

# HYLE - Bibliographic Section

## "Philosophy of Chemistry"

### - Recent Additions -

(11.04.02)

If your recent publication does not appear, why not send a copy to the [Editor](#) ?

---

Bauer, H. H.: 2002, "Pathological Science' is not Scientific Misconduct (nor is it pathological)", *HYLE - International Journal for Philosophy of Chemistry*, **8**, no. 1, 5-20.

Bensaude-Vincent, B.: 2001, 'Graphic Representations of the Periodic System of Chemical Elements', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 133-161.

Brock, W. H.: 2002, 'Biography: Sir Benjamin Collins Brodie (1817-1880)', *HYLE - International Journal for Philosophy of Chemistry*, **8**, no. 1, 49-54.

Chayut, M.: 2001, 'From the Periphery: The Genesis of Eugene P. Wigner's Application of Group Theory to Quantum Mechanics', *Foundations of Chemistry*, **3**, no. 1, 55-78.

Christie, M.: 2001, *The Ozone Layer: A Philosophy of Science Perspective*, Cambridge University Press, Cambridge.

Coppola, B. P.: 2001, 'The Technology Transfer Dilemma. Preserving morally responsible education in a utilitarian entrepreneurial academic culture', *HYLE - International Journal for Philosophy of Chemistry*, **7**, no. 2, 155-167.

Crosland, M.: 2001, 'Book Review: Communicating Chemistry. Textbooks and their Audiences, ed. by A. Lundren & B. Bensaude-Vincent, Canton, 2000', *HYLE - International Journal for Philosophy of Chemistry*, **7**, no. 2, 172-174.

Davis, M.: 2002, 'Do the Professional Ethics of Chemists and Engineers Differ?', *HYLE - International Journal for Philosophy of Chemistry*, **8**, no. 1, 21-34.

Del Re, G.: 1997, 'Chemistry and Complexity', in: Costa, G.; Calucci, G.; Giorgi, M. (eds.): *Proceedings of the Third International Symposium on Conceptual Tools for Understanding Nature, Trieste, 21-23 June 1995*, World Scientific, Singapore, pp. 153-164.

Del Re, G.: 2001, 'Book Review: Jean-Jacques Rousseau et la chimie, ed. by B. Bensaude-Vincent & B. Bernardi, Paris 1999', *HYLE - International Journal for Philosophy of Chemistry*, **7**, no. 2, 169-172.

Del Re, G.: 2001, 'Ethics and Science', *HYLE - International Journal for Philosophy of Chemistry*, **7**, no. 2, 85-102.

Duhem, P.: 2002, *Mixture and Chemical Combination. And Related Essays. Ed. and trans. by Paul Needham*, Kluwer, Dordrecht.

Eriksen, K. K.: 2002, 'The Future of Tertiary Chemical Education - A Bildung Focus?', *HYLE - International Journal for Philosophy of Chemistry*, **8**, no. 1, 35-48.

Francoeur, E.: 2001, 'Molecular Models and the Articulation of Structural Constraints in Chemistry', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 95-115.

Giunta, C. J.: 2001, 'Argon and the Periodic System: The Piece that Would not Fit', *Foundations of Chemistry*, **3**, no. 2, 105-128.

Grosholz, E.: 2001, 'Fedoroff's Translation of McClintock: The Uses of Chemistry in the Reorganization of Genetics', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 199-219.

Harré, R.: 2001, 'Book Review: Philosophy of Chemistry. Between the Manifest and the Scientific Image, by Jaap van Brakel, Leuven 2000', *HYLE - International Journal for Philosophy of Chemistry*, **7**, no. 2, 178-180.

Hendry, R. F.: 2001, 'Mathematics, Representation and Molecular Structure', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 221-236.

Hentschel, K.: 2002, 'Why Not One More Imponderable? John William Draper's Tithonic Rays', *Foundations of Chemistry*, **3**, no. 3, 5-59.

Hunger, J.: 2001, 'Book Review: Die Chemie und ihre Methoden. Eine philosophische Betrachtung, by Nikos Psarros, Weinheim 1999', *HYLE - International Journal for Philosophy of Chemistry*, **7**, no. 2, 175-177.

Karpenko, V.: 2002, 'Book Review: Auf der Suche nach dem Stein der Weisen. Die Geschichte der Alchemie, by Hans-Werner Schütt, München 2000', *HYLE - International Journal for Philosophy of Chemistry*, **8**, no. 1, 69-74.

Kerber, R. C.: 2002, 'Markovnikov's Rule in History and Pedagogy', *Foundations of Chemistry*, **3**, no. 3, 61-72.

Klein, U. (ed.): 2001, *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht.

Klein, U.: 2001, 'Berzelian Formulas as Paper Tools in Early Nineteenth-Century Chemistry', *Foundations of Chemistry*, **3**, no. 1, 7-32.

Klein, U.: 2001, 'The Creative Power of Paper Tools in Nineteenth-Century Chemistry', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 13-34.

Kovac, J.: 2001, 'Gifts and Commodities in Chemistry', *HYLE - International Journal for Philosophy of Chemistry*, **7**, no. 2, 141-153.

Kragh, H.: 2001, 'The First Subatomic Explanations of the Periodic System', *Foundations of Chemistry*, **3**, no. 2, 129-143.

Laszlo, P.: 2001, 'A Scetch of a Program', *Foundations of Chemistry*, **3**, no. 3, 269-271.

