

PUBLICATIONS

Sonja Brentjes

Articles in peer-reviewed journals

2022. Co-authored with Hamid Bohloul, “Copies of ‘Abd al-Raḥmān al-Šūfī’s *Book on the Star Constellations* as Patronage Objects and Their Properties.” *Intellectual History of the Islamicate World* (2022), online, 1–29. DOI: 10.1163/2212943X-12340008.
2022. “Research Foci in the History of Science in Past Islamicate Societies,” *Histories*, 2.3: 270–287.
- 2021 “The Stars in the Sky and on the Globe: ‘Abd al-Raḥmān ibn ‘Umar al-Šūfī’s Visualization of the Heavens,” *Aestimatio* 2.2: 59–98.
- 2021 “MS Paris, Bibliothèque des Missions étrangères 1069: The French-Arabic Dictionary of François Pétis de la Croix (1653–1713)?” *Mediterranea*, 6, 57-84. doi:10.21071/mijtk.v6i.12861.
2019. “Mathematical Commentaries in Arabic and Persian - Purposes, Forms, and Styles,” *Historia Mathematica* 47: 54–66.
2019. “Pourquoi et comment étudier l’histoire de l’enseignement des mathématiques dans les sociétés islamiques entre 750 et 1500,” [Why and How to Study the History of Teaching the Mathematical Sciences in Islamicate Societies Between 750 and 1500] in *Médiévales* 77: 11–35.

2017. “Teaching the sciences in ninth-century Baghdad as a question in the history of the book: the case Abū Yūsuf Ya‘qūb b. Ishāq al-Kindī (d. after 256/870),” *Intellectual History of the Islamicate World*, 5.1–2: 1–27.
2016. “Wilbur R. Knorr on Thābit ibn Qurra: A Case-Study in the Historiography of Premodern Science,” *Interpretation, Sources and Studies in the History of Science* Series A1. 54 pp. Reprint: *Aestimatio* N.S. 1 (2020), 113–172.
2015. “Participant and observer narratives about medieval cross-cultural knowledge transfer: missing, single or multiple translations,” *Journal of Transcultural Medieval Studies* 2: 325–334.
- 2015 “Relationships Between Early Modern Christian and Islamicate Societies in Eurasia and North Africa as Reflected in the History of Science and Medicine,” *Confluence: Online Journal of World Philosophies* 3: 85–124.
- 2015 “Fourteenth-Century Portolan Charts. Challenges to our Understanding of Cross-Cultural Relationships in the Mediterranean and Black Sea Regions and of (Knowledge?) Practices of Chart-Makers,” *Journal of Transcultural Medieval Studies* 2.1:79–112.*
2015. Co-authored with Alexander Fidora and Matthias M. Tischler, “Towards a New Approach to Medieval Cross-Cultural Exchanges,” *Journal of Transcultural Medieval Studies* 1.1: 9–50.

2014. "Sanctioning Knowledge," *al-Qantara* XXXV: 277–309.
2013. "Narratives of knowledge in Islamic societies: what do they tell us about scholars and their contexts?" *Almagest* IV.1: 75–95.
2012. "The Language of 'Patronage' in Islamic Societies Before 1700," *CEMYR* 20: 11–22
2012. "On two manuscripts by Abū Bakr b. Bahrām al-Dimashqī (d. 1102/1691) related to W. and J. Blaeu's Atlas Maior," in G. Hagen and B. Tezcan (eds.), *Other Places: Ottomans traveling, seeing, writing, drawing the world, Osmanlı Araştırmaları/The Journal of Ottoman Studies* 40: 171–192.
2010. "The representation of Iran in Western maps from 1300 to 1840," *Archives Internationales d'Histoire des Sciences* 60: 457–475.
2009. "Immediacy, Mediation, and Media in Early Modern Catholic and Protestant Representations of Safavid Iran," *Journal of Early Modern History*, 13.2–3: 173–207.
2008. "Courtly Patronage of the Ancient Sciences in Post-Classical Islamic Societies," *Al-Qantara*, XXIX: 403–436.
2008. "Euclid's *Elements*, courtly patronage and princely education," *Iranian Studies*, 41: 441–463.
2008. Co-authored with Elio Brancaforte, "From rhubarb to rubies: European travels to Safavid Iran (1550-1700). The lands of the Sophi: Iran in early modern European maps (1550-1700)," *Iranian Studies* 41: 595–600.

