

## Publications for Ofer Gal

### 2019

Gal, O. (2019). Paradoxes: Baroque Science. In Lyons, John D (Eds.), *The Oxford Handbook of Baroque*. United Kingdom: Oxford University Press. <a href="http://dx.doi.org/10.1093/oxfordhb/9780190678449.013.10">[More Information]</a>

### 2017

Gal, O. (2017). Imaginary Voyages: The New Science and Its Search for a Vantage Point (or: How the Imagination Was Used to Domesticate the Exotic). In Howard Marchitello, Evelyn Tribble (Eds.), *The Palgrave Handbook of Early Modern Literature and Science*, (pp. 49-71). London: Palgrave Macmillan.

### 2014

Gal, O., Zheng, Y. (2014). Global Motion and the Production of Knowledge. *Studies in History and Philosophy of Science*, 30, 1-12. <a href="http://dx.doi.org/10.1007/978-94-007-7383-7">[More Information]</a>

Gal, O. (2014). Two Bohemian Journeys: Real, Imaginary and Idealized Voyages at the Turn of the Seventeenth Century. *Studies in History and Philosophy of Science*, 30, 15-30. <a href="http://dx.doi.org/10.1007/978-94-007-7383-7\_2">[More Information]</a>

### 2013

Gal, O., Chen-Morris, R. (2013). Baroque Modes and the Production of Knowledge. In Ofer Gal, Raz Chen-Morris (Eds.), *Science in the Age of Baroque*, (pp. 1-9). Dordrecht: Springer Science+Business Media. <a href="http://dx.doi.org/10.1007/978-94-007-4807-1\_1">[More Information]</a>

Gal, O., Chen-Morris, R. (2013). *Baroque Science*. Chicago and London: The University of Chicago Press. <a href="http://dx.doi.org/10.7208/chicago/9780226923994.001.0001">[More Information]</a>

Gal, O. (2013). From Divine Order to Human Approximation: Mathematics in Baroque Science. In Ofer Gal, Raz Chen-Morris (Eds.), *Science in the Age of Baroque*, (pp. 77-96). Dordrecht: Springer Science+Business Media. <a href="http://dx.doi.org/10.1007/978-94-007-4807-1\_4">[More Information]</a>

Gal, O., Chen-Morris, R. (2013). *Science in the Age of Baroque*. Dordrecht: Springer Science+Business Media. <a href="http://dx.doi.org/10.1007/978-94-007-4807-1">[More Information]</a>

### 2012

Gal, O., Chen-Morris, R. (2012). Nature's drawing: problems and resolutions in the mathematization of motion. *Synthese*, 185(3), 429-466. <a href="http://dx.doi.org/10.1007/s11229-011-9978-5">[More Information]</a>

### 2011

Gal, O., Chen-Morris, R. (2011). Galileo, the Jesuits, and the controversy over the comets: What was The Assayer really about? In Marcelo Dascal and Victor D. Boantz (Eds.), *Controversies Within the Scientific Revolution*, (pp. 33-52).

Amsterdam: John Benjamins Publishing Company. <a href="http://dx.doi.org/10.1075/cvs.11.04gal">[More Information]</a>

Gal, O., Zheng, Y. (2011). New terms of accommodation: Benjamin Elman's on their own terms and early modern global networks of knowledge. *Intellectual History Review*, 21(2), 231-239. <a href="http://dx.doi.org/10.1080/17496977.2011.574349">[More Information]</a>

Boantz, V., Gal, O. (2011). The 'absolute existence' of phlogiston: the losing party's point of view. *British Journal For The History Of Science*, 44(3), 317-342. <a href="http://dx.doi.org/10.1017/S000708741000155X">[More Information]</a>

### 2010

Gal, O., Chen-Morris, R. (2010). Baroque Optics and the Disappearance of the Observer: From Kepler's Optics to Descartes' Doubt. *Journal of the History of Ideas*, 71(2), 191-217. <a href="http://dx.doi.org/10.1353/jhi.0.0076">[More Information]</a>

Wolfe, C., Gal, O. (2010). Embodied Empiricism. In Charles T. Wolfe and Ofer Gal (Eds.), *The Body as Object and Instrument of Knowledge: Embodied Empiricism in Early Modern Science*, (pp. 1-5). Dordrecht: Springer Science+Business Media. <a href="http://dx.doi.org/10.1007/978-90-481-3686-5\_1">[More Information]</a>

Gal, O., Chen-Morris, R. (2010). Empiricism Without the Senses: How the Instrument Replaced the Eye. In Charles T. Wolfe and Ofer Gal (Eds.), *The Body as Object and Instrument of Knowledge: Embodied Empiricism in Early Modern Science*, (pp. 121-147). Dordrecht: Springer Science+Business Media. <a href="http://dx.doi.org/10.1007/978-90-481-3686-5\_7">[More Information]</a>

Wolfe, C., Gal, O. (2010). *The Body as Object and Instrument of Knowledge: Embodied Empiricism in Early Modern Science*. Dordrecht: Springer Science+Business Media. <a href="http://dx.doi.org/10.1007/978-90-481-3686-5">[More Information]</a>

### 2007

Gal, O. (2007). Controversies over controversies: An ontological perspective on the place of controversy in current historiography. In Marcelo Dascal and Han-liang Chang (Eds.), *Traditions of Controversy*, (pp. 267-279). Amsterdam/Philadelphia: John Benjamins Publishing Company. <a href="http://dx.doi.org/10.1075/cvs.4">[More Information]</a>

### 2006

Gal, O. (2006). Hooke's Programme: Final Thoughts. In Michael Cooper & Michael Hunter (Eds.), *Robert Hooke: Tercentennial Studies*, (pp. 33-48). Aldershot, England: Ashgate.

Gal, O., Chen-Morris, R. (2006). The Archaeology of the Inverse Square Law: (2) The use and non-use of mathematics. *History of Science*, 44(143), 49-67. <a href="http://dx.doi.org/10.1007/s11229-011-9978-5">[More Information]</a>

<http://dx.doi.org/10.1177/007327530604400103>>[More Information]</a>

## 2005

Gal, O., Chen-Morris, R. (2005). The archaeology of the inverse square law: (1) metaphysical images and mathematical practices. *History of Science*, 43(4), 391-414. <a href="http://dx.doi.org/10.1177/007327530504300402">[More Information]</a>

Gal, O. (2005). The invention of celestial mechanics (part of "Open Forum: Newton vs Hooke on Gravitation"). *Early Science and Medicine*, 10(4), 529-534. <a href="http://dx.doi.org/10.1163/157338205774661834">[More Information]</a>

## 2004

Gal, O. (2004). Hooke, Newton, And The Trials Of Historical Examination. *Physics Today*, 57(8), 19-20. <a href="http://dx.doi.org/10.1063/1.1752410">[More Information]</a>

## 2002

Gal, O. (2002). Constructivism for Philosophers (Be it a Remark on Realism). *Perspectives on Science*, 10(4), 523-549.

Gal, O. (2002). *Meanest Foundations and Nobler Superstructures: Hooke, Newton and the "Compounding of the Celestiall Motions of the Planetts"*. United States: Kluwer Academic Publishers.

Gal, O. (2002). Nature's Grammar: Robert Hooke's Intellectual Persona. In Wessely, Anna (Eds.), *Intellectuals and the Politics of the Humanities*, (pp. 43-58). Budapest: Collegium Budapest Workshop.