

CURRICULUM VITAE

Dagmar Schäfer

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Academic Positions

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| 07/2019–05/2022; 03/2023– | Executive Director, Max Planck Institute for the History of Science, Berlin |
| 12/2019 | Honorary Visiting Professor, Peking University |
| 2018–2021 | Guest Professor, Tianjin University |
| 11/2016– | Honorary Professor, Institute of Sinology, Freie Universität Berlin |
| 07/2016–07/2017 | Guest Professor, School of History and Culture of Science, Shanghai Jiao Tong University |
| 07/2015– | Honorary Professor, History of Science and Technology, Technische Universität Berlin |
| 04/2013– | Director, Department III, Max Planck Institute for the History of Science, Berlin |
| 01/2012–07/2013 | Head of Department of East Asian Studies, University of Manchester |
| 09/2011–07/2015 | Professor and Chair of Chinese Studies and History of Technology, School for Arts and Languages, University of Manchester |
| 08/2011–07/2013 | Director, Confucius Institute Manchester |
| 05/2006–08/2011 | Director, Independent Research Group “Concepts and Modalities: Practical Knowledge Transmission” (China, 10th–18th century), Max Planck Institute for the History of Science, Berlin |
| 04/2005–08/2005 | Assistant Professor, Department of Chinese Studies, Julius-Maximilians-University of Würzburg |

Professional Positions and Cooperations

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| 2012–2013 | Principal Investigator, British Inter-University Centre for Chinese Studies |
| 2012–08/2013 | Research Director of the Division for Language-Based Area Studies, University of Manchester |
| founded 12/2007; renewed 2011–2016 | Principal Investigator in joint research project cooperation between the Max Planck Institute for the History of Science (MPIWG) and the Palace Museum (PM) in Beijing, China |
| 09/2007–08/2012 | Supervisor of Partner Group of the Chinese Academy of Science (CAS) and the Max Planck Society (MPG) at the Institute of the History of Natural Science (IHNS), Beijing, China |

Editorial Positions

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| 2023– | Series Editor (with Markus Asper, Philip van der Eijk, Mark Geller, Cale Johnson, Heinrich von Staden, and Liba Taub), <i>Science, Technology, and Medicine in Ancient Cultures</i> (De Gruyter) |
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| 2021– | Series Editor (with Chun Xu, Bethany J. Walker, and Aleksandar Shopov), <i>Agriculture and the Making of Science 1100–1700: Texts, Practices, and Knowledge Transmission in Asia</i> (Brill) |
| 2019– | Series Editor (with Liu Dong 刘东 and Angela N. H. Creager), <i>Kexue yu shehui yicong</i> 科学与社会译丛 (Zhejiang University Press) |
| 2018–2019 | Editor in Chief, <i>Transfers: Interdisciplinary Journal of Mobility Studies</i> |
| 2015– | Series Editor (with Kim-Yunk Sik, Benjamin Elman, and Jongtae Lim), <i>Science and Religion in East Asia</i> (Brill) |

Editorial Board Member Positions

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| 2021–2024 | Editorial Board, <i>Nuncius</i> |
| 2020– | International Advisory Board, <i>Physis: Journal of the Italian Society for the History of Science</i> |
| 2020– | Editorial Board, <i>IJHAC: a Journal of Digital Humanities</i> |
| 2020– | Editorial Board, <i>Journal of Chinese History</i> |
| 2019–2021 | Senior Advisory Board, <i>Journal for East Asian Science, Technology, Medicine</i> (EASTM) |
| 2017– | Steering Committee, <i>China Biographical Database</i> (CBDB) |
| 2017– | Editorial Board, <i>Ambix</i> |
| 2016–2021 | Editorial Board, <i>Osiris</i> |
| 2016– | Editorial Board, <i>Transversal: International Journal for the Historiography of Science</i> |
| 2014– | International Committee, <i>Artefacts</i> |
| 2013– | Series Editorial Board, <i>Edition Open Access</i> (EOA) |