2006. "An exciting new Arabic version of Euclid's Elements: MS Mumbai, Mullâ Fîrûz R.1.6," *Revue d'histoire des mathématiques* 12: 169–197.
2006. Co-authored with V. Schüller, "Pietro della Valle's Latin Geography of Safavid Iran (1624–1628)," *Journal of Early Modern History* 10.3: 169–219.
2002. "The Location of the Ancient or 'Rational' Sciences in Muslim Educational Landscapes (AH 500-1100)," *Bulletin of the Royal Institute for Inter-Faith Studies, Amman*, 4.1: 47–71.*
2001. "Observations on Hermann of Carinthia's version of the *Elements* and its relation to the Arabic transmission," *Science in Context* 14: 39–84.
2001. "On the relation between al-Nayrizi's Arabic commentary on the *Elements* and the Latin version of a commentary ascribed to Anaritius," *Centaurus* 43: 17–55.
1999. "The Interests of the Republic of Letters in the Middle East, 1550-1700," *Science in Context* 12: 435–468.
- 1997–1998. "Additions to Book I in the Arabic traditions of Euclid's Elements," *Journal for the History of Medicine and Science, New Series*, XV.1-2: 55–117.
1994. "Textzeugen und Hypothesen zum arabischen Euklid in der Überlieferung von al-Hajjaj b. Yusuf b. Matar (zwischen 786 und 833)," *Archive for History of Exact Sciences* 47: 53–92.

- 1993–1994. Co-authored with K.-H. Schlote, “Zum Frauenstudium an der Universität Leipzig 1870-1910,” *Jahrbuch für Regionalgeschichte und Landeskunde* 19: 57–75.
1993. “Algebraische Lehre im islamischen Mittelalter: das Beispiel von Ibn Fallus (st 1239),” *Mitt. Math. Ges. Hamburg* 13: 5–11.
1992. “Historiographie der Mathematik im islamischen Mittelalter,” *Archives Internationales d’Histoire des Sciences* 42: 27–63.
1990. “Zahlentheorie in einer persischen Enzyklopädie des 11./12. Jh.,” *Central Asiatic Journal* 34: 26–40.
1990. “Sur quelques travaux mathématiques d’Ibn Fallus,” *Archives Internationales d’Histoire des Sciences* 40: 239–57.
1989. Co-authored with J. P. Hogendijk, “Notes on Thabit ibn Qurra and his Rule for Amicable Numbers,” *Historia Mathematica* 16: 373–378.
- 1988–1989. “Das Kapitel ‘ilm al-arithmatiqi aus der persischen Wissenschaftsenzyklopädie von Fahr ad-Din ar-Razi. Edition, Übersetzung und Kommentar,” *Persica* XIII: 77–105.
1988. “The first seven perfect numbers and three types of amicable numbers in a manuscript on elementary number theory by Ibn Fallus,” *Erdem* 4: 467-483. Turkish translation, *ibid.*, 485–500.
- 1987–1988. “Das Kapitel zur Zahlentheorie in den *Problemen der Philosophie* von al-Hindi [The Chapter on Number Theory in *Problems of Philosophy* by al-Hindi],” *Zeitschrift für Geschichte*

der arabisch-islamischen Wissenschaften 4: 33–50

1987. “Untersuchungen zum Nicomachus Arabus [Studies on Nicomachus Arabus],” *Centaurus* 30: 212-239
1986. “The chapter ‘ilm al-aritmatiqi on Number Theory in the Persian Encyclopaedia *Hada’iq al-anwar fi haq’iq al-asrar* of Fakhr al-Din al-Razi,” *Journal of Central Asia* IX: 59–64.
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1982. Co-authored with M. Müller, “Eine neue Interpretation der ersten Aufgabe des altbabylonischen Textes AO 6770 [A New Interpretation of the First Problem of the Old-Babylonian Text AO 6770],” *NTM* 19: 21–26.
1980. “Spuren des Einflusses wissenschaftlicher Schriften aus der islamischen Welt auf den Lehrbetrieb an der Universität Leipzig im 15. und 16. Jahrhundert. Ein Beitrag zur Untersuchung der Aufnahme islamischer wissenschaftlicher Schriften in den Unterricht des christl.-lat. Europas [Traces of the Impact of Scientific Works from the Islamic World on the Teaching at the University Leipzig in the 15th and 16th Centuries. A

