronomer of the fourteenth century*, edited by Edward Stewart Kennedy and Imad Ghanem. Ḥalab: Ma‘had al-Turāth al-‘Ilmī al-‘Arabī, Jāmi‘at Ḥalab, 1976.
- Lightfoot, Jessica. 2017. “Hipparchus’ Didactic Journey: Poetry, Prose, and Catalogue Form in the « Commentary on Aratus and Eudoxus ».” *Greek, Roman and Byzantine Studies* 57 (4): 935-967.
- Lloyd, Steven A. 1989. “Lunar Volvelles and Moondials in Baroque Germany.” *Journal for the History of Astronomy* 20 (2): 121-127.
- Luiselli, Raffaele. 2015. “Hellenistic Astronomers and Scholarship.” In *Brill’s Companion to Ancient Greek Scholarship*, edited by Franco Montanari, Stephanos Matthaios, and Antonios Rengakos. Leiden: Brill: 1216-1234.
- Maddison, Francis, and Emilie Savage-Smith. 1997. *Science, Tools, & Magic Part One: Body and Spirit, Mapping the Universe* (= Nasser D. Khalili Collection of Islamic Art, v. 12). London: The Nour Foundation in association with Azimuth Editions and Oxford University Press.
- Manz, Beatrice F. “Ulugh Beg.” In *Encyclopaedia of Islam, Second Edition*, edited by Peri Bearman et al.
- Marcus, Hannah. 2020. *Forbidden Knowledge: Medicine, Science, and Censorship in Early Modern Italy*. Chicago: University of Chicago Press.
- Marcus, Hannah, and Paula Findlen. 2019. “Deciphering Galileo: Communication and Secrecy before and after the Trial.” *Renaissance Quarterly* 72 (3): 953-995.
- Martin, Jean. 1956. *Histoire du texte des Phénomènes d’Aratos. Études et Commentaires*. Paris: Klincksieck.
- Mastorakou, Stamatina. 2020. “Aratus and the Popularization of Hellenistic Astronomy.” In *Hellenistic Astronomy: The Science in Its Contexts*, edited by Alan C. Bowen and Francesca Rochberg, Leiden - Boston: Brill: 383-397.
- Mayer, L. A. 1956. *Islamic Astrolabists and Their Works*. Geneva: Albert Kundig.
- Morrison, Robert. 2014. “A Scholarly Intermediary Between the Ottoman Empire and Renaissance Europe.” *Isis* 105: 32–57.
- Needham, Paul. 2011. *Galileo Makes a Book: The First Edition of Sidereus Nuncius, Venice 1610*. Vol. 2 of Bredekamp, Horst et al., eds. *Galileo’s O*. 2 vols. Berlin: Akademie Verlag.

- Neugebauer, Otto. 1942. “On Some Astronomical Papyri and Related Problems of Ancient Geography.” *Transactions of the American Philosophical Society* 32 (2): 251-263, at 251-252.
- Neugebauer, Otto. 1955. *Astronomical Cuneiform Texts*, London: Lund Humphries: no. 122.
- Neugebauer, Otto, ed. 1960. *A new Greek astronomical table (P. Heid. Inv. 4144 + P. Mich. 151)*. Vol. 39, *Det Kongelige Danske Videnskabernes Selskab. Historisk-filologiske Meddelelser*. København: Munksgaard.
- Neugebauer, Otto. 1972. “Planetary Motion in P. Mich. 149.” *The Bulletin of the American Society of Papyrologists* 9: 19-22.
- Neugebauer, Otto. 1975. *A History of Ancient Mathematical Astronomy. Studies in the History of Mathematics and Physical Sciences. 1*. New York: Springer-Verlag.
- Neugebauer, Otto, and Henry B. van Hoesen. 1964. “Astrological Papyri and Ostraca. Bibliographical Notes.” *Proceedings of the American Philosophical Society* 108: 57-72.