Education

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| 2005 | Habilitation University of Würzburg, Chinese Studies (<i>opus eximium</i>) |
| 1996 | Ph.D. Chinese Studies, Japanese Studies, Political Science, Julius-Maximilians-University of Würzburg (<i>opus eximium</i>) |
| 1993 | M.A. Chinese Studies, Japanese Studies, Political Science Julius-Maximilians-University of Würzburg (<i>summa cum laude</i>) |

Awards and Fellowships

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|-----------------|--|
| 09/2022–10/2022 | Visiting Fellow, History Department, European University Institute (EUI), Fiesole, Italy |
| 2020 | Gottfried Wilhelm Leibniz Prize, German Research Foundation (DFG) |
| 01/2019–04/2019 | Member of the School of Historical Studies, Residential Scholarship, Institute for Advanced Study, Princeton, New Jersey |
| 2013 | Joseph Levenson Book Prize (pre-1900 category), Association for Asian Studies, <i>The Crafting of the 10,000 Things</i> |
| 2012 | Pfizer Award, History of Science Society (HSS), Best scholarly work and outstanding book, <i>The Crafting of the 10,000 Things</i> |
| 2006 | Award for Excellent and Outstanding International Research, Ruchti-Stiftung |
| 2005–2006 | Scholarship for Outstanding Scholars, Bavarian Ministry of Science |
| 09/2005–10/2005 | Individual Fellowship, Max Planck Institute for the History of Science, Germany |

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| 2003–2004 | HWP Scholarship, Bavarian state scholarship for outstanding academics |
| 2001–2004 | DFG Grant, Dept. of Sinology, University of Würzburg |
| 09/2002–11/2002 | Academia Sinica, Research Grant, Beijing, P.R. China |
| 03/2002–07/2002 | DFG Research Grant, National Tsing Hua University, Hsin-chu, Taiwan |
| 01/2002–02/2002 | Academia Sinica, Research Grant, Beijing, P.R. China |
| 1998–2001 | Post-Doctoral Fellowship, University of Würzburg, Germany |
| 1997 | Award for Excellent Research, Unterfränkische Gedenkstätte |
| 1994–1996 | PhD Scholarship, DFG |
| 1990–1991 | Academic Exchange Scholarship (DAAD), Zhejiang University, Dept. of Chinese History and Journalism, Hangzhou, P.R. China |
| 1990 | Exchange Scholarship University of Würzburg, Germany / Zhejiang University, PR China |

Project-Based Research Grants

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| 01/2021–12/2022 | Principal Investigator, with Noa Hegesh (MPIWG), <i>Transience: Politics and Practices of Time in the Chinese Period of Division (3rd–7th century)</i> , funded by the Einstein Center Chronoi, Berlin |
| 2018–12/2022 | Principal Investigator, <i>Translation Terroirs—East Asia between Autochthonous and European Cartographic Languages</i> , SPP 2130 Übersetzungskulturen der Frühen Neuzeit (1450–1800)/Translation cultures of early modern times (1450–1800), research team of three, funded by the DFG |
| 2018–2019 | Project Director, <i>Chinese Local Gazetteers: Producing Full Texts and Making Them Open-Access</i> , Cooperative research project of the MPIWG and Harvard-Yenching Library (HYL), funded by the Chiang Ching-kuo Foundation (CCK) Database Grant |

Publications

Books

The Crafting of the 10,000 Things: Knowledge and Technology in Seventeenth-Century China. Chicago: University of Chicago Press, 2011. Translated into Chinese as: *Gong kai wan wu: 17 shiji Zhongguo de zhishi yu jishu* 工开万物: 17 世纪中国的知识与技术. Nanjing: Jiangsu renmin chubanshe 江苏人民出版社, 2015.

Weaving an Economic Pattern in Ming Times (1368–1644): The Production of Silk Weaves in the State-Owned Silk Workshops. Co-authored with Dieter Kuhn. Heidelberg: edition forum, 2002.

