

DAFTAR PUSTAKA

- Bakker, Anton, dan Achmad Charris Zubair. 2013. *Metodologi Penelitian Filsafat*. Yogyakarta: Kanisius.
- Bingham, P., N. Q. Verlander, and M. J. Cheal. 2004. "John Snow, William Farr and The 1849 Outbreak of Cholera that Affected London: A Reworking of The Data Highlights The Importance of The Water Supply." *Public Health* 118 (6): 387-394. doi:10.1016/j.puhe.2004.05.007.
- Cao, Tian Yu. 2006. "Structural Realism and Quantum Gravity." Disunting oleh Dean Rickles, Steven French dan Juha Saatsi, 40-52. New York: Oxford University Press.
- Carnap, Rudolf. 1963. "Philosophical Problem." Dalam *Philosophy of Rudolf Carnap*, disunting oleh P. A. Schilpp, 3-84. LaSalle: Open Court.
- Carthwright, Nancy. 1983. *How the Law of Physics Lie*. New York: Oxford University Press.
- Chakravartty, Anjan. 2007. *A Metaphysics for Scientific Realism: Knowing The unobservable*. New york: Cambridge University Press.
- Clegg, Brian. 2019. *Dark Matter & Dark Energy: The Hidden 95% of The Universe*. Icon Books.
- da Costa, Newton, dan Steven French. 2003. *Science and Partial Truth*. Oxford: Oxford University Press.
- D'Amico, Guido, Marc Kamionkowski, dan Kris Sigurdson. 2011. "Dark Matter Astrophysics." Dalam *Dark Matter and Dark Energy: A Challenge for Modern Cosmology*, disunting oleh Sabino Matarrese, 241-272. Dordrecht: Springer.
- Dicken, Paul. 2016. *A Critical Introduction To Scientific Realism*. New York: Bloomsbury Academic.
- French, Steven. 2014. *The Structure of The World: Metaphysics and Representation*. Oxford: Oxford University Press.
- Friggs, Roman, dan Ioannis Votsis. 2011. "Everything You Always Wanted to Know About Structural Realism But Were Afraid to Ask." *European Journal of Philosophy of Science* 1 (2): 227-276.
- Furoidah, Inany. 1994. *Fisika Dasar*. Jakarta: PT. Gramedia Pustaka Utama.
- Hacking, Ian. 1983. *Representing and Intervening*. New York: Cambridge University Press.
- Harman, Gilbert H. 1965. "The Inference to the Best Explanation." *The Philosophical Review* (Duke University Press) 88-95. doi:<https://doi.org/10.2307/2183532>.

- Hart, Michael H. 1993. *The 100: A Ranking of The Most Indluential Persons in History*. New York: Carol Publishing Group.
- Hawking, Stephen. 2001. *Universe In A Nutshell*. London: Bantam Press.
- Kaelan. 2005. *Metode Penelitian Kualitatif Bidang Filsafat*. Yogyakarta: Paradigma.
- Kannadan, Ajesh. 2018. "History of Miasmatic Theory of Disease." *ESSAI* Vol. 16 (Artikel 18). <https://dc.cod.edu/essai/vol16/iss1/18>.
- Ketland, Jeffrey. 2004. "Empirical Adequacy and Ramsification." *The British Journal of Philosophy of Science* (JSTOR) 55 (2): 287-300.
- . 2009. "Empirical Adequacy and Ramsification, II." *Reduction-Abstraction-Analysis* (De Gruyter) XI: 29-46.
- Kitcher, Phillip. 1993. *The Advancement of Science: Science without Legends, Objectivity without Illusions*. Oxford: Oxford University Press.
- Kuhn, Thomas. 1970. *The Structure of Scientific Revolutions*. Kedua. Chicago: University of Chicago Press.
- Lahanas, Athanasios. 2007. "LSP as a Candidate for Dark Matter." Dalam *The Invisible Universe: Dark Matter and Dark Energy*, disunting oleh L. Papantonopoulos, 35-68. Heidelberg: Springer.
- Lakatos, Imre. 1980. *The Methodology of Scientific Research Programme*. Vol. I. New York: Cambridge University Press.
- Laudan, Larry. 1981. "A Confutation of Convergent Realism." *Philosophy of Science* 19-48.
- Lazarides, George. 2007. "Particle Physics Approach to Dark Matter." Dalam *The Invisible Universe: Dark Matter and Dark Energy*, disunting oleh Lefteris Papantonopoulos. Heidelberg: Springer.
- Leplin, Jarrett. 1984. *Scientific Realism*. Disunting oleh Jarret Leplin. Berkeley: University of California Press.
- Liu, Lulu. 2009. *The Hydrogen 21-cm Line and Its Applications to Radio Astrophysics*. Massachusetts: MIT.
- Lyons, Timotyh D., dan Steve Clarke. 2002. "Introduction: Scientific Realism and Commonsense." *Recent Theme in The Philosophy of Science* (Kluwer Academic Publisher) ix-xxii.
- Musgrave, Alan. 1988. "The Ultimate Argument for Scientific Realism." Disunting oleh Robert Nola. *Relativism and Realism in Science* (Kluwer Academic Publishers) Dordrecht: 229-252.
- Neuber, Matthias. 2018. "Realism and Logical Empiricism." In *The Routledge Handbook of Scientific Realism*, edited by Juha Saatsi, 7-19. London: Routledge.