- Nikfahm-Khubravan, Sajjad and F. Jamil Ragep. “Ibn al-Shāṭir.” In *Encyclopaedia of Islam THREE*, edited by Kate Fleet et al.
- Pàmias Massana, Jordi. 2013. “Il testo dei « Fragmenta Vaticana » nella tradizione dei « Catasterismi ».” In *Antiche stelle a Bisanzio: il codice Vaticano greco 1087*, edited by Fabio Guidetti and Anna Santoni, In *Seminari e Convegni / Scuola Normale Superiore di Pisa*, Pisa: Edizioni della Normale: 77-91.
- Pàmias Massana, Jordi, and Arnaud Zucker. 2013. *Ératosthène de Cyrène, Catastérismes. Série grecque de la Collection des universités de France*. Paris: Les Belles Lettres.
- Pantin, Isabelle. 2012. “The First Phases of the *Theoricae Planetarum* Printed Tradition (1474-1535): The Evolution of a Genre Observed through its Images.” *Journal for the History of Astronomy* 43 (1): 3-26.
- Pedersen, Olaf. 1981. “The Origin of the ‘Theorica Planetarum.’” *Journal for the History of Astronomy* 12 (2): 113-123.
- Pedersen, Olaf, and Alexander Jones. 2011. *A Survey of the Almagest*. Revised edition. New York: Springer: 261–294.
- Possanza, D. Mark. 2004. *Translating the Heavens: Aratus, Germanicus, and the Poetics of Latin Translation. Lang Classical Studies*. New York: Lang.
- Ragep, F. Jamil. “Astronomy.” In *Encyclopaedia of Islam THREE*, edited by Kate Fleet, et al.
- Ragep, F. Jamil. 1993. *Naṣīr al-Dīn al-Ṭūsī's Memoir on astronomy = al-Tadhkira fī 'ilm al-hay'a. Vol. I Introduction, edition, and translation with 96 illustrations. Vol. 2 Commentary and apparatus*. New York: Springer-Verlag.
- Ragep, F. Jamil. 2016. “Ibn Al-Shāṭir and Copernicus: The Uppsala Notes Revisited.” *Journal for the History of Astronomy* 47 (4): 395–415.
- Ragep, F. Jamil. 2017. “From Tūn to Toruń: The Twists and Turns of the Tūsī-Couple.” In *Before Copernicus: The Cultures and Contexts of Scientific Learning in the Fifteenth*

*Century*, edited by Rivka Feldhay and F. Jamil Ragep. Montreal: McGill-Queen's University Press: 161-197.

- Ragep, F. Jamil. “Ḳāḍī-Zāde Rūmī.” In *Encyclopaedia of Islam, Second Edition*, edited by Peri Bearman et al.
- Ragep, Sally P. 2016. *Jaghmīnī's Mulakhkhaṣ. An Islamic Introduction to Ptolemaic Astronomy*. New York: Springer.
- Ragep, Sally P. “al-Jaghmīnī.” In *Encyclopaedia of Islam THREE*, edited by Kate Fleet et al.
- Rahman, F., and David Pingree, ““ALĪ QŪṢĪJĪ,” *Encyclopædia Iranica*, I/8: 876-877 ([available online 30 December 2012](#))
- “Rasdkhanah-i Ulugh Beg (Samarkand, Uzbekistan)” ARCHNET ([available online](#))
- Reeves, Eileen, and Albert Van Helden. 2007. “Verifying Galileo’s Discoveries: Telescope Making at the Collegio Romano.” In *Der Meister und die Fernrohre*, edited by Juergen Hamel and Inge Keil. Frankfurt am Main: H. Deutsch: 127-141.
- Robbins, Frank E. 1927. “A New Astrological Treatise: Michigan papyrus N<sup>o</sup> 1.” *Classical Philology: A Journal Devoted to Research in Classical Antiquity* 22: 1-45.