Des Kaisers seidene Kleider: Staatliche Seidenmanufakturen in der Ming-Zeit (1368–1644). Heidelberg: edition forum, 1998.

Working Group Books, Edited Volumes, and Special Issues

The Cambridge History of Technology. Co-edited with Francesca Bray, Tiago Saraiva, Matteo Valleriani, and Shadreck Chirikure. 3 vols. Cambridge University Press, forthcoming.

Ownership of Knowledge: Beyond Intellectual Property. Co-edited with Annapurna Mamidipudi and Marius Buning. Cambridge, MA: MIT Press, 2023. [Open Access](#)

- Plurilingualism in Traditional Eurasian Scholarship: Thinking in Many Tongues*. Co-edited with Glenn W. Most and Mårten Söderblom Saarela. *Ancient Languages and Civilizations* 3. Leiden: Brill, 2023. [Open Access](#)
- “Making History: Technologies of Production and the Estate of Knowledge in East Asia.” Co-edited with Victor Seow. Special issue, *History and Technology* 38, no. 2/3 (February 2023). [Open Access](#)
- “Technology Is Global: The Useful & Reliable Knowledge Debate.” Co-edited with Simona Valeriani. Special issue, *Technology and Culture* 62, no. 2 (April 2021).
- Seri-Technics: Historical Silk Technologies*. Co-edited with Giorgio Riello and Luca Molà. Max Planck Research Library for the History and Development of Knowledge Studies 13. Berlin: Max Planck Institute for the History of Science, 2020. [Open Access](#)
- The History of Science in a World of Readers*. Co-edited with Angela N. H. Creager. Max Planck Research Library for the History and Development of Knowledge Studies 11. Berlin: Max Planck Institute for the History of Science, 2019. [Open Access](#)
- Kexueshi xin lun: fanshi gengxin yu shijiao zhuanhuan* 科学史新论: 范式更新与视角转换 (History of Science Reader). Co-edited with Angela N. H. Creager [Ke Anzhe] 柯安哲. Translated by Wu Xiujie 吴秀杰. Series: *Kexue yu shehui yi cong* 科学与社会译丛, edited by Liu Dong 刘东, Dagmar Schäfer, and Angela N. H. Creager. Hangzhou: Zhejiang daxue chubanshe, 2019.
- Accounting for Uncertainty: Prediction and Planning in Asian History*. Co-edited with Michael Lackner and Zhao Lu. MPIWG Preprint no. 496. Berlin: Max Planck Institute for the History of Science, 2019. [Open Access](#)
- Animals through Chinese History: Earliest Times to 1911*. Co-edited with Roel Sterckx and Martina Siebert. Cambridge: Cambridge University Press, 2018. [Open Access](#)
- Threads of Global Desire: Silk in the Pre-Modern World*. Co-edited with Giorgio Riello and Luca Molà. *Pasold Studies in Textile, Dress and Fashion History* 1. Suffolk: Boydell & Brewer, 2018.
- Rice: Global Networks and New Histories*. Co-edited with Francesca Bray, Peter Coclanis, and Edda Fields-Black. Cambridge: Cambridge University Press, 2015.
- “Knowledge Spheres: Borderlines and Intersections of Expertise and Knowing in China, Song to Qing.” Co-edited with Sun Xiaochun. Special issue, *EASTM* 38/39 (2013/2014). [Open Access](#)
- “Technik und Globalgeschichte.” Co-edited with Marcus Popplow. Special issue, *TG Technikgeschichte* 80, no. 1 (2013).
- Cultures of Knowledge: Technology in Chinese History*. Leiden: Brill, 2012.