- Niiniluoto, Ilka. 2002. *Critical Scientific Realism*. New York: Oxford University Press.
- Odenwald, Sten. 2019. *Astrophysics: Knowledge In a Nutshell*. London: Arcturus Publishing Limited.
- Okasha, Samir. 2002. *Philosophy of Science: A Very Short Introduction*. Pertama. New York: Oxford University Press.
- Panek, Richard. 2011. *The 4% Universe: Dark Matter, Dark Energy, and The Race to Discover the Rest of Reality*. New York: Houghton Mifflin Harcourt.
- Poincaré, Henri. 2010. *Science and Hypothesis*. Translated by W. J. G. London: Forgotten Books.
- Psillos, Stathis. 2009. *Knowing the Structure of Nature: Essays on Realism and Explanation*. Palgrave Macmillan.
- . 1999. *Scientific Realism: How Science Tracks Truth*. New York: Routledge.
- . 2018. “The Realist Turn in The Philosophy of Science.” Dalam *The Routledge Handbook of Scientific Realism*, disunting oleh Juha Saatsi, 20-34. London: Routledge.
- . 2011. “The Scope and Limits of the No Miracle Argument.” *Explanation, Prediction, and Confirmation* (Springer) 23-36. doi:10.1007/978-94-007-1180-8.
- Putnam, Hilary. 1979. *Mathematics, Matter and Method: Philosophical Papers*. Kedua. Vol. I. Cambridge: Cambridge University Press.
- Ramsey, Frank P. 1931. *The Foundations of Mathematics and Other Logical Essays*. Disunting oleh R. B. Braithwaite. Oxford: Routledge.
- Rubin, V. C. 2003. “A Brief History of Dark Matter.” Dalam *The Dark Universe: Matter, Energy, and Gravity*, disunting oleh Mario Livio, 1-13. New York: Cambridge.
- Rubin, V. C., K. W. Ford, dan R. Thonnard. 1980. “Rotational Properties of 21 Sc Galaxies with A Large Range of Luminosities and Radii, From NGC 4605 ($R = 4$ kpc) to UGC 2885 ($R = 122$ kpc).” *The Astrophysical Journal* (The American Astronomical Society) 471-481.
- Russell, Bertrand. 1992. *Analysis of Matter*. London: Routledge.
- Saatsi, Juha. 2018. “The Realist Turn in Philosophy of Science.” Dalam *The Routledge Handbook of Scientific Realism*, 20-34. London: Routledge.
- Tremaine, Scott, and Hyung Mok Lee. 2004. “Dark Matter in Galaxies and Galaxy Systems.” In *Dark Matter in The Universe*, 71-102. World Scientific Publishing Co. Pte. Ltd.

- van den Bergh, Sidney. 1999. "The Early History of Dark Matter." *Publications of Astronomical Society of the Pacific* (University of Chicago Press) 111 (760): 657-660. doi:<https://doi.org/10.1086/316369>.
- van Fraassen, B. C. 1980. *The Scientific Image*. New York: Oxford University Press.
- Votsis, Ioanis. 2012. "How Not to Be a Realist." Dalam *Structural Realism: Object, Structure, and Causality*, disunting oleh Elaine M. Landry, 59-76. Springer. doi:10.1007/978-94-007-2579-9.
- Worrall, John. 1989. "Structural Realism: The Best of Both Worlds?" *Dialectica* (43): 99-124.
- Worrall, John. 2011. "The Miracle Intuition and The No Miracle Argument." *The Philosophy of Science in A European Perspective* (Springer) II. doi:10.1007/978-94-007-1180-8.
- Wright, Edward L. 2016. *How do Astronomers Measure the Density of the Universe*. 09 Maret. Diakses November 2, 2021. <https://www.astro.ucla.edu/~wright/density.html>.
- Zwicky, Fritz. 1933. "The Redshift of Extragalactic Nebulae." *Helvetica Physica Acta* VI: 110-127. doi:<https://doi.org/10.48550/arXiv.1711.01693>.