Contribution to the Study of the Inclusion of Islamic Scientific Works into the Education in the Christian-Latin Europe],” *NTM, Zeitschrift für Geschichte der Naturwissenschaften, Technik und Medizin* 17: 59–64.

1978. “Die Herausbildung der linearen Optimierung zu einer selbständigen mathematischen Spezialdisziplin [The Evolution of Linear Programming to an Independent Mathematical Subdiscipline],” *Rostocker Wissenschaftshistorische Manuskripte* 2: 7–14.

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Books

2023. *The Sciences in Islamicate Societies in Context: Patronage, Education, Narratives*. London: Routledge.

2023. *Historiography of History of Science in Islamicate Societies. Practices, Concepts, Questions*. London: Routledge.

- 2018 *Teaching and Learning the Sciences in Islamicate Societies, 800–1700*. Turnhout: Brepols.
2010. *Travellers from Europe in the Ottoman and Safavid Empires, 16th–17th centuries Seeking, Transforming, Discarding Knowledge*. Variorum Collected Studies Series: CS961. Farnham, Surrey: Ashgate.
1985. Co-authored with L. V. Kantorovič, H. Schilar, K. Schwartz, and W. Lassmann, *Optimierung und Ökonomie* [Optimization and Economy]. Berlin: Akademie Verlag, 1985. Russian translation 1990: Moscow: Nauka.
1980. Co-authored with B. Brentjes, *Ibn Sina / Avicenna*. Leipzig: Teubner Verlag. Russian Translation: Kiev, 1984; Turkish translation: Ankara, 1993; Second Turkish Translation: O. Özügül, Pencere Yayınları, Istanbul, 1997.
1980. Co-authored with S. Chalhoub. *Urjuza fi 't-tibb (Lehrgedicht zur Medizin) [Urjūza fī l-tibb (Didactic Poem on Medicine)]*, Neudruck nach der Handschrift MS. Orient. A 2032 der Forschungsbibliothek Gotha. Mit einem Geleitwort von Burchard Brentjes, einem französischen Vorwort von Mohammed Allal Sinaceur und einer Einführung von Sonja Brentjes und Sami Chalhoub. Zentralantiquariat der Deutschen Demokratischen Republik.

Guest edited journal issues

2020 Co-edited with Dagmar Schäfer, *Imagining the Heavens:*

Historiographical Challenges and Eurasian Perspectives.

Zeitschrift Naturwissenschaft, Technik und Medizin (NTM) 28.3,

Basel: Birkhäuser.

2020 Co-authored with Dagmar Schäfer, “Visualizations of the Heavens

before 1700 as a Concern of the History of Science, Medicine and

Technology,” *Zeitschrift Naturwissenschaft, Technik und Medizin*

(NTM) 28.3: 295–304.

2009. Guest-editor. “Travel to Iran.” Special issue; *Journal of Early*

Modern History 13.2–3, 99–228.

1999. Guest-Editor, “Crossing Boundaries: New Approaches to the

History of 'Pre-Modern Science and Technology,” *Science in*

Context 12.

1999. “Crossing Boundaries: New Approaches to the History of 'Pre-

Modern Science and Technology,” *Science in Context* 12: 381–

384.