Laszlo, P.: 2001, 'Conventionalities in Formula Writing', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 47-60.

Laszlo, P.: 2001, 'Handling Proliferation', *HYLE - International Journal for Philosophy of Chemistry*, **7**, no. 2, 125-

- Laszlo, P.: 2002, 'The Play of Boys (Essay review of Oliver Sacks "Uncle Tungsten: Memories of a Chemical Boyhood", New York 2001)', *HYLE - International Journal for Philosophy of Chemistry*, **8**, no. 1, 55-67.
- Le Vent, S.: 2001, 'What is a Perfect Gas Mixture', *Foundations of Chemistry*, **3**, no. 3, 227-239.
- Nye, M. J.: 2001, 'Paper Tools and Molecular Architecture in the Chemistry of Linus Pauling', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 117-132.
- Nye, M. J.: 2002, 'Book Review: Of Minds and Molecules. New Philosophical Perspectives on Chemistry, ed. by Nalini Bhushan & Stuart Rosenfeld, New York 2000', *Foundations of Chemistry*, **3**, no. 3, 73-77.
- Ostrovsky, V. N.: 2001, 'What and How Physics Contributes to Understanding the Periodic Law', *Foundations of Chemistry*, **3**, no. 2, 145-182.
- Park, B. S.: 2001, 'A Principle Written in Diagramms: The Aufbau Principle for Molecules and Its Visual Representations, 1927-1932', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 179-198.
- Pence, H. E.: 2002, 'Book Review: Communicating Chemistry: Textbooks and their Audiences, 1789-1929, ed. by A. Lundsgaard & B. Bensaude-Vincent, Canton 2000', *Foundations of Chemistry*, **3**, no. 3, 79-81.
- Psarros, N.: 2000, 'Was sah Ostwald (als er die Brille von Frantisek Wald ablegte)?', in: Meinel, C. (ed.): *Instrument - Experiment. Historische Studien*, GNT-Verlag, Berlin, pp. 144-157.
- Ramberg, P. J.: 2001, 'Paper Tools and Fictional Worlds: Prediction, Synthesis and Auxiliary Hypotheses in Chemistry', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 61-78.
- Ramsey, J. L.: 2001, 'Hegel's Philosophy of Nature (Book review of John W. Burbidge: Real Process: How Logic and Chemistry Combine in Hegel's Philosophy of Nature, Buffalo 1996)', *Foundations of Chemistry*, **3**, no. 3, 263-268.
- Reinhardt, C.; Travis, A. S.: 2001, 'Aspects of Paper Tools in the Industrial-Academic Context: Constitutions and Structures of Aniline Dyes, 1860-1880', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 79-94.
- Rheinberger, H.-J.: 1997, *Toward a History of Epistemic Things. Synthesizing Proteins in the Test Tube*, Stanford University Press, Stanford.
- Ritter, C.: 2001, 'An Early History of Alexander Cum Brown's Graphical Formulas', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 35-46.
- Rocke, A. J.: 2001, 'Chemical Atomism and the Evolution of Chemical Theory in the Nineteenth Century', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 1-11.
- Scerri, E. R.: 2001, 'The New Philosophy of Chemistry and its Relevance to Chemical Education', *Chemistry Education*, **2**, no. 2, 165-170.
- Scerri, E. R.: 2001, 'The Periodic Table: The Ultimate Paper Tool in Chemistry', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 163-177.
- Scerri, E. R.; Edwards, J.: 2001, 'Bibliography of Secondary Sources on the Periodic System of the Chemical Elements', *Foundations of Chemistry*, **3**, no. 2, 183-196.
- Scerri, E. R.; Worrall, J.: 2001, 'Prediction and the Periodic Table', *Studies in History and Philosophy of Science -*

Schummer, J.: 2001, 'Ethics of Chemical Synthesis', *HYLE - International Journal for Philosophy of Chemistry*, 7, no. 2, 103-124.

Schummer, J.: 2002, 'Book Review: Of Minds and Molecules. New Philosophical Perspectives on Chemistry, ed. by Nalini Bhushan & Stuart Rosenfeld, New York 2000', *HYLE - International Journal for Philosophy of Chemistry*, 8, no. 1, 74-76.

Seibert, C.: 2001, 'Charley Peirce's Head Start in Chemistry', *Foundations of Chemistry*, 3, no. 3, 201-226.

Shanks, N.: 2001, 'Modeling Biological Systems: The Belousov-Zhabotinsky Reaction', *Foundations of Chemistry*, 3, no. 1, 33-53.

van Brakel, J.: 2001, 'The World: An Unruly Mess (Book Review of Nancy Cartwright: The Dappled World: A Study of the Boundaries of Science, Cambridge 1999)', *Foundations of Chemistry*, 3, no. 3, 251-262.

Vihalemm, R.: 2001, 'Chemistry as an Interesting Subject for the Philosophy of Science', in: Vihalemm, R. (ed.): *Estonian Studies in the History and Philosophy of Science*, Kluwer, Dordrecht, pp. 185-200.

Weininger, S. J.: 2001, 'Affinity, Additivity and the Reification of the Bond', in: Klein, U. (ed.): *Tools and Modes of Representation in the Laboratory Sciences*, Kluwer, Dordrecht, pp. 237-251.

Wünsch, G.: 2000, *Einführung in die Philosophie der Chemie: Studienbuch für Chemiker und an Chemie interessierte*, Königshausen & Neumann, Würzburg.