- Robbins, Frank E. in Winter, John Garrett. 1936. *Papyri in the University of Michigan Collection III: Miscellaneous Papyri University of Michigan Studies: Humanistic Series*. Ann Arbor: University of Michigan Press.
- Roberts, Victor. 1957. “The Solar and Lunar Theory of Ibn ash-Shāṭir. A pre-Copernican Copernican Model.” *Isis* 48: 428–32.
- Rosen, Edward. 2008. “Copernicus, Nicholas.” In *Complete Dictionary of Scientific Biography*, Vol. 3 (digital edition). Detroit, MI: Charles Scribner’s Sons: 401-411.
- Rosen, Edward. 2008. “Regiomontanus, Johannes.” In *Complete Dictionary of Scientific Biography*, Vol. 11 (digital edition). Detroit, MI: Charles Scribner’s Sons: 348-352.
- Rosen, Edward. 2008. “Rheticus, George Joachim.” In *Complete Dictionary of Scientific Biography*, Vol. 11 (digital edition). Detroit, MI: Charles Scribner’s Sons: 395-398.
- Rosen, Edward. 2008. “Schöner, Johannes.” In *Complete Dictionary of Scientific Biography*, Vol. 12 (digital edition). Detroit, MI: Charles Scribner’s Sons: 199-200.
- Saliba, George. 2004. “Reform of Ptolemaic Astronomy at the Court of Ulugh Beg.” In *Studies in the History of the Exact Sciences in Honour of David Pingree*, edited by Charles Burnett et al, Leiden: Brill: 810-824.
- Saliba, George. 2007. *Islamic Science and the Making of the European Renaissance*. Cambridge, MA: MIT Press.
- Saliba, George. “ṬUSI, NAṢIR-AL-DIN ii. AS MATHEMATICIAN AND ASTRONOMER.” In *Encyclopaedia Iranica Online*, © Trustees of Columbia University in the City of New York ([available online](#)).



- Sardar, Marika. “Astronomy and Astrology in the Medieval Islamic World.” In *Heilbrunn Timeline of Art History*. New York: The Metropolitan Museum of Art, 2000–[\(available online\)](#).
- Savage-Smith, Emilie. “Islamic celestial globe, Inv. No. GL-1,” Descriptive notes on the Historic Scientific Instruments Collection, Special Collections administrative files.
- Savage-Smith, Emilie. 1985. *Islamicate Celestial Globes: Their History, Construction, and Use*. Washington, DC: Smithsonian Institution Press ([available online](#))
- Sayılı, Aydın. 1960. *The Observatory in Islam and Its Place in the General Development of the Observatory*. Ankara: Türk Tarih Kurumu Basımevi.
- Schironi, Francesca. (forthcoming). *Hipparchus of Nicaea, Exegesis of the Phaenomena of Eudoxus and Aratus: Edition, Translation, and Commentary. Scientific Writings from the Ancient and Medieval World*. London: Routledge.
- Schottenloher, Karl. 1907. “Johann Schöner und seine Hausdruckerei.” *Zentralblatt für Bibliothekswesen* 24: 145–155.
- Soubiran, Jean. 2002 (pr. éd. 1972). *Cicéron, Aratea, Fragments poétiques. Collection des universités de France*. Paris: Les Belles Lettres.
- Soubiran, Jean. 2003 (pr. éd. 1981). *Aviénus, Les Phénomènes d’Aratos. Collection des Universités de France*. Paris: Les Belles Lettres.
- Steele, John M. 2008. *A Brief Introduction to Astronomy in the Middle East. Brief introductions series*. London: Saqi.
- Steele, John M. 2010. “Newly Identified Lunar and Planetary Tables from Babylon in the British Museum”, *SCIAMVS* 11: 211–239, text G.
- Steele, John M. 2014. “Late Babylonian ziqpu-star Lists: Written or Remembered Traditions of Knowledge?”, in *Traditions of Written Knowledge in Ancient Egypt and Mesopotamia: Proceedings of Two Workshops Held at Goethe-University, Frankfurt/Main in December 2011 and May 2012*, edited by D. Bawanypeck and A. Imhausen. *Alter Orient und Altes Testament*. Band 403. Münster: Ugarit-Verlag: 123–151.