Edited and co-edited books

2023 Co-edited with P. Barker (associate editor) and R. Brentjes

(assistant editor), *Routledge Handbook on the Sciences in*

- Islamicate Societies. Practices from the 2nd/8th to 13th/19th Centuries.* London: Routledge.
- 2022 Co-edited with Jens Høyrup and Bruce O'Brien, *Narratives on Translation across Eurasia and Africa. From Babylonia to Colonial India.* Turnhout: Brepols.
- 2021 Co-edited with Alexander Fidora, *Premodern Translation: Comparative Approaches to Cross-Cultural Transformations.* Turnhout: Brepols.
- 2016 Co-edited with Taner Edis and Lutz Richter-Bernburg, *1001 Distortions. How (Not) to Narrate the History of Science, Medicine and Technology in Non-Western Cultures.* Würzburg: Ergon.
2016. Co-edited with J. Renn. *Globalization of knowledge in the post-antique Mediterranean, 700-1500.* London: Routledge.
2012. Co-edited with E. Brancaforte. *From Rhubarb to Rubies: European Travels to Safavid Iran (1550-1700); The Lands of the Sophi: Iran in Early Modern European Maps (1550-1700).* Harvard Library Bulletin, 23.1-2.
1989. Co-edited with I. Kästner and I. Strube. *Bekanntnisse bedeutender Naturwissenschaftler und Ärzte zum Frieden* [Commitment to Peace by Eminent Scientists and Physicians]. Berlin: Akademie Verlag.

Book chapters, articles, and round table essays

2023. “Colophons in Arabic and Persian Treatises on the Mathematical Sciences and Related Subject Matters,” in *Literary Snippets, Colophons Across Space and Time*, edited by George A. Kiraz and Sabine Schmidtke, Gorgias Handbooks 64, Piscataway, NY: Gorgias Press, 285–324.
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2023. “Strengthening regional and local histories,” in Fancy, N., Stearns, J. (eds.), “Current Debates and Emerging Trends in the History of Science in Premodern Islamicate Societies,” *History of Science*, 61(2), 123–178.: 134–140.
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- 2023 “Introduction,” in S. Brentjes, P. Barker, & R. Brentjes (eds.), *Routledge Handbook on the Sciences in Islamicate Societies: Practices from the 2nd/8th to the 13th/19th Centuries*, 1–11. London: Routledge. doi:10.4324/9781315170718-1.
- 2023 “Translation as an Enduring and Widespread Cultural Practice,” in S. Brentjes, P. Barker, & R. Brentjes (eds.), *Routledge Handbook on the Sciences in Islamicate Societies. Practices from the 2nd/8th to the 13th/19th Centuries*, 15–24. London: Routledge.
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- 2023 “The Astral Sciences through the 7th/13th Century,” in S. Brentjes, P. Barker, & R. Brentjes (eds.), *Routledge Handbook on the*

Sciences in Islamicate Societies: Practices from the 2nd/8th to the 13th/19th Centuries, 80–95. London: Routledge.

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2023 “Textual Genres and Visual Representations in the Astral

Sciences,” in S. Brentjes, P. Barker, & R. Brentjes

(eds.), *Routledge Handbook on the Sciences in Islamicate*

Societies. Practices from the 2nd/8th to the 13th/19th Centuries,

447–460. London: Routledge. doi:10.4324/9781315170718-40.

2023 Co-authored with A M. Gamini, “Practices of Celestial Observation

in the Islamicate World,” in S. Brentjes, P. Barker, & R. Brentjes

(eds.), *Routledge Handbook on the Sciences in Islamicate*

Societies: Practices from the 2nd/8th to the 13th/19th Centuries,

298–312. London: Routledge. doi:10.4324/9781315170718-27.

2023 Co-authored with A. Bouzari, “Madrasas and the Sciences,” in S.

Brentjes, P. Barker, & R. Brentjes (eds.), *Routledge Handbook on*

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the 13th/19th Centuries, 378–393. London: Routledge.

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2023 Co-authored with N. Fancy and K. Tekin, “Systems of Knowledge:

Debating Organization and Changing Relationships,” in S.

Brentjes, P. Barker, & R. Brentjes (eds.), *Routledge Handbook on*

the Sciences in Islamicate Societies: Practices from the 2nd/8th to

the 13th/19th Centuries, 761–772. London: Routledge.

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2023 “Arabic and Arabo-Latin Translations of Euclid’s Elements,” in G.