Articles and Chapters in Books

- Introduction to Part 2: Etymology, co-authored with Glenn W. Most and Michele Loporcaro. In *Plurilingualism in Traditional Eurasian Scholarship: Thinking in Many Tongues*, edited by Dagmar Schäfer, Glenn W. Most and, Mårten Söderblom Saarela, 93–106. *Ancient Languages and Civilizations* 3. Leiden: Brill, 2023.
- Introduction to Part 4: Translation, co-authored with Markham J. Geller. In *Plurilingualism in Traditional Eurasian Scholarship: Thinking in Many Tongues*, edited by Dagmar Schäfer, Glenn W. Most, and Mårten Söderblom Saarela, 287–99. *Ancient Languages and Civilizations* 3. Leiden: Brill, 2023.
- Introduction to Part 5: Writing Systems, co-authored with Markham J. Geller and Glenn W. Most. In *Plurilingualism in Traditional Eurasian Scholarship: Thinking in Many Tongues*, edited by Dagmar Schäfer, Glenn W. Most, and Mårten Söderblom Saarela, 391–405. *Ancient Languages and Civilizations* 3. Leiden: Brill, 2023.
- Introduction to *Plurilingualism in Traditional Eurasian Scholarship: Thinking in Many Tongues*, co-authored with Glenn W. Most and Michele Loporcaro, edited by Dagmar Schäfer, Glenn W. Most, and Mårten Söderblom Saarela, 1–16. *Ancient Languages and Civilizations* 3. Leiden: Brill, 2023.
- “Language Diversity as a Result of Social Interaction: Xunzi’s View on Plurilingualism in 3rd-Century BCE China.” In *Plurilingualism in Traditional Eurasian Scholarship: Thinking in Many Tongues*, edited by

- Dagmar Schäfer, Glenn W. Most, and Mårten Söderblom Saarela, 52–66. *Ancient Languages and Civilizations* 3. Leiden: Brill, 2023.
- “Zheng Xuan and Commentarial Etymology (2nd Century CE).” In *Plurilingualism in Traditional Eurasian Scholarship: Thinking in Many Tongues*, edited by Dagmar Schäfer, Glenn W. Most, and Mårten Söderblom Saarela, 168–81. *Ancient Languages and Civilizations* 3. Leiden: Brill, 2023.
- “Making History: Technologies of Production and the Estate of Knowledge in East Asia,” co-authored with Victor Seow. In “Making History: Technologies of Production and the Estate of Knowledge in East Asia,” edited by Dagmar Schäfer and Victor Seow. Special issue, *History and Technology* 38, no. 2/3 (February 2023): 107–25. [Open Access](#)
- “Technology Is Global: The Useful & Reliable Knowledge Debate,” co-authored with Simona Valeriani. In “Technology is Global: The Useful & Reliable Knowledge Debate,” edited by Dagmar Schäfer and Simona Valeriani. Special issue, *Technology and Culture* 62, no. 2 (2021): 327–47.
- “Useful Work: State Demands and Craftsmen’s Social Mobility in Fifteenth-Century China.” In “Technology Is Global: The Useful & Reliable Knowledge Debate,” edited by Dagmar Schäfer and Simona Valeriani. Special issue, *Technology and Culture* 62, no. 2 (2021): 373–400.