- Steele, John M. 2017. *Rising Time Schemes in Babylonian Astronomy. Springer Briefs in the History of Science and Technology*. Dordrecht: Springer International Publishing.
- Stolz, Daniel. 2018. *The Lighthouse and the Observatory: Islam, Science and Empire in Late Ottoman Egypt*. Cambridge: Cambridge University Press.
- Swerdlow, N. M. 2017. “Copernicus’s Derivation of the Heliocentric Theory from Regiomontanus’s Eccentric Models of the Second Inequality of the Superior and Inferior Planets.” *Journal for the History of Astronomy* 48 (1): 33–61.
- Swerdlow, N. M., and Otto Neugebauer. 1984. *Mathematical Astronomy in Copernicus’s De revolutionibus*. New York: Springer-Verlag.
- Taub, Liba Chaia. 2010. “Translating the « Phaenomena » across genre, language and culture.” In *Writings of early scholars in the Ancient Near East, Egypt, Rome, and*

*Greece: translating ancient scientific texts*, edited by Annette Imhausen and Tanja Pommerening, In *Beiträge zur Altertumskunde*, Berlin - New York: De Gruyter: 119-137.

- Thorndike, Lynn. 1949. *The Sphere of Sacrobosco and Its Commentators*. Chicago: University of Chicago Press.
- Toomer, Gerald J. 1978. "Hipparchus." In *Dictionary of Scientific Biography*, edited by Charles Coulston Gillispie. New York: Charles Scribner's Sons: 207-224.
- Toomer, Gerald J. 1984. *Ptolemy's Almagest*. New York: Springer-Verlag.
- Tredwell, Katherine A. 2004. "Michael Maestlin and the Fate of the *Narratio Prima*." *Journal for the History of Astronomy* 35 (3): 305-325.
- Valleriani, Matteo, ed. 2020. *De sphaera of Johannes de Sacrobosco in the Early Modern Period: The Authors of the Commentaries*. Cham, Switzerland: Springer International Publishing.
- Van Helden, Albert, and Owen Gingerich. 2003. "From *Occhiale* to Printed Page: The Making of Galileo's *Sidereus Nuncius*." *Journal for the History of Astronomy* 34 (3): 251-267.
- Van Helden, Albert, and Owen Gingerich. 2011. "How Galileo Constructed the Moons of Jupiter." *Journal for the History of Astronomy* 42 (2): 259-264.
- Verbunt, F., and R. H. van Gent. 2012. "The Star Catalogues of Ptolemaios and Ulugh Beg: Machine-readable Versions and Comparison with the modern Hipparcos Catalogue." *Astronomy & Astrophysics*, 544: A31 ([available online](#))
- Voelkel, James R. 2001. *The Composition of Kepler's Astronomia Nova*. Princeton and Oxford: Princeton University Press.
- Volk, Katharina. 2009. *Manilius and His Intellectual Background*. Oxford - New York: Oxford University Press.
- Wilding, Nick. 2014. *Galileo's Idol: Gianfrancesco Sagredo and the Politics of Knowledge*. Chicago: University of Chicago Press.
- Willach, Rolf. 2008. *The Long Route to the Invention of the Telescope*. Philadelphia: American Philosophical Society.
- Wilson, Curtis. 1972. "How Did Kepler Discover His First Two Laws?" *Scientific American*, 226: 92-106.
- Zinner, Ernst. 1968. *Leben und Wirken des Joh. Müller von Königsberg genannt Regiomontanus*. (Militaria, 12). Osnabrück: O. Zeller.
- Zinner, Ernst. 1990. *Regiomontanus, his Life and Work*. Trans. Ezra Brown. Amsterdam; New York: North-Holland.