W. Most, D. Schäfer, & M. Söderblom Saarela

(eds.), *Plurilingualism in Traditional Eurasian Scholarship:*

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2023 “Stories of Origin: Ibn al-Nadīm, Kitāb al-Fihrist,” In G. W. Most,

D. Schäfer, & M. Söderblom Saarela (Eds.), *Plurilingualism in*

Traditional Eurasian Scholarship: Thinking in Many Tongues,

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2022 Brentjes, S., Høytrup, J., & O’Brien, B. (2022). Introduction. In S.

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2022 “Islamic Cosmological Diagrams,” in J. F. Hamburger, D. J.

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2021. “The Mathematical Sciences and Medicine in Safavid Iran,” in R. Matthee ed., *The Safavid World*, 428–446. London: Routledge.
2021. Co-authored with Ž. Vesel, “Science in Persian,” in B. Utas ed., *Persian Prose: A History of Persian Literature*. Vol. V: 217–273. London: I. B.Tauris.
2020. “Teaching Mathematical and Astronomical Knowledge in Classical and Post-Classical Islamicate Societies,” in S. Günther (ed.), *Knowledge and Education in Classical Islam: Religious Learning between Continuity and Change*. 2 vols.. Vol. 2: 610–634. Leiden: Brill.
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- 2017 “Practitioners of the Mathematical and Medical Sciences and their Relationship to the Jazira from the Ninth to the Fourteenth Centuries,” in L. Korn and M. Müller-Wiener (eds.), *Central Periphery? Art, Culture and History of the Medieval Jazira (Northern Mesopotamia, 8th–15th centuries)*, 97–110. Wiesbaden: Dr. L. Reichert Verlag.
- 2017 “On Four Sciences and Their Audiences in Ayyubid and Mamluk Societies,” in S. von Hees (ed.), *Inhabit – The Decline Paradigm: Its Influence and Persistence in Writing Arab Cultural History*, 139–172. Würzburg: Ergon.
2016. “Introduction: On narratives of amateurs and professionals, in S. Brentjes, T. Edis and L. Richter-Bernburg (eds.), *1001*

- distortions: how (not) to narrate history of science, medicine, and technology in non-western cultures*, 9–15. Würzburg: Ergon.
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2016. Co-authored with J. Renn, “Contexts and content of Thābit ibn

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2016. “Practicing History of Mathematics in Islamicate Societies in 19th-Century Germany and France,” in V. R. Remmert, M. R. Schneider, H. K. Sorensen (eds.), *Historiography of Mathematics in the 19th and 20th Centuries*, 25–52. Springer.
2016. “Sains Islam dan kerjasama lintas agama,” in Z.H. Fahmy, O. Bakar, A. Setia, B. Handrianto, & S. Arif (eds.), *Islamic science: paradigm, fakta dan agenda*, 138–155. Jakarta: Institute for the Study of Islamic Thought and Civilizations.
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- 2016 “Issues of Best Historiographical Practice: Garcia da Orta’s Colóquios dos simples e drogas e cousas medicinais da India (Goa, 1563) and Their Conflicting Interpretation,” in Helge

- Wendt (ed.), *The Globalization of Knowledge in the Iberian Colonial World*, 95–137. Berlin: MPIWG, Open Access.
2015. Co-authored with J. Renn, “A re-evaluation of the *Liber de canonio*,” in P. Caye, R. Nanni, P. D. Napolitani (eds.), *Scienze e rappresentazioni: saggi in onore di Pierre Souffrin; Atti del convegno internazionale* (Vinci, Biblioteca Leonardiana, 26-29 settembre 2012), 119–150. Florence: Olschki.
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- 2010 “Ayyubid Princes and Their Scholarly Clients from the Ancient Sciences,” in A. Fuess and J.-P. Hartung (eds.), *Court Cultures in the Muslim World: Seventh to Nineteenth Centuries*, 326–356. London and New York: Routledge.
- 2010 “The Mathematical Sciences in the Safavid Empire: Questions and Perspectives,” in D. Hermann and F. Speziale (eds.), *Muslim Cultures in the Indo-Iranian World During the Early-Modern and Modern Periods*, 325–402. Tehran: IFRI and Berlin: Peter Lang.

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