- “What Is Local Knowledge? Digital Humanities and Yuan Dynasty Disasters in Imperial China’s Local Gazetteers,” co-authored with Shih-Pei Chen and Qun Che. *Journal of Chinese History* 中國歷史學刊 4, no. 2 (2020): 391–429. [Open Access](#)
- “Visualizations of the Heavens before 1700 as a Concern of the History of Science, Medicine and Technology,” co-authored with Sonja Brentjes. *NTM: Zeitschrift für Geschichte der Wissenschaften, Technik und Medizin* (July 2020). [Open Access](#)
- “Deep Time History: The Lure of the Black Box.” In *Boxes: A Field Guide*, edited by Susanne Bauer, Martina Schlünder, and Maria Rentetzi, 307–26. Manchester: Mattering Press, 2020. [Open Access](#)
- “History of Science in a World of Readers: Frames of References for Global Exchange.” In *The History of Science in a World of Readers*, edited by Dagmar Schäfer and Angela N. H. Creager, 5–18. Max Planck Research Library for the History and Development of Knowledge Studies 11. Berlin: Max Planck Institute for the History of Science, 2019. [Open Access](#)
- “Daolun kexueshi de xin duihua: lilun he shijiao” 导论科学史的新对话：理论和视角, co-authored with Angela N. H. Creager 柯安哲. In *Kexueshi xin lun: fanshi gengxin yu shijiao zhuanhuan* 科学史新论：范式更新与视角转换 (History of Science Reader), edited by Dagmar Schäfer 薛凤 and Angela N. H. Creager 柯安哲, 1–23. Series: *Kexue yu shehui yi cong* 科学与社会译丛, edited by Liu Dong 刘东, Dagmar Schäfer, and Angela N. H. Creager. Hangzhou: Zhejiang daxue chubanshe, 2019.
- “Things (Wu) and Their Transformations (Zaowu) in the Late Ming Dynasty: Song Yingxing’s and Huang Cheng’s Approaches to Mobilizing Craft Knowledge.” In *Entangled Itineraries: Materials, Practices, and Knowledges across Eurasia*, edited by Pamela H. Smith, 63–78. Pittsburgh: University of Pittsburgh Press, 2019.
- “Introduction,” co-authored with Florence Hsia. *Technology and Culture* 60, no. 2 (2019): 554–61.
- “History of Science, Technology, and Medicine: A Second Look at Joseph Needham,” co-authored with Florence Hsia. *Isis* 110, no. 1 (2019): 94–99. [Open Access](#)
- “Knowing Animals in China’s History: An Introduction,” co-authored with Martina Siebert and Roel Sterckx. In *Animals through Chinese History: Earliest Times to 1911*, edited by Dagmar Schäfer, Martina Siebert, and Roel Sterckx, 1–19. Cambridge: Cambridge University Press, 2018. [Open Access](#)
- “Great Plans: Song Dynastic (960–1279) Institutions for Human and Veterinary Healthcare,” co-authored with Han Yi. In *Animals through Chinese History: Earliest Times to 1911*, edited by Dagmar Schäfer, Martina Siebert, and Roel Sterckx, 160–80. Cambridge: Cambridge University Press, 2018. [Open Access](#)

- "Unpacking the Chinese Library." In *Bibliotechnica: Humanist Practice in Digital Times*, edited by John Tresch, 117–43. Fondazione Giorgio Cini onlus, 2018. [Open Access](#)
- "Kranzberg's Fifth Law." *Technology's Stories* 6, no. 4 (2018). doi: 10.15763/jou.ts.2018.12.20.02. [Open Access](#).
- "Drunken Talk: Political Discourse and Alcohol Consumption During the Northern Song Dynasty (960–1127 CE)." In *Reading the Signs: Philology, History, Prognostication; Festschrift for Michael Lackner*, edited by Iwo Amelung and Joachim Kurtz, 303–16. Acta Historica Leopoldina 69. München: Iudicum, 2018.
- "10000 Dinge – Modelle und Technologie im China der Ming (1369–1645)- und Qing (1645–1912)-Periode." In *Wissensaustausch und Modernisierungsprozesse zwischen Europa, Japan und China*, edited by Cord Eberspächer, Alfons Labisch, and Xuetao Li, 113–26. Halle: Leopoldina, 2018.
- "Translation History, Knowledge and Nation Building in China." In *The Routledge Handbook of Translation and Culture*, edited by Sue-Ann Harding and Ovidi Carbonell Cortés, 134–53. London: Routledge, 2018.
- "The Historical Roots of Modern Bridges: China's Engineers as Global Actors." In *Technology and Globalisation: Networks of Experts in World History*, edited by Lino Camprubi and David Pretel, 27–39. London: Palgrave Macmillan, 2018.
- "Introduction: Silk in the Pre-Modern World," co-authored with Giorgio Riello and Luca Molà. In *Threads of Global Desire: Silk in the Pre-Modern World*, edited by Dagmar Schäfer, Giorgio Riello, and Luca Molà, 1–18. Suffolk: Boydell & Brewer, 2018.
- "Power and Silk: The Central State and Localities in State-owned Manufacture During the Ming Reign (1368–1644)." In *Threads of Global Desire: Silk in the Pre-Modern World*, edited by Dagmar Schäfer, Giorgio Riello, and Luca Molà, 21–48. Suffolk: Boydell & Brewer, 2018.
- "China und Japan." In *Handbuch Wissenschaftsgeschichte*, edited by Marianne Sommer, Staffan Müller-Wille, and Carsten Reinhardt, 166–77. Stuttgart: Metzler, 2017.
- "Interpreting the Collection and Display of Contemporary Science in Chinese Museums as a Reflection of Science in Society," co-authored with Jia-Ou Song. In *Challenging Collections: Approaches to the Heritage of recent Science and Technology*, edited by Alison Boyle and Johannes-Geert Hagmann, 88–102. Washington, D.C.: Smithsonian Institution Scholarly Press, 2017.
- "Thinking in Many Tongues: Language(s) & Late Imperial China's Science." *Isis* 108, no. 3 (2017): 621–28. [Open Access](#)
- "Science in the Pre-Modern East." In *The Oxford Illustrated History of Science*, edited by Iwan Rhys Morus, 108–42. Oxford: Oxford University Press, 2017. (Reprinted as "Science in the Pre-Modern East." In *The Oxford History of Science*, edited by Iwan Rhys Morus, 113–47. Oxford: Oxford University Press, 2023.)
- "Knowledge by Design: Architecture and Jade Models During the Qianlong 乾隆 Reign (1735–1796)." In *The Structures of Practical Knowledge*, edited by Matteo Valleriani, 271–86. Cham: Springer, 2017. [Open Access](#)
- Introduction to "Recovery of Traditional Technologies: A Comparative Study of Past and Present Fermentation and Associated Distillation Technologies in Eurasia and Their Roots." Special issue, *Crossroads: Studies on the History of Exchange Relations in the East Asian World* 14 (October 2016): 133–42.
- "Compiling a Database on Historical China from Local Records: the Local Gazetteers Project at MPIWG," co-authored with S.-P. Chen, Z. Hong, M. Siebert, and J. Urzúa. In *Digital Humanities 2016: Conference Abstracts* (held in Krakow July 11–16, 2016), edited by Maciej Eder and Jan Rybicki, 453–55. Krakow: Jagiellonian University and Pedagogical University, 2016.
- "Books for Sustenance and Life: Bibliophile Practices and Skills in the Late Ming and Qi Chenghan's Library Dansheng Tang," co-authored with Cathleen Paethe. In *Transforming Book Culture in China, 1600–2016*, edited by Daria Berg and Giorgia Strafella, 19–47. Kodex: Jahrbuch Der Internationalen Buchwissenschaftlichen Gesellschaft 6. Wiesbaden: Harrasowitz, 2016.

- “Techniques et territoires en Asie orientale,” co-authored with Aleksandra Kobiljski. In *Histoire des techniques: mondes, sociétés, cultures (XVI^e–XVIII^e siècle)*, edited by Guillaume Carnino, Liliane Hilaire-Perez, and Aleksandra Kobiljski, translated by Cécile Dutheil de La Rochère, 23–52. Paris: PUF (Nouvelle clio), 2016.
- “Culture et technique,” co-authored with Marie Thébaud-Sorger. In *Histoire des techniques: mondes, sociétés, cultures (XVI^e–XVIII^e siècle)*, edited by Guillaume Carnino, Liliane Hilaire-Perez, and Aleksandra Kobiljski, 369–95. Paris: PUF (Nouvelle clio), 2016.
- “Technology and Innovation within Expanding Webs of Exchange,” co-authored with Marcus Popplow. In *Expanding Webs of Exchange and Conflict 500CE–1500CE*, vol. 5 of *The Cambridge World History*, edited by B. Kedar and M. Wiesner-Hanks, 309–38. Cambridge: Cambridge University Press, 2015.
- “Patterns of Design in Qing-China and Britain During the Seventeenth and Eighteenth Centuries.” In *Goods from the East, 1600–1800: Trading Eurasia*, edited by Maxine Berg, 107–18. Houndmills, Basingstoke: Palgrave Macmillan, 2015.
- “Knowledge Spheres: Borderlines and Intersections of Expertise and Knowing in China, Song to Qing,” co-authored with Xiaochun Sun. *EASTM* 38 (2013): 9–16.
- “Media and Migration: Qing Imperial Approaches to Technological Knowledge Circulation.” In *Space and Location in the Circulation of Knowledge (1400–1800): Korea and Beyond*, edited by Marion Eggert, Felix Siegmund, and Dennis Würthner, 87–118. Frankfurt a. M.: Peter Lang, 2014.
- “Peripheral Matters: Selvage/Chef-de-piece Inscriptions on Chinese Silk Textiles.” *UC Davis Law Review* 47, no. 2 (2013): 705–33.
- “Einleitung: Technik und Globalgeschichte. Globalisierung, Kulturvergleich und Transnationaler Techniktransfer als Herausforderung für die Technikgeschichte,” co-authored with Marcus Popplow. *Technikgeschichte* 80, no. 1 (2013): 3–12.
- “Formen und Funktionen von Verschriftlichung im klassischen China: Objekte und funktionale Inschriften während der Ming Dynastie (1368–1645).” In *Natur – Religion – Medien: Transformationen frühneuzeitlichen Wissens*, edited by Thorsten Burkard, Markus Hundt, Steffen Martus, and Steffen Ohlendorf, 355–70. Berlin: Akademie-Verlag, 2013.
- “Technology and Innovation in Global History and in the History of the Global.” In *Writing the History of the Global: Challenges for the Twenty-First Century*, edited by Maxine Berg, 147–64. British Academy of Science, Oxford: Oxford University Press, 2013.
- “Silken Strands: Making Technology Work in China.” In *Cultures of Knowledge: Technology in Chinese History*, edited by Dagmar Schäfer, 45–73. Leiden: Brill, 2012.
- “Inscribing the Artifact and Inspiring Trust: The Changing Role of Markings in the Ming Era.” *East Asian Science, Technology and Society: An International Journal* 5, no. 2 (2011): 239–65.
- “Technologie und Innovation im vormodernen China: Ein historischer Überblick.” *Ferrum* 82, no. 1 (2010): 15–24.
- “Staunen und Forschen in wunderlichen Welten.” In *Wunderforschung: Ein Experiment von Kindern, Wissenschaftlern und Künstlern*, edited by Katja Bödeker and Carmen Hammer, 118–21. Berlin: Nicolai-Verlag, 2010.
- “Ganying – Resonance in Seventeenth-Century China: The Examples of Wang Fuzhi (1609–1696) and Song Yingxing (1589–ca. 1666).” In *Variantology 3: On Deep Time Relations of Arts, Sciences and Technologies in China and Elsewhere*, edited by Siegfried Zielinski and Eckhard Furlus, 225–54. Köln: König, 2008.
- “Matteo Ricci, der gelehrte Missionar.” *Spektrum der Wissenschaft* 14, no. 9 (September 2006): 88–97.
- “Der Außenstehende: Song Yingxing (1587–1666?).” In *Kritik im alten und modernen China*, edited by Heiner Roetz, 165–78. Wiesbaden: Harrasowitz, 2006.
- “The Congruence of Knowledge and Action: The Tiangong kaiwu and Its Author Song Yingxing.” In *Chinese Handicraft Regulations of the Qing Dynasty: Theory and Application*, edited by Christine Moll-Murata, Song Jianze, and Hans Ulrich Vogel, 35–60. München: ludicum, 2005.

“Song Yingxing (1587–1666?): A Technical Author?” *Tsing-hua ta-hsüeh lun-wen fa-piao* 4 (2002): 1–31.

“Die Legitimation der Beamten in der Song-Dynastie.” In *Beamtentum und Wirtschaftspolitik in der Song-Dynastie*, edited by Dieter Kuhn, 78–172. Heidelberg: Edition Forum, 1995.