

Literature list for coursework 1

Methods of Scientific Working (for Crop Sciences) (3502-440)

21 Jan 2025

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Poskett	Ch. 5 Genetic States	Horizons	History of Science
Voit	Dimensions of the Scientific Method	PLOS Computational biology	Philosophy of science
Lewens	Ch. 3 The 'paradigm' paradigm	The Meaning of Science	Philosophy of science
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Strevens	Ch. 4 The Iron Rule of Explanation	The Knowledge Machine	Philosophy of science
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Henry	Ch. 20 Charles Darwin's Evolution	A short history of scientific thought	Scientific methodology
Henry	Ch. 7 New Methods of Science	A short history of scientific thought	Scientific methodology
Bergstrom/West	Ch. 4 Causality	Calling Bullshit	Scientific Reasoning
Bergstrom/West	Ch. 5 Numbers and Nonsense	Calling Bullshit	Pseudoscience
Taverne	Ch. 3 Myth of organic farming	The March of Unreason	Pseudoscience
Taverne	Ch. 8 The attack on science	The March of Unreason	Pseudoscience
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McElreath	Ch. 1 Golem of Prague	Statistical Rethinking	Models and Models
Silver	Ch. 5 Desperately seeking signal	The Signal and the Noise	Models and Models
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1 Backup literature

Author	Title	Book / Journal	Topic	PDF
Lewens	Ch. 1. How Science Works	The Meaning of Science	Philosophy of Science	PDF
Mumford	Ch. 1. The Problem	Causation	Philosophy of Science	PDF
Gordin	Ch. 1. The Demarcation Problem	On The Fringe	Pseudoscience	PDF
O'Neil	Ch. 1. Bomb Parts	Weapons of Math Destruction	Models	PDF
Lewens	Ch. 5. Value and Veracity	The Meaning of Science	Science and Society